

Madras Veterinary College, Chennai



Veterinary College and Research Institute, Namakkal



College of Food and Dairy Technology, Koduvalli



Veterinary College and Research Institute, Orathanadu



**Veterinary College and Research Institute, Tirunelveli** 



College of Poultry Production and Management, Hosur

# 6.6. SELF STUDY REPORT on TAMIL NADU VETERINARY AND ANIMAL SCIENCES UNIVERSITY





## **ICAR ACCREDITATION 2020**

6.6. SELF STUDY REPORT

on

TAMIL NADU VETERINARY AND ANIMAL SCIENCES UNIVERSITY CHENNAI – 600 051



## TAMIL NADU VETERINARY AND ANIMAL SCIENCES UNIVERSITY CHENNAI

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## SELF STUDY REPORT OF TAMIL NADU VETERINARY AND ANIMAL SCIENCES UNIVERSITY

## Growth and Development of the University

The need for qualified veterinarians was felt as early as 1878 and the subject of veterinary medicine was taught to the agriculture diploma students at the Agriculture College, Saidapet. The Civil Veterinary Department (CVD), Madras, which was inaugurated in the year 1892 for rendering adequate veterinary aid in the Madras Province, could not progress on the right lines due to paucity of trained personnel. Hence the immediate need for an Institute of Veterinary Education was fully recognized for getting trained personnel to undertake work for bringing the under-developed animal industry to its proper status. In the year 1900, a conference of Veterinary Experts in the country was held at Ambala to formulate a suitable curriculum of studies for veterinarians in the country and accordingly, the Madras Veterinary School which was subsequently named "College" was opened in the year 1903 in a rented building known as "Dobbin hall" and situated about 175 yards from the S.P.C.A., on a monthly rent of Rs.60 with Major W.D. Gunn, who was then Superintendent, CVD, Madras, as a part-timer Principal. The diploma offered was for a duration of three years and styled as Graduate of Madras Veterinary College (GMVC).

The Madras Veterinary College thus started functioning from 01-10-1903 with 20 students on the rolls. Experience revealed that for the efficient teaching of Veterinary Science, a Veterinary Hospital attached to this educational institution was necessary. Since the rented building could not be provided with all facilities, a permanent building on Vepery High Road, with a fine piece of Indo-Sarcenic architecture, was constructed and the college moved to its new premises. From then on, the institution surged forward mainly due to the untiring efforts of veterinarians. The curriculum of GMVC was modified a number of times to meet the need of the farmers of the South India. The standards followed in the education were duly approved and recognized by the committee formed by the Madras University and the Madras Veterinary College became the first veterinary institution in the country to get affiliated to a University to offer degree level course and the B.V.Sc. was started in 1936. The college was upgraded as Southern Regional Centre for Postgraduate Education and Research to offer M.V.Sc. in the year 1958 on the recommendation of the Indo-American team on Agricultural Education and Research. The year 1969 witnessed a major development when the college and its associated institutions were brought under separate Directorate of veterinary Education and Research. In 1974 this college was affiliated to the Tamil Nadu Agricultural University and from 1976 it started functioning as a constituent unit of the Tamil Nadu Agricultural University. The relentless service by the institutes to the society was duly recognized and a separate University - Tamil Nadu Veterinary and Animal Sciences University, popularly abbreviated as TANUVAS, was formed for the first time in South East Asia on 20th September, 1989 comprising of the veterinary colleges at Madras and Namakkal and Fisheries College at Tuticorin and associated centres and research stations. Since then TANUVAS grew leaps and bounds and established constituent units across the State.

TANUVAS is in its 31st year of existence and excellence. TANUVAS continues to strive in ensuring excellence in education, research and extension in the fields of veterinary, animal and food sciences. TANUVAS desires to be an institution of international excellence in providing education and pursuing research in the field of veterinary, animal and food sciences. The University develops innovations and disseminates scientific knowledge and skill for enhancing livestock and poultry productivity through the use of technologies of social, economic and environmental relevance by adopting a team approach. Currently, TANUVAS has 9 constituent colleges, 12 Research Stations, 14 Research Laboratories, 20 Veterinary University Training and Research Centres (VUTRCs), 4 Krishi Vigyan Kendras (KVK), 3 Farmers' Training Centres, a Veterinary and Animal Sciences Information Centre and an Agricultural Technology Information Centre (ATIC).

TANUVAS has the following nine constituent colleges:

- 1. Madras Veterinary College, Chennai 600 007
- 2. Veterinary College and Research Institute, Namakkal 637 002
- 3. Veterinary College and Research Institute, Tirunelveli 627 358
- 4. Veterinary College and Research Institute, Orathanadu, Thanjavur 614 625
- 5. Veterinary College and Research Institute, Thalaivasal Koot Road, Salem 636 112
- 6. Veterinary College and Research Institute, Veerapandi, Theni 625 534
- 7. Veterinary College and Research Institute, Udumalpet, Tiruppur 642 126
- 8. College of Food and Dairy Technology, Koduvalli, Chennai 600 052
- 9. College of Poultry Production and Management, Hosur 635 110

TANUVAS continues to take a lead in reaching out to the target audience - veterinary professionals, livestock farmers, pet owners and para-veterinarians and established a separate Directorate of Distance Education in 2011. This Directorate has the University Publication Division which publishes scientific journals, magazines, books and newsletters, and produces video lessons and documentaries, television and radio programmes for the target audience. The University offers 15 Post-Graduate Diploma Programmes in various speciality areas in distant mode to enable the graduates of veterinary science / other sciences to make them acquainted with required techniques or technologies. TANUVAS also offers a number of skill development and employment courses for the benefit of farmers, entrepreneurs, rural youth and women with a view to develop their knowledge and skills relating to livestock and poultry farming and processing

## OTHER CONSTITUENT UNITS OF TANUVAS

## **Research Stations - 12**

- 1. Post Graduate Research Institute in Animal Sciences, Kattupakkam, Chengalpattu (Dist.)
- 2. Regional Research and Educational Centre (RREC), Pudukottai
- 3. Livestock Farm Complex, Madhavaram Milk Colony (MMC), Chennai
- 4. Poultry Research Station, Madhavaram Milk Colony (MMC), Chennai
- 5. Mecheri Sheep Research Station, Pottaneri, Salem (Dist.)
- 6. Sheep Breeding Research Station, Sandynallah, Ooty (Dist.)
- 7. Bargur Cattle Research Station, Bargur, Erode (Dist.)
- 8. Pulikulam Cattle Research Station, Manamadurai, Sivagangai (Dist.)
- 9. Kangeyam Cattle Research Station, Sathyamangalam, Erode (Dist.)
- 10. Alambadi Cattle Breeding Research Station, Dharmapuri (Dist.)
- 11. Central Feed Technology Unit, Kattupakkam, Chengalpattu (Dist.)
- 12. Institute of Animal Nutrition, Kattupakam, Chengalpattu (Dist.)

## Research Laboratories - 14

- 1. Central University Laboratory, Madhavaram Milk Colony (MMC), Chennai
- 2. Zoonoses Research Laboratory, Madhavaram Milk Colony (MMC), Chennai
- 3. Vaccine Research Centre Bacterial Vaccines, Madhavaram Milk Colony (MMC), Chennai
- 4. Vaccine Research Centre Viral Vaccines Madhavaram Milk Colony (MMC), Chennai
- 5. Laboratory Animal Medicine, Madhavaram Milk Colony (MMC), Chennai
- 6. Pharmacovigilance Laboratory for Animal Feed and Food Safety, Madhavaram Milk Colony (MMC), Chennai
- 7. Bio containment Animal Disease Laboratory, Madhavaram Milk Colony (MMC), Chennai
- 8. Poultry Disease Diagnosis and Surveillance Laboratory, Namakkal

- 9. Animal Feed Analytical and Quality Assurance Laboratory, Namakkal
- 10. Avian Disease Laboratory, Thalaivasal, Salem
- 11. Centre for Stem Cell Research and Regenerative Medicine, MVC, Chennai
- 12. Veterinary University Training and Diagnostic Centre (VUTDC), Madurai
- 13. Ethno-Veterinary Herbal Training and Research Centres, Orathanadu & Namakkal
- 14. Translational Research Platform for Veterinary Biologicals (TRPVB), Madhavaram Milk Colony (MMC), Chennai

## Veterinary University Training and Research Centres (VUTRCs) – 20

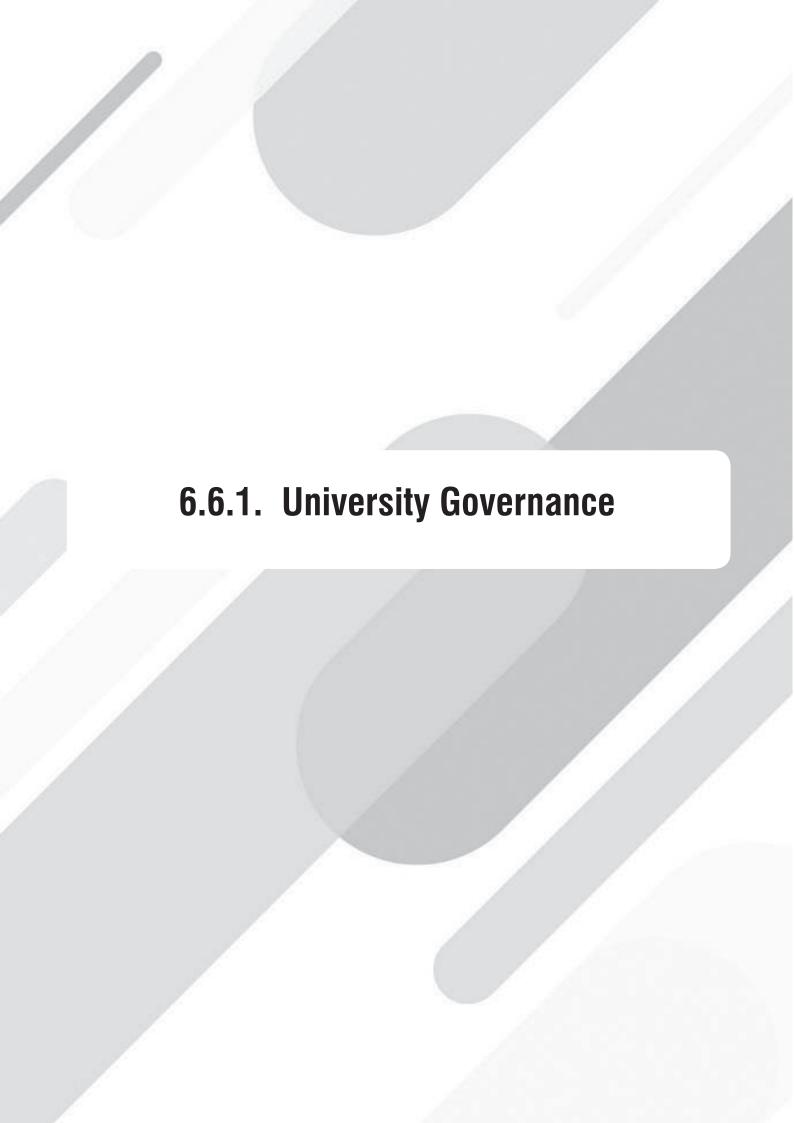
- 1. Coimbatore
- 2. Cuddalore
- 3. Dharmapuri
- 4. Dindigul
- 5. Erode
- 6. Karur
- 7. Krishnagiri
- 8. Melmaruvathur
- 9. Nagapattinam
- 10. Nagercoil
- 11. Rajapalayam
- 12. Ramanathapuram
- 13. Perambalur
- 14. Salem
- 15. Thanjavur
- 16. Tiruchirappalli
- 17. Tiruppur
- 18. Tiruvannamalai
- 19. Vellore
- 20. Viluppuram

## Krishi Vigyan Kendras (KVK) - 4

- 1. Namakkal
- 2. Kundrakudi
- 3. Kattupakkam
- 4. Villupuram II

## Farmers' Training Centres (FTC) - 3

- 1. Kancheepuram
- 2. Theni
- 3. Thiruvarur
  - Veterinary and Animal Sciences Information Centre, Madhavaram Milk Colony (MMC), Chennai
  - Agricultural Technology Information Centre (ATIC), Kattupakkam, Chengalpattu



## 6.6.1. University Governance

## 6.6.1.1 Vision, Mission and Goals

## Mission

TANUVAS was established on 20<sup>th</sup> September 1989 with a mandate to impart education, further the advancement of learning and prosecution of research and undertake extension to rural people in co-operation with the government departments in different branches of veterinary and animal sciences.

## Vision

TANUVAS desires to be an institution of international excellence in providing education and pursuing research in the field of veterinary, animal and food sciences and to develop innovations, disseminate scientific knowledge and skill for enhanced livestock and poultry productivity through the use of technologies of social, economic and environmental relevance developed by adopting a team approach.

## **Goals/Objectives**

- To impart education in different branches of Veterinary and Animal Sciences as the university may determine
- To further the advancement of learning and prosecution of research in veterinary and animal sciences
- To undertake the extension of such sciences to the rural people in co-operation with the government departments concerned.

**6.6.1.2 Statutes and Regulations** (*Provide list of Statutes and Regulations published in the gazette notification and being implemented by the University for administration and planning*)

Statutes of the Tamil Nadu Veterinary and Animal Sciences University, vide G.O.Ms.No.493, Animal Husbandry and Fisheries AH.VI, 19th September 1990. No.II (2)/AHFI/4701(f)/90 of Government of Tamil Nadu

**Statutes:** Subject to the provisions of Tamil Nadu Veterinary and Animal Sciences University Act, 1989, the statutes may provide for all or any of the following matters, namely:-

- (a) the conditions under which the research in the University may be carried on;
- (b) the manner in which and the conditions under which the honorary degrees and other distinctions may be conferred;
- (c) the fixation, payment and receipt of fees and other charges;
- (d) the prescription of academic qualification and standard for admission to the University;
- (e) the terms and conditions subject to which the Registrar may be appointed and his powers, functions and duties:
- (f) the terms and conditions subject to which the Finance Officer may be appointed and his powers, functions and duties;
- (g) the terms and conditions subject to which the Dean of each college may be appointed and his powers and duties;
- (h) the terms and conditions subject to which the Director of Research, the Director of Clinics, the Director of Extension Education, the Director, Centre for Animal Health Studies and the Director, Centre for Animal Production Studies may be appointed and their powers and duties;
- (i) the daily and travelling allowances to be paid to the members of the Board, Academic Council and other authorities of the University and the Committees thereof;
- (j) the assignment of subjects of study for each faculty; (k) the constitution and functions of Faculties;
- (k) the constitution and functions of the Board of Studies;

- (l) the constitution, powers and functions of the other authorities of the University;
- (m) the manner in which the Dean of each faculty may be appointed;
- (n) the establishment and management of the funds and moneys of the University;
- (o) the manner of publication of the accounts audited;
- (p) the period for which and the manner in which the instruction, teaching, training and holding
- (q) examinations shall be conducted for the students; and
- (r) any other matter which is required to be or may be prescribed by the statutes.

## How Statutes are made

- 1) The Board may, from time to time, make statutes and amend or repeal the statutes in the manner hereafter provided in this section.
- 2) The Academic Council may propose to the Board the draft of any statute or of any amendment to, or of repeal of, a statute to be passed by the Board and such draft shall be considered by the Board at its next meeting: Provided that the Academic Council shall not propose the draft of any statute or of any amendment to, or of repeal of, a statute relating to the matters other than academic affairs.
- 3) The Board may consider the draft proposed by the academic Council under sub-section (2) and may either pass or reject or return the draft with or without amendment to the Academic Council for reconsideration.
- 4) (a) Any member of the Board may propose to the Board the draft of a statute and the Board may either accept or reject the draft, if it relates to a matter not falling within the purview of the Academic Council.
  - (b) In case such draft relates to a matter within the purview of the Academic Council, the Board shall refer it for consideration to the Academic Council, which may either report to the Board that it does not approve the draft or submit the draft to the Board in such form as the Academic Council may approve and the Board may either pass, with or without amendment, or reject the draft.
- 5) A Statute passed by the Board shall be submitted to the Chancellor who may assent thereto or withhold his assent. A Statute passed by the Board shall have no validity until it has been assented to by the Chancellor.

**Regulations:** Subject to the provisions of Tamil Nadu Veterinary and Animal Sciences University Act, and the statutes,

- 1) the authorities of the University may make regulations to provide for all or any of the following matters, namely:
  - a) the manner in which and the conditions subject to which the pension, gratuity, insurance and provident fund may be instituted for the benefit of the officers, teachers and other employees of the University;
  - b) the appointment, procedure for selection, pay and allowances and other conditions of service of officers, teachers and other employees of the University;
  - the giving of notice to the members of any authority of the University the dates of the meetings and the business to be transacted at the meetings and for keeping a record of the proceedings of the meetings;
  - d) the procedure to be observed at the meetings and the number of members required to form the quorum; and any other matter which is required to be or may be prescribed by regulations.
- 2) The Academic Council may, subject to the provisions of the statutes, make regulations providing for the courses of study, system of examinations and award of degrees, diplomas and other academic distinctions of the University, after receiving the drafts of the same from the Board of Studies concerned.
- 3) The Board may issue such directions as it may think fit to the authority concerned to amend any regulation.

## **STATUTES - Details**

## Chapter I - General

- 1. Short title and commencement
- 2. Definitions

## **Chapter II - Authorities of the University**

- 3. Board of Management
- 4. Academic Council
- 5. Faculties
- 6. Board of Studies
- 7. Planning Board
- 8. Finance Committee
- 9. Board of Examinations
- 10. Research Council
- 11. Extension Education Council
- 12. Procedure for Creation of new authorities

## **Chapter III - Officers of the University**

- 13. Vice Chancellor
- 14. Registrar
- 15. Finance Officer
- 16. Dean of Faculty
- 17. Dean of College
- 18. Director of Research
- 19. Director of Extension Education
- 20. Director, Centre for Animal Production Studies
- 21. Director, Centre for Animal Health Studies
- 22. Director of Clinics
- 23. Estate Officer
- 23(a) Controller of Examinations

## Chapter IV - Academic Activities of the University

- 24. Faculties and their functions
- 25. Departments
- 26. Head of Departments/Units/Research Stations/Centres
- 27. Functions of the Head of Departments/Units/Research Stations/Centres

## Clause

- 28. Admission to the University
- 29. Courses of study
- 30. System of instructions
- 31. Student fees and other charges
- 32. Endowments Scholarships and Fellowships
- 33. Convocation
- 34. Award of Degrees and Diplomas

- 35. Honorary Degree and other academic distinctions
- 36. Recognition of Institutions
- 37. University Library
- 38. Graduate Assistantship

## Chapter V - Research and Extension

- 39. Research and Extension Education
- 40. Other organizations

## **Chapter VI - Funds and Accounts**

- 41. Chairman of the Finance Committee
- 42. Management of funds
- 43. Other funds
- 44. Publication of Accounts

## **Chapter VII - Conditions of Service and Recruitment**

- 45. Continuance of transferred employees and recruitment of University employees
- 46. Service on deputation
- 47. Service conditions, gratuity, Insurance and Provident Fund

## **Chapter VIII - Miscellaneous**

- 48. Travelling and Daily allowances to non-officials
- 49. Staff housing
- 50. Students' Hostels Cafeteria and other accommodations
- 51. Civil Works
- 52. Annual Report
- 53. Powers of Authorities
- 54. Legal advisors
- 55. Removal of difficulties
- 56. Rules of the University

## REGULATIONS

## Chapter I - General

- 1. Short title and commencement
- 2. Definitions

## **Chapter II - Authorities of the University**

3. Meetings of the Authorities

## Chapter III - Classification of Staff, Recruitment and Appointments

- 4. Classification of staff
- 5. Qualification and method of recruitment
- 6. Certificate of physical fitness
- 7. Verification of character and antecedents
- 8. Verification of date of birth
- 9. Contract/Agreements

## Chapter IV - Service Conditions, Leave Rules, Travelling Allowances, etc.

- 10. Pay and Allowances
- 11. Probation
- 12. Flexible complementing scheme
- 13. Increments
- 14. Seniority of members in service
- 15. Service Book
- 16. History of service
- 17. Personal file / Record Sheet
- 18. Joining time and transit pay
- 19. Additional charge arrangement and charge allowances
- 20. Leave
- 21. Foreign service
- 22. Code of conduct of the employees
- 23. Control and discipline of the employees
- 24. Retirement, extension of service and re-employment
- 25. Issue of retirement notice
- 26. Gratuity, Pension and Provident Fund
- 27. Daily allowance and Travelling Allowance
- 28. Medical reimbursement charges
- 29. Loans and Advances
- 30. Acceptance of Examinership and Remuneration

## Chapter V - Academic Program

- 31. Withdrawal of Degrees, Diplomas, etc.
- 31(a) Under Graduate Programme
- 31(a) Undergraduate (BVSc) Regulations-2001 (VCI)
- 31(b) Post Graduate Programme
- 31(c) Additional Regulations for PG Students
- 32. Deputation for Higher Studies

## **Chapter VI - Convocation**

33. Convocation for conferring degrees

## **Chapter VII - Staff Housing and Students Hostel**

- 34. Staff housing
- 35. Students hostel and Games facilities

## **Chapter VIII - Scholarships and Medals**

- 36. Scholarships and Loan funds
- 37. Medals

## **Chapter IX - Finance**

- 38. University funds
- 39. Accounts
- 40. Receipts
- 41. Budget
- 42. Drawal of Money
- 43. Delegation of Financial Powers

## Chapter X - Civil Works

44. Execution of civil works

## Chapter XI - Miscellaneous

- 45. Purchase of stores
- 46. Patent rights
- 47. Removal of difficulties

**6.6.1.3** University statutory officers and their selection process [Provide list of the statutory officers sanctioned in the Act, present position, their mode of appointment (selection/nomination), joining date and tenure. Please provide the reason of those statutory officers who have not been appointed so for]

Statutory officers sanctioned	Present position	Mode of appointment (Selection/ Nomination)	Joining date	Tenure
Vice Chancellor	Dr.C.Balachandran	Appointed by the <i>His</i> Excellency Governor  of Tamil Nadu and the  Chancellor of TANUVAS	21.04.2018	3 years
Registrar	Dr.P.Tensingh Gnanaraj	Selection	27/08/2018 AN	
Finance Officer	Smt.T.J.Srividhya	Nominated by the Govt. of Tamil Nadu	07/06/2019 FN	3 years
Deans, Madras Veterinary College	Dr.K.N.Selvakumar	Selection	27/08/2018 AN	3 years
Dean, Faculty of Basic Sciences	Dr. Ghadevaru Sarathchandra	Selection	27/08/2018 AN	3 years
Dean, Veterinary College & Research institute, Namakkal	Dr.B.Mohan	Selection	27/08/2018 AN	3 years
Dean, Veterinary College & Research Institute, Tirunelveli	Dr.A.Palanisammi	Selection	31/10/2019 AN	3 years
Dean, Veterinary College & Research Institute, Orathanadu	Dr.T.Sivakumar	Selection	27/08/2018 AN	3 years

Dean, Centre for	Dr.V.Apparao	Selection	31/10/2019 AN	3 years
Dairy Technology,				
Koduveli				
Dean, Centre for	Dr.K.Mani	Selection	06/09/2019 AN	3 years
Poultry Production &				
Management				
Director of Research	Dr.Cecilia Joseph	Selection	06/09/2019 FN	3 years
Director of Clinics	Dr.S.Balasubramanian	Selection	27/08/2018 AN	3 years
Director of Extension	Dr.N.K.Sudeep Kumar	Selection	31/10/2019 AN	3 years
Education				·
Director, Centre	Dr.G.Dhinakar Raj	Selection	27/08/2018 AN	3 years
for Animal Health				
Studies				
Director, Centre for	Dr.A.V.Omprakash	Selection	31/10/2019 AN	3 years
Animal Production				
Studies				
Director of Distance	Dr.Geetha Ramesh	Selection	27/08/2018 AN	3 years
Education				·
Controller of	Dr.P.Kumarasamy	Selection	27/08/2018 AN	3 years
Examinations				
Estate Officer	Dr.N.K.Sudeep Kumar	Nomination	14/08/2019 FN	3 years

**6.6.1.4 Decentralisation of power** (The information on financial autonomy and sanctioning power to the Dean and other officers of the University shall be provided. Whether the necessary administrative powers have been delegated to the Statutory officers of the University? Provide the list)

## Powers and Duties/ Responsibilities of Statutory officers of the University

## Vice-Chancellor

- The Vice-Chancellor shall be the academic head and the principal executive officer of the University and shall in the absence of the Chancellor and the Pro-Chancellor, preside at any convocation of the University and confer degrees, diplomas or other academic distinctions upon persons entitled to receive them. He shall be a member ex-officio and Chairman of the Board, the Academic council, the Planning Board, and the Finance Committee and shall be entitled to be present at, and to address, any meeting of any authority of the University but shall not be entitled to vote threreat, unless he is a member of the authority concerned.
- The Vice-chancellor shall exercise control over the affairs of the University and shall be responsible for the due maintenance of discipline in the University.
- \* The Vice-chancellor shall convene meetings of the Board and the Academic Council.
- The Vice-Chancellor shall ensure that the provisions of this Act, the statutes and regulations are observed and carried out and he may exercise all powers necessary for this purpose.
- The Vice-Chancellor shall have power to take action on any matter and shall, by order, take such action as he may deem necessary but shall, as soon as may be, thereafter report the action taken to the officer or authority or body who or which would have ordinarily dealt with the matter: Provided that no such order shall be passed unless the person likely to be affected has been given a reasonable opportunity of being heard.
- Any person, aggrieved by any order of the Vice-Chancellor under sub-section (5), may prefer an appeal to the Board within thirty days from the date on which such order is communicated to him and the Vice-Chancellor shall give effect to the order passed by the Board on such appeal.
- The Vice-Chancellor shall be responsible for the co-ordination and integration of teaching, research and extension education and curriculum development.

- The Vice-Chancellor shall exercise such other powers and perform such other duties as may be prescribed by the statutes.
- ❖ In addition, the Vice-Chancellor shall exercise the following powers and privileges:-
  - ★ to sanction the creation of all technical posts/ paratechnical posts below the level of Assistant Professor, scale of pay subject to recommendation of the Academic Council;
  - ★ to sanction the creation of all non-technical posts which carry a basic pay below that of minimum basic pay of the post of Assistant Professor;
  - ★ to abolish or retrench such posts which are considered superfluous in the University subject to the protection given to the individuals in such posts under section 43 of the Act;
  - ★ to transfer personnel from one post to another in the interest of the University, without affecting their emoluments and service conditions;
  - ★ to constitute such adhoc committees, subject to the approval of the Board for the purpose of admitting students into the University, selecting certain categories of staff as detailed in the Regulations; for conducting enquiries into the affairs of the University and for such other purposes;
  - ★ to approve the selection of staff of the University as per the Regulations;
  - ★ to suspend or punish any employee as per the Regulations of the University and to punish and / or dismiss any student as per the rules of the University;
  - ★ to issue orders counting the period of extraordinary leave taken by the employees for prosecuting higher scientific and technical studies for the purpose of pension in the University;
  - ★ to represent the University in Inter-University conferences or associations within the country. To represent outside the country, he shall seek the approval of the Board.
  - ★ He shall be entitled to present at and address at any stage any meeting of any authority of the University but not to vote there unless he is a member/ Chairman of the authority concerned;
  - ★ He shall be responsible for the maintenance of discipline among the staff, the students and employees of the University and shall have the powers necessary for this purpose;
  - ★ He shall have the right to inspect all colleges and institutions of the University and he may express his views thereon to the appropriate officer or authority of the University. He shall have the powers to institute an enquiry in respect of any matter concerning the University;
  - ★ The Vice-Chancellor shall have powers to change, modify and reallocate the functions and duties of the University officers and other employees of the University.
  - ★ The administrative and financial powers of the Vice- Chancellor are defined in the Regulations.

## Registrar

- The Registrar shall be responsible to the Vice-Chancellor in the exercise of the powers and duties specified in section 13 of the Act and shall exercise such other additional powers and duties delegated to him by the Vice- Chancellor with the prior approval of the Board.
- ❖ It shall be the duty of the Registrar:
  - ★ to manage the property and investments of the University including trust and endowed property in accordance with the decision of the Finance Committee and the Board;
  - ★ to be the custodian of the records, the common seal and such other properties of the University as the Board shall commit to his charge; and
  - ★ to issue all notices convening meetings of the Board, the Academic Council, the Faculties, the Board of Studies, the Board of Examiners and the Planning Board and of any committee appointed by the authorities of the University.
- ❖ He shall be responsible for admission of students for the maintenance of permanent records of each student including his academic accomplishments, conduct, etc.

- ❖ He shall be responsible for the maintenance of Register of Degrees and Diplomas conferred by the University and a Register of Graduates and other information as deemed necessary.
- ❖ He shall make arrangements for the conduct of examinations and for the due execution of all process connected therewith.
- \* He shall be responsible for making the required arrangements for the promotion of personnel to the promotional posts of non-teaching staff and for the recruitment and appointment of staff and service personnel of all teaching and research posts and for all the first level entrance posts of non-teaching posts in the manner prescribed.
- ❖ He shall be responsible for the maintenance of the service and leave records of the personnel in accordance with the regulations; and
- ❖ He shall grant such leave as permissible to the officers and other employees of the University as per the powers delegated by the Vice-Chancellor.

## **Finance Officer**

- The Finance Officer shall:
  - ★ exercise general supervision over the funds of the University and shall advise the University as regards its financial policy; and
  - ★ exercise such other powers and perform such other financial functions, as may be assigned to him by the Board, or as may be prescribed: Provided that the Finance Officer shall not incur any expenditure or make any investment exceeding such amount as may be prescribed except with the previous approval of the Board.
- Subject to the control of the Board, the Finance Officer shall,
  - ★ ensure that the limits fixed by the Board for recurring and non-recurring expenditure for a year are not exceeded and that all moneys are expended for the purposes for which they are granted or allotted.
  - ★ be responsible for the preparation of annual accounts, financial estimates and the budget of the University and for their presentation to the Finance Committee and the Board;
  - ★ keep a constant watch on the cash and bank balances and of investments;
  - ★ watch the progress of the collection of revenue and advise on the methods of collection employed;
  - ★ ensure that the registers of buildings, land, furniture and equipments are maintained up-todate, and that stock checking is conducted in respect of equipments and other consumable materials in all offices, laboratories, colleges and institutions maintained by the University;
  - ★ bring to the notice of the Vice-Chancellor any unauthorised expenditure or other financial irregularity and suggest appropriate action to be taken against persons at fault; and
  - ★ call from any office, laboratory, college or institution maintained by the University, any information or returns as he may consider necessary for the exercise of his powers, performance of his functions or discharge of his duties.
- In addition to the duties mentioned above, the Finance Officer shall perform the following duties:
  - ★ He shall collect income and fees, disburse payments and be responsible for the day-to-day financial transactions of the University and for the proper accounting thereof and for all incidental matters including correspondences relating thereof, etc.;
  - ★ He shall sign all contracts made on behalf of the University and exercise such other powers as prescribed by the Act, Statutes and Regulations pertaining to accounts and finance of the University for which he shall be directly responsible to the Vice- Chancellor;
  - ★ He shall prepare before 1st February the annual financial estimates for the ensuing year;
  - ★ He shall be responsible to the Vice-Chancellor to ensure-

- that the expenditure not authorised in the budget is not incurred without appropriate sanction;
- that all moneys belonging to the University are kept in Banks approved by the Board of Management;
- that all accounts of the University are properly kept accounted and audited;
- that the budget of the University is prepared and submitted to the Vice-Chancellor and the funds sanctioned are obtained in time;
- that notices are issued and minutes of all meetings of the Finance Committee are maintained and to conduct official correspondence of the Finance Committee;
- ★ subject to the acceptance by the Board he shall receive contributions, grants, gifts and endowments made in favour of or for the purpose of the University;
- ★ He shall evolve and install suitable system of accounting and business procedure and prescribe an Accounts Manual for use in all University Offices;
- ★ He shall develop and operate an internal audit system so that records of all officers and employees responsible for the receipt and expenditure of moneys are properly audited; and (h) He shall prescribe financial forms to be used in the University;
- ★ He shall perform such other duties as may be prescribed by the Vice-Chancellor from time to time.
- The Finance Officer shall be custodian of all properties of the University.

## **Deans of the Faculties**

- Dean of the Faculty is responsible to the Vice- Chancellor for its academic activities.
- He is responsible for the inter-campus collaboration and co-ordination of the academic functions, maintaining and upholding the academic standards, for the constant review of the educational programmes, their progress, and in the due observance of the statutes and other regulations relating to the Faculty.
- ❖ He shall formulate and present policies to the Board of Studies for its consideration, on matters relating to the Faculty and
- ❖ He shall preside over meeting of the Board of Studies of the Faculty.

## **Deans of Colleges**

- ❖ He shall be responsible for the due observance of the Statutes and Regulations relating to the College.
- ❖ He shall supervise the registration and progress of the students in the College.
- ❖ He shall formulate and present policies on academic matters pertaining to the College to the Board of Studies for its consideration.
- ❖ He shall be responsible for the proper teaching of courses and for the conduct of research and extension education in various departments / units and administration of the College.
- ❖ He shall be responsible to the Vice-Chancellor for the use and maintenance of lands, buildings, laboratories, Libraries, campus development and such other properties of the College and Research Station attached to the College, if any;
- ❖ He shall be responsible for procurement of stores, equipments and such other items as may be necessary for the college;
- ❖ He shall be responsible for the maintenance and functioning of the hostels and other facilities connected with residential teaching;
- ❖ He shall provide for protection against theft, fire and other damages;
- \* He shall prepare the budget of the College;

- ❖ He shall submit reports to the Vice-Chancellor on the work of the College regarding education, research and extension;
- \* He shall be responsible to the Vice-Chancellor for maintenance of discipline, law and order in the College and in the discharge of his duties he may award suitable punishments to students for acts of misbehaviour as per regulations prescribed; and
- \* He shall be responsible for performing such other duties as directed by the Vice-Chancellor.

## **Director of Research**

- \* He shall co-ordinate all research in the University in co- operation with Deans while his dealing would be mainly with the staff concerned with the research Departments of College.
- ❖ He shall be directly responsible to the Vice-Chancellor for the initiation, guidance and coordination of he research programmes of the University and its outlaying stations;
- ❖ He shall be the controlling officer of Research Stations and Institutes specifically attached to him by the Vice-Chancellor;
- ❖ He shall cause to be published regularly Research Bulletins, articles in scientific journals which summarise practical research finding of the works carried out in the University and shall be the Chairman of the Editorial Board of Cheiron, the Tamil Nadu Journal of Veterinary Science;
- ❖ He may represent, under the direction of the Vice-Chancellor the University in conferences regarding research;
- ❖ He shall be the principal liaison officer for detailing with aid granting agencies such as ICAR, UGC, DST, FERRO, etc., and other private agencies;
- ❖ He shall work in close consultation with the Deans of Colleges and the Director of Extension Education in formulating research policies and programmes of the University and ;
- ❖ He shall be the Member-Secretary of Research Council, formulate and present research policies and projects to the Research Council for its consideration.
- ❖ He shall exercise such powers and perform such duties in the research activities as may be directed by the Vice-Chancellor.

## **Director of Extension Education**

- He shall plan and execute all extension programmes and activities in close consultation and cooperation with the Deans and the Directors.
- ❖ He shall be directly responsible to the Vice-Chancellor for effecting close collaboration and coordination of the extension work based on the record of the University with the Departments of Animal Husbandry and Fisheries, Tamil nadu Poultry Development Corporation, Tamil Nadu Fisheries Development Corporation, Tamil Nadu Co-operative Milk Producers' Federation Limited, etc. of the State Government.
- \* He shall be, under the direction of Vice-Chancellor, the principal liaison officer for dealing with such agencies that are concerned in the matter of extension education.
- \* He shall guide and supervise the working of the communication centre dealing with publications, bulletins, popular articles, etc., audio visual aids, Radio, Press and other materials directed towards the successful implementation of the extension education programmes.
- ❖ He may represent the University in conferences regarding extension education and shall be the Member-Secretary of Extension Education Council.
- He shall supervise and control the extension education activities of the University.
- He shall be in close consultation with the concerned Government Departments and be responsible to provide them with the improved research findings of the University and shall further, in consultation with the concerned Government Departments, cause to publish extension bulletins, circulars, news articles and press releases which summarise important research findings for the benefit of the farming community.

- He shall be Member-Secretary of the Extension Education Council and formulate and present to the Extension Education Council policies and programmes of the Extension Education activities of the University.
- ❖ He shall exercise such powers and perform such duties in extension education, as may be directed by the Vice-Chancellor.

## **Director, Centre for Animal Production Studies**

- ❖ He shall be responsible for co-ordination and integration of research programmes in Animal Breeding, Animal Nutrition, Animal Production and Animal Management disciplines of the University.
- \* He shall be responsible for setting up of model farms of livestock and poultry for transfer of need-based appropriate technologies for the benefit of the farmers.
- \* He shall be Ex-officio Chairman of Livestock Production Committee of the University and shall work with Government Departments for evolving a suitable animal breeding and production policy for the entire State.
- ❖ He shall work in close collaboration with Deans of the Colleges and Directors of Research and Extension Education of the University.
- He shall have technical control and be the Co-ordinating Officer of Research for the Department of Animal Genetics and Breeding, Animal Nutrition, Dairy Science, Poultry Science, Meat Science & Technology and Livestock Production and Management of the Colleges and research farms of the University.
- ❖ He shall have the administrative control of the Livestock and Poultry Research Stations of the University.
- ❖ He shall perform such other functions, as directed by the Vice-Chancellor to be carried out by him from time to time.

## **Director, Centre for Animal Health Studies**

- He shall be responsible for diagnosis / prevention / control / elimination / eradiction of animal disease in organised farms of the State.
- \* He shall be the principal Co-ordinating Officer for the integration of animal disease investigation and control of the University and other Government Departments.
- ❖ He shall have the direct administrative control of the Veterinary University Training and Research Centres.
- \* He shall have the technical control and be the Co-ordinating Officer of Research for the Departments engaged in diagnosis/prevention/control of animal diseases, viz., Veterinary Pathology, Veterinary Microbiology, Veterinary Parasitology, Veterinary Epidemiology and Preventive Medicine of the colleges and Veterinary University Training and Research Centres.
- ❖ He shall be the Ex-officio Chairman of the Animal Disease review Committee of the University and shall report to the Vice- Chancellor the disease position of the University /State.
- ❖ He shall perform such other duties as directed by the Vice- Chancellor to be carried out by him from time to time.

## **Director of Clinics**

- ❖ He shall be responsible for the overall management of the Veterinary Hospitals / Dispensaries of the University.
- ❖ He shall be responsible for the planning and supervision of research in clinical subjects in all campuses of the University;
- ❖ He shall identify field problems related to management of sick animals in different areas of Tamil Nadu and also design an integrated approach for solving the clinical problems.

- ❖ He shall have technical and administrative control of Veterinary Hospitals and department of Clinics and be responsible for the modernisation and strengthening of the facilities for treatment of animals to support teaching and training at different levels and also to co-ordinate clinical research efforts in various campuses of the University.
- He shall function in close collaboration with Deans of Colleges, Director of Research and Director of Extension Education.
- ❖ He shall be the technical controlling Officer and Co- ordinator of Research for the Department of Veterinary Clinical Medicine, Ethics and Jurisprudence, Veterinary surgery and Radiology, Animal Production Gynaecology and Obstetrics, Clinics and Veterinary Pharmacology and Toxicology. He shall be Ex-Officio Chairman of the Hospital Management Committee of the University. Therapeutics, Surgery, and and Clinics. He shall be Ex-officio Chairman of the Hospital Management Committee of the University.
- ❖ He shall perform such other duties as directed by the Vice- Chancellor to be carried out by him from time to time.

## **Estate Officer**

- ❖ The duties and responsibilities of the Estate Officer shall be,
  - ★ to maintain buildings and other physical facilities of the University;
  - ★ to plan and direct the construction or alteration of University buildings and grounds as ordered by the Vice- Chancellor;
  - ★ to provide and supervise the supply of electricity, water, telephones and other services;
  - ★ to provide for the installation, use and maintenance of University equipment in co-operation with other officers of the University;
  - ★ to develop master plans for new campuses/research stations;
  - \* responsible for safety in electrical installations; and
  - ★ He shall be the Ex-officio Chairman of the Building Committee.
  - ★ He shall perform such other functions as directed by the Vice-Chancellor from time to time.

## **Controller of Examinations**

- The Controller of Examinations shall have the following duties and responsibilities:
  - ★ Maintenance of all academic records pertaining to examinations.
  - ★ Responsible for fixing up the dates, Examiners, verification of mark lists, etc. under the semester pattern of education.
  - ★ Verification of all grade charts, transcript cards and other related records.
  - ★ Co-ordination with the examination committee of the University for the Under-graduate and Post-graduate programmes.
  - ★ He shall be responsible for performing such other duties as directed by the Vice-Chancellor.

# FINANCIAL POWERS

Si.	Nature of Power	Vice- chancellor	Registrar	Deans, Directors and Professors as Heads of Research Stations	Heads of Departments	Heads of centres	Finance Officer	Estate Officer
_	Purchase of books, periodicals, maps, diskettes, microfilms, etc. (academic, technical and office reference)	Full Powers	Up to Rs.20,000 at a time	<ul> <li>(a) Dean – No limit</li> <li>(b) Directors - up to</li> <li>Rs.20,000 at a time</li> <li>(c) Professors as Heads</li> <li>of Research Station up to Rs.20,000 p.a.</li> </ul>	Rs.10000 p.a.	Up to Rs.4,000 p.a.	Up to Rs. 4000 p.a.	Up to Rs. 4,000 p.a.
2	Purchase of stationery for office use	Full Powers	t.	<ul> <li>(a) Director of Research Rs.40,000 p.a.</li> <li>(b) DCAHS / DC / DEE / DCAPS / DDE Rs.60,000 p.a.</li> <li>(c) Faculty Dean (Veterinary) Rs.30,000 p.a.</li> <li>(d) Dean, MVC Rs.80,000 p.a.</li> <li>(e) Dean, Basic Sciences / VCRI, / Food Science Rs.40,000 p.a.</li> <li>(f) Professor and Head of Research Stations Rs.20,000 p.a.</li> </ul>	Up to Rs.10,000 p.a.	Up to Rs.6,000 p.a.	Up to Rs.20000 p.a.	Up to Rs.20000 p.a.
ε 4	Printing Works.  To rent or lease building or land for University.	Full Powers	Up to Rs.25,000 at a time Up to Rs.10,000 p.m. in each case	Up to Rs.10,000 p.m. in each case	Up to Rs. 10,000 p.a.	Up to Rs.10,000 p.a.	Up to Rs.20,000   Up to Rs.5,000 p.a. p.a. p.a	Up to Rs.5,000 p.a.
S	(a) Purchase of apparatus, Lab equipments, electric and electronic instruments, farm machinery and other stores including aprons, Laboratory towels and repairs to equipments and machinery	(a) Rs.30 lakhs at a time (b) No monetary limit in case of schemes financed by NARP / ICAR / GOI and other agencies	Rs.1. 00 lakh at a time	<ul> <li>(a) Up to Rs.1.00 lakh at a time for Deans and Directors</li> <li>(b) Up to Rs.50,000 for Professors as Heads of Research Stations</li> <li>(c) Up to Rs.1.00 lakh at a time for Deans only in respect of ICAR Development Grant</li> </ul>	Up to Rs.50,000 at a time	Up to Rs. 10,000 at a time		Up to Rs.10,000 at a time
	(b) Materials for Printing Press (i) Special paper	Full Powers	Up to Rs. 1.00 lakh at a time	Up to Rs.1.00 lakh at a time	::	::	:	:
	(ii) Other materials like type block making ink and spare parts	Full Powers	Up to Rs.50,000 at a time	Up to Rs.50,000 at a time		::	::	:
	(c) Purchase of CD, DVD, Pen Drive, Computer Software accessories, repairs and maintenance of office equipments	Full Powers	Up to Rs. 10,000 at a time	Up to Rs.20,000 at a time	Up to Rs.5,000 p.a.	Up to Rs.5,000 p.a.   Up to Rs.10,000   Up to Rs.10,000 at a time at a time	Up to Rs. 10,000 at a time	Up to Rs.10,000 at a time

Specim specim specim and fundamental funda	Lab or Agro Chemicals, Medicines / Surgical instruments, drugs, specimens etc.			Heads of Research Stations	Departments	Heads of centres	Officer	Officer
		Full Powers	Up to Rs.20,000	(a) Up to Rs.50,000 at a time for Deans, Directors	Up to Rs.25,000 at a time	Up to Rs.5,000	:	::
				(b) Up to Rs.25,000 at a time for Professor		at a time		
				(c) Up to Rs.1.00 lakh at a time for Deans only in respect of ICAR Development Grants.				
(b) Ref	(a) Purchase and repairs of furniture for office and lab. use	Full Powers	::	:	::	:	:	
lai lai	(b) Repairs of furniture of office, lab, rest house	Full Powers	Up to Rs.25,000 at a time	Up to Rs.25,000 at a time	Up to Rs.5,000 at a time	Up to Rs.5,000 at a time	Up to Rs.5,000 at a time	Up to Rs.5,000 at a time
8 Construand rep	Construction / Petty Construction and repairs for original works and	(a) Up to Rs.50.00 lakhs at a time	Up to Rs.5.00 lakhs at a time	Up to Rs.2.00 lakhs at a time	1	Up to Rs.25,000/- at a time	Up to	Up to Rs. 1.00 lakh at
repairs to build installa works	repairs to buildings, roads, electrical installations, fencing and other works	(b) No monetary limit in case of schemes financed by GOI / ICAR and other agencies					a time	a D
9 Conduction and part purchase purpose	Conduct of Exhibition and Fairs and participation, including purchases of materials for purposes of exhibition etc	Full Powers	Up to Rs.50,000 at a time	at a time (a) Up to Rs.25,000 at a time for Deans and Directors only (b) Heads of Stations Rs.10,000 at a time	Up to Rs.5,000 at a time	Up to Rs.5,000 at a time	:	!
Free su 10 specim	Free supply of seeds and specimens to institutions	Full Powers	Up to Rs.20,000 p.a.	Up to Rs.10,000 p.a.	Up to Rs.5000 p.a.	Up to p.a.	:	
11 Purcha copier 1 multífu / printe	Purchase of Computers, Xerox copier machine, Laser printer, multifunctional copier / printer, Fax machine etc.,	Full Powers	Rs.1. 00 lakh at a time	(a) Up to Rs.1.00 lakh* at a time for Deans and Directors.  (b) Up to Rs.50,000* for Professors as Heads of Research Stations  (c) Up to Rs.1.00 lakh* at a time for Deans only in respect of ICAR Development Grant	!	!	!	
12 To sanction eventertainment functions etc.	To sanction expenditure on entertainments, University functions etc.	Full Powers	Up to Rs.25,000 at a time	at a time (a) Up to Rs.25,000 p.a. for Deans and Directors.  (b) Rs.10,000 p.a. for Professors as Heads of Research Stations	:	:	:	
To sance Ministe convey	To sanction over time allowance to Ministerial and supporting staff and conveyance charges.	Full Powers	Up to Rs.20,000 p.a.	::	!	:	:	
14 Purcha with sp fittings	Purchase of motor vehicle with special accessories extra fittings for University use.	Rs.25 lakhs at a time	:		:		::	::

S. No.	l. Nature of Power	Vice- chancellor	Registrar	Deans, Directors and Professors as Heads of Research Stations	Heads of Departments	Heads of centres	Finance Officer	Estate Officer
1	15 Maintenance, running charges, repairs and replacement charges, insurance on University vehicles	Full Powers	Up to Rs.10,000 at a time	Up to Rs. 10,000 at a time	Up to Rs.5,000 at a time	Up to Rs.5,000 at a time	:	Up to Rs.10,000 at a time
	16 Photographic charges including purchase of photographic materials	Full powers	Full powers	Full powers	Up to Rs.3000 at a time	Up to Rs.3000 at a time	1	Up to Rs.3,000 at a time
17	7 Advertisement charges	Full Powers	Full Powers	Full Powers for Deans and Directors only	::	::	:	:
18	8 Purchase of electrical goods and bulbs	Full Powers	Up to Rs.10,000 at a time	Up to Rs.10,000 at a time	Up to Rs. 2,000 at a time	Up to Rs. 1,000 at a time	:	Up to Rs.20,000 at a time
	19 Electric current consumption charges	Full Powers	Full Powers	Full Powers		Full Powers	:	Full Powers
7	20 To purchase and sell livestock and birds and other experimental animals	Rs.30.00 lakhs at a time	Up to Rs.1.00 lakh at a time	Up to Rs. 1.00 lakh at a time for Deans, Directors Up to Rs.50,000/- at a time for Professors	Up to Rs.50,000 at a time		::	:
21	1 To purchase bicycles for office use	Full Powers	Full Powers	Full Powers for Deans and Directors only	Sanction for repairs and renewal of spares only	Sanction for repairs and renewal of spares only	Full Powers	Full
22	2 Office expenses and contingencies including hot and cold weather charges and freight charges	Full Powers	Full powers	Full Powers	Rs. 10,000 p.a.	Rs. 10,000 p.a.	Rs. 20,000 p.a.	Rs. 10,000 p.a.
23	3 Binding of books and records	Full Powers	Full Powers	Full Powers	Rs.5,000 p.a.	Rs.3,000 p.a.	Rs.5,000 p.a.	Rs.5,000 p.a.
24	4 To sanction supply of uniforms and clothing of University employees and supply of rain coats to drivers	Full Powers	Full Powers	Full Powers	Full Powers	Full Powers	Full Powers	Full
7	Working expenses on farms and Research Stations, Repairs Upkeep and maintenance of cattle, cultivation, cost of labour, purchase of seeds and plants manures, chemicals, gunnies	Full Powers	Full Powers	Full Powers	Full Powers	Full Powers		:
	(a) Wages payable to security personnel, sanitary workers engaged through private agencies etc	Full Powers	Full Powers	Full Powers	Full Powers	Full Powers		Full Powers
2	26 Experimental cultivation charges	Full Powers	Full Powers	Full Powers	Full Powers	Full Powers	:	:
27	7 Employment of menials paid from contingencies including Casual Labour	Full Powers	:		-	:	:	
28	8 Games, Sports and Physical exercise provision, maintenance of games courts and athletic fields	Full Powers	Up to Rs. 1.00 lakh p.a.	Up to Rs. 1.00 lakh p.a. for Deans only	:	:	!	:

SI.	Nature of Power	Vice- chancellor	Registrar	Deans, Directors and Professors as Heads of Research Stations	Heads of Departments	Heads of centres	Finance Officer	Estate Officer
29	Hostel - Purchase of furniture, cooking, crockery TV etc. and repairs	Up to Rs.15 lakhs at a time	::	Up to Rs. 1.00 lakh p.a. for Deans only	::	:	!	
	(a) Repairs of broken window etc	Full Powers	Up to Rs.10,000 at a time	Rs. 10,000 at a time for Warden	:	:	:	
30	Rest House – Purchase of furniture, crockery and other furnishing materials (*subject to specific allocation of funds)	Up to Rs.15 lakhs at a time	Rs.50,000 at a time	* Rs.50,000 p.a.	:	* Up to Rs.10,000 p.a.	-	* Up to Rs.50,000 p.a.
31	Refreshment charges, supply of light refreshment during meetings, seminars, conferences and visit of VIPs working lunch and other such charges	Full Powers	Up to Rs.25,000 p.a.	(a) Rs.25,000 p.a. for Deans and Directors (b) Rs.6,000 p.a. for Professors as Heads of Research Stations	Rs.5,000 p.a.	Rs.5,000 p.a.	Rs.5,000 p.a.	Rs.5,000 p.a.
32	Dispensary – Hospital furnishing, pharmaceuticals, medicines, surgical and other allied instruments, diet articles	Full Powers	Rs.1.00 lakh p.a.	Rs.1.00 lakh p.a.	:	-	-	
33	To sanction payment of demurrage warfage charges etc.	Full Powers	Full Powers	Full Powers	Rs.2,000 p.a.	Rs.2,000 p.a.	Rs.2,000 p.a.	Rs.2,000 p.a.
34	Tour expenses including bata to students	Full Powers	Full Powers	Full Powers	:	:	:	:
35	Write-off:  (a) Irrecoverable value of stores or public money lost through negligence or other causes and unprofitable outlay on work	Up to Rs.1.50 lakh at a time	Up to Rs.10,000 at a time	Up to Rs. 10,000 at a time	Up to Rs.10,000 at a time	Up to Rs.500 at a time	Up to Up to Up to Rs.1000 at a time time	Up to Rs.10,000 at a time
	(b) (i) Dead stock including, stationery, furniture lost or become unserviceable	Up to Rs.6 lakhs at a time	Rs.10,000 at a time	Up to Rs. 10,000 at a time	Up to Rs.1000 at a time	Up to Rs. 1000 at a time	:	Up to Rs.10,000 at a time
	(b) (ii) Livestock value of birds, animals culled or lost or dead	Up to Rs.15 lakhs at a time		Rs.50,000 at a time for Deans and Directors Rs.30,000 at a time for Professors as Heads of Research Stations		:		:
	(c) Book value of animals / birds sold out	Limited to purchase powers				::	:	:
	d) Cost of articles become unserviceable due to fair, wear and tear	Limited to purchase power	Limited to purchase power	Limited to purchase power	Limited to purchase Dower	Limited to purchase power	Limited to purchase power	Limited to purchase power
	(f) The value of books and publications of the Library found lost, damaged, unaccounted for or found short during stock verification	Up to Rs.1.00 lakh p.a	Up to Rs.10,000p.a.	Up to Rs.10,000 p.a.	::	:	:	:

SI.	Nature of Power	Vice- chancellor	Registrar	Deans, Directors and Professors as Heads of Research Stations	Heads of Departments	Heads of centres	Finance Officer	Estate Officer
	(g) Cost of obsolete publications	Full Powers	Full Powers	Full Powers	Full Powers	Full Powers	:	:
	(h) Cost of Glassware articles due to breakages by students and staff	Full Powers	Full Powers	Full Powers for Deans and Directors only	Rs. 4,000 p.a.	Rs. 4,000 p.a.	:	:
	(i) Conversion of seed into grain and to write off the value of negative difference	Full Powers		::		:	:	
36	36 Limited tender system for purchase of special apparatus, equipments, chemicals etc.	Up to Rs.10.00 lakhs at a time	Up to Rs.5.00 lakh at a time	Up to Rs.5.00 lakh for Deans and Directors at a time		::	::	::

\* The existing financial powers delegated to the Officers of the University under Appendix XIV of the Regulations for delegation of 50% of financial powers exercised by HODs/Research Stations / Units to Principal Investigators of externally funded projects shall be included under Appendix XIV of the Regulations.

**6.6.1.5 Supporting Units** (Whether the University has established maintenance Cell, SC/ST Cell and Health facility and what is the present mode of functioning of these units to support the student, staff and University infrastructure?)

Has the University established maintenance Cell, SC/ST Cell and Health facility?: YES

## **Maintenance Cell**

At University level, an Estate Office is functioning under the Estate Officer, who is in Superintending Engineer cadre. He is supported by a team of civil, electrical and mechanical engineers. They maintain buildings and other physical facilities of the University; plan and direct the construction or alteration of buildings and grounds; provide and supervise the supply of electricity, water, telephones and other services; provide for the installation, use and maintenance of University equipment; develop master plans for new campuses/research stations; ensure safety in electrical installations. In addition, Bio-Engineering Sections were established and functioning in each college/ institute campuses to carry-out the maintenance task.

## SC / ST Cell

The SC/ST Cell was established and functioning in the University as per UGC Guidelines of 1998. The Cell exclusively looks after the matters related to SC/STs and acts as a Grievances Redressal Cell for the grievances of SC/ST students and employees of the university and render them necessary help in solving their academic as well as administrative problem, besides following all other guidelines of the UGC. The current structure/members of SC/ST cell is/are given below:

Dr. T.Sathiamoorthy, PhD	Nodal Officer
Professor and Head,	
Veterinary University Peripheral Hospital,	
Madhavaram Milk Colony, Chennai-600 051	
M: +91-9841468829	
Email: sathiamoorthy.t@tanuvas.ac.in	
Dr. S.Paramasivan, PhD	Member
Professor and Head,	
Department of Veterinary Anatomy, Veterinary	
College and Research Institute, Tirunelveli	
M +91-9443767046	
Email: paramanatomy@rediffmail.com	
Dr. K.Nagarajan, PhD	Member
Assistant Professor,	
Department of Veterinary Pathology, Madras	
Veterinary College, Chennai – 600 007.	
M: +91-9710309904	
Email: <u>nagarajan.k@tanuvas.ac.in</u>	
Tmt. R.Manogara	Member
Superintendent,	
O/o the Dean, Madras Veterinary College, Chennai	
- 600 007.	
Thiru. R.Gopinath	Member
Assistant Engineer (Civil),	
Bio-Engineering Section, Madras Veterinary	
College, Chennai – 600 007.	

## **Health Facility**

Every college/ institute has a health facility in hostel premises and the physician visit is scheduled for periodical health check-up of desiring students and staff.

- **State Government Health Insurance for University Staff:** The New Health Insurance Scheme implemented by the Government of Tamil Nadu is adopted for the welfare of University staff.
- ❖ Student Health Insurance Scheme: All the undergraduate Students of the constituent colleges of the University are being covered under the Students Group Insurance Scheme throughout the study period including internship.

## Madras Veterinary College, Chennai

- ❖ A total of 3232 students had availed insurance from state and central governments as well as University and private sponsors, worth 634.05 lakhs from 2014-2019. Group insurance schemes
- All students and their parents are covered under group insurance scheme from the day they register as students in the college. The insurance cover is for health related reasons as well as loss caretakers and is renewed automatically until their tenure as students. Three students had received insurance worth 2.98 lakhs for hospitalization expenditure as well as loss of both parents

## Veterinary College and Research Institute, Namakkal

- Regular health camps are conducted every year for students and status of health and illness is recorded and monitored through student health card.
- The insurance scheme covers Rs. 1,00,000 for hospitalization and Rs.5,00,000 for partial or total disability of students /loss of earning parent

Year	Agency	No. of students & parents insured	Total Premium paid (Rs. in lakhs)
2015 -16	The Oriental Insurance Company	876	1.53
2016 -17	The Oriental Insurance Company	758	1.32
2017 -18	The Oriental Insurance Company	784	1.32
2018 -19	The New India Assurance Company	806	1.39
2019 -20	The Oriental Insurance Company	956	1.64

## **Veterinary College and Research Institute, Orathanadu**

Students are insured with Oriental Insurance Company Ltd by paying a premium of Rs.349/-(including GST) per student. Totally, 377 UG students were benefited.

Year	Agency	No. of students insured	Total Premium paid (Rs. in lakhs)
2015 -16	The New India Assurance Company	120	0.42
2016 -17	The New India Assurance Company	180	0.63
2017 -18	The New India Assurance Company	240	0.84
2018 -19	The New India Assurance Company	250	0.88
2019 -20	The Oriental Insurance Company	320	1.15

## Veterinary College and Research Institute, Tirunelveli

Students are insured with Oriental Insurance Company Ltd, Tirunelveli by paying a premium of Rs. 359.98 (including GST) per student.

Year	Agency	No. of students insured	Total Premium paid (Rs. in lakhs)
2015-16	The Oriental Insurance Company	168	0.59
2016-17	The Oriental Insurance Company	188	0.66
2017-18	The Oriental Insurance Company	228	0.80
2018-19	The Oriental Insurance Company	270	0.95
2015-16	The Oriental Insurance Company	168	0.59

## College of Food and Dairy Technology, Koduvalli

All the undergraduate Students of this college are being covered under the students group insurance scheme throughout their study period including their in-plant training.

## College of Poultry Production and Management, Hosur

All the undergraduate Students of this college are being covered under the students group insurance scheme throughout their study period including their in-plant training. All the students were insured in The New India Assurance Co. Ltd. Namakkal by paying a premium of Rs. 345.38 (including GST) per student.

## **Other Facilities**

In addition to maintenance Cell, SC/ST Cell and Health facility, the University has established/created many committees and facilities to support the student, staff and University infrastructure. Some of them are narrated in the section that follows.

## (a) Students Welfare Committee

- The Students welfare committee formulates the rules for monitoring conduct, health and welfare measures of the students.
- The Committee shall take active role in implementing the following welfare measures:-
  - ★ To look into the formation of "The Students Association" for each college and its function and shall also guide and supervise the activities and help to develop their extra curricular activities.
  - ★ To help to organize various cultural programmes at College/Inter- College/University level to develop their talents.
  - ★ To suggest/organise coaching class for the students for the various competitive examinations like, ICAR Fellowship, ARS, IAS, IPS, etc.
  - ★ To explore the possibility of forming a placement cell to help the students for employment/ overseas studies.
  - ★ To look into the creation of a "Medical Checkup Unit" for upkeep of the health of the students, by having a tie-up programme with World University Service.
  - ★ To co-ordinate with the Programme Officer of N.S.S. and N.C.C. of different colleges and organise literacy campaign, tree planting, blood donation, social and other animal husbandry developmental activities in the villages.
- The composition of committee is as below:
  - ★ Faculty Dean (Vety.)
  - ★ Vice-President, MVC Students Association, Chennai
  - ★ Dean, MVC, Chennai
  - ★ Registrar, TANUVAS, Chennai
  - ★ Warden, MVC Hostel, Chennai
  - ★ Warden, VC & RI Hostel, Namakkal
  - ★ Vice-President, VC & RI Students Association, Namakkal
- **(b) Students Grievances Redressal Committee:** University Students Grievances Redressal Committee will look in to the complaints lodged by any student and judge on its merits. The objective of the Students Grievances Redressal Committee is to develop a responsive and accountable attitude among all the stakeholders in order to maintain a harmonious educational atmosphere. Students Grievances Redressal Committee has been constituted for the redressal of the problems reported by the students of TANUVAS constituent colleges with the following functions.
  - Redressal of Student's Grievances of any nature like academic, social administrative etc.,
  - To ensure the grievances are resolved promptly, neutrally and in complete confidentially by following principles of justice with an impartial and fair approach with in a stipulated time.

- To co-ordinate between aggrieved students' and the Dean / USGRS by sending report or recommendations relating to the grievances by e-mail at present.
- An exclusive student grievance redressal portal will be made available soon with aims to function as an intermediary between the Students, Institutions and the University. Following is the committee, currently:
  - ★ Dr.Ghadevaru Sarathchandra, Dean, Faculty of Basic Sciences as Chairman
  - ★ Dr.T.A.Kannan, Professor and Head, Education Cell, MVC as Member
  - ★ Dr.S.Kavitha, Professor and Head, Dept. of VCM, MVC as Member
  - ★ Mr.T.Kavin, Students' Representative as Member
  - ★ Anurag Borthakur, Students' Representative as Member

## (c) Grievances Committee

- Grievances Committee is established in the University, and it looks into the grievances received from teachers, other employees of the University and recognised service associations of the University.
- The current members of committee are as below:

Dr.P.Kumarasamy, Ph.D.,

Chairman

Controller of Examinations, TANUVAS,

Madhavaram Milk Colony, Chennai-600 051.

**Dr.P.Sridevi, Ph.D.**, Member

Professor, Department of Clinics,

Madras Veterinary College, Chennai-600007.

Dr. Thanga Thamil Vanan, Ph.D., Member

Professor and Head, Department of Livestock Production

Management, Madras Veterinary College, Chennai-600 007.

Dr.K.Sivakumar, Ph.D., Member

Professor and Head, Department of Livestock Production

Management, Veterinary College and Research Institute,

Namakkal – 637 002.

- **(d) Vice-President-Student's Association:** Vice-President of the Student's association in the constituent colleges of the University looks after all the co-curricular activities of the students. To create competitive spirit among students, various cultural events, sports, inter class competitions are being conducted regularly. Students of our college are participating in various district/zonal/state/National level competitions.
- **(e) University Students Counselling and Placement Cell (USCPC):** USCPC is a specialised unit established on 13.12.2007 with the objective of strengthening the process of providing the best possible career option, development of personality, creating scope for improving skills and human resource development activities among the students.
- **(f) Education Cell:** A separate Education cell is functioning in the six constituent Colleges –MVC, Chennai; VCRI Namakkal; VCRI Tirunelveli; VCRI, Orathanadu; CFDT, Koduvalli; and CPPM, Hosur consisting of Professor and Heads, Associate Professors, Assistant Professors in each college to monitor the academic activities and welfare of the students.
- (g) Student Support Cell: A student support cell was established at VCRI, Tirunelveli; VCRI, Orathanadu and CPPM, Hosur for the benefit of students to access through online web server technology, right from the student registration, issuing hall ticket, Board examinations mark/evaluation, result, report card and transcript card. It also assists students in obtaining government and institutional scholarships. It has necessary computers with internet facilities for the benefit of students.
- **(h) Anti-ragging Cell:** As per the guidelines of UGC, an Antiragging committee has been constituted at the institutional level at the six constitutional colleges of University to curb the menace of ragging at both college

and hostel campus. The committee with Dean as Chairman and it includes members from police department, Press, Student parents, member from NGO besides the faculties and wardens. Faculty members take rotations during the day and night to monitor the students in hostel campuses.

## (i) Ward Counselling

## Madras Veterinary College, Chennai

- A total of 75 ward counsellors (teaching faculty) have been allotted for 368 males, 287 females UG students. Ward counsellor meetings are conducted on weekly basis.
- Professional counsellor is invited to handle the students who face personal challenges in studies and college life.
- ❖ Male and female students are regularly counseled by the faculty.
- **A** Career guidance is given to all the students during the course of the degree programme.
- Orientation programme is conducted for the year undergraduate and postgraduate students to understand about course curriculum.
- ❖ Ice breaking ceremony is conducted for the undergraduate students to accustom to new learning environment.
- Over the last 5 years, 26 programmes were conducted for the health-related activities of students and a total of 964 students were benefitted.
- One industrial training programme through NAHEP was organized and 51 students were trained.
- ❖ Various programmes were conducted for personality and career development and a total number of 319 pre-final students benefited out of this in the last five years.
- Over the last 5 years, 14 physical education training programmes have been organized and 382 students were benefited.
- Six students warm up and fitness training programme (45-50 students/programme) and one yoga practice session (50 students) was organized for the benefit of sports students.
- Under the National Service scheme 30 number of programmes viz. eye camp. blood donation camp, general health camp and Yoga awareness were conducted in the last 5 years. A total number of 3628 general public, farmers and student volunteers were involved in these activities.
- Conduct of Coping with academic setback and preparing for success for the 2018-19 batch CAP students on 05.11.2019 between 5.30 to 7.00 PM at APJ Abdul Kalam Study centre at MVC Hostel under NAHEP by a practicing psychologist and academician.

## Veterinary College and Research Institute, Namakkal

- A total of 96 mentors (teaching faculty) have been allotted for 417 UG students. Mentor/counsellor meetings are conducted on weekly basis.
- The details are presented in the Table below.

Voor	No. of mentors		No. of Students	
Year	Male	Female	No. of Students	
2014-15	5	2	19	
2015-16	10	6	82	
2016-17	11	6	82	
2017-18	14	5	83	
2018-19	16	5	82	
2019-20	13	3	82	
Total	69	27	417	

- ❖ Career orientation program" for the U.G pre final year and PG students (56 students)
- Career guidance programme on "Preparedness to face the Competitive Challenges in the Veterinary Practice" is organised every year before internship programme.

- \* "Engaging Budding Vets" programme for undergraduate students was conducted on 30.07.2018.
- Personality development training in collaboration with Anna Institute of Management, Government of Tamil Nadu for teaching staff (199); PG students and final year UG. students (95); Ministerial staff (40); Technical and Supporting staff (188).
- Communication and Soft skills training to Undergraduate students by World Bank approved Consultant Mrs.R.Radha, Smart Series, Bangalore under ICAR- IDP – NAHEP programme for two days for 395 UG students in 2019.
- Hands on training by adjunct faculty to 45 undergraduate students on molecular dianostics and Clinical Practice in VGO by adjunct faculty from North Dakota State University and Oklahama State University, USA
- Externship programme for UG students -14 students were trained at Washington State University, Oklahoma State University, University of Georgia, Virginia Polytechnic, USA for a period of 45-60 days from 2016-19

## Veterinary College and Research Institute, Tirunelveli

- A mentorship programme is on-going and a total of 18 mentors (teaching faculty) have been allotted for 78 UG students. Mentor/ counsellor meetings are conducted on weekly basis.
- The details are presented in the Table below.

Voor	No. of mentors		No. of students	
Year	Male	Female	Boys	Girls
2014-15	5	2	11	7
2015-16	11	1	26	28
2016-17	12	3	38	20
2017-18	13	3	43	35
2018-19	12	4	46	34
2019-20	15	3	37	41

## **Veterinary College and Research Institute, Orathanadu**

❖ A mentorship programme is on-going and the details are presented in the Table below.

	No. of mentors		No. of students	
Year			Molo	Female
	Male	Female	Male	remate
2014-15	2	-	7	3
2015-16	10	3	35	21
2016-17	11	1	34	28
2017-18	14	6	46	32
2018-19	11	3	42	39
2019-20	13	3	44	35

Mentor/ counsellor meetings are conducted on weekly basis.

## College of Food and Dairy Technology, Koduvalli

College of Food and Dairy Technology, Koduvalli offers two UG degree programmes and the details of mentorship offered is presented in the tables below. Mentor/ counsellor meetings are held monthly.

The B.Tech (Food Technology)

Vacu	No of mondons	No. of students		
Year	No. of mentors	Male	Female	
2016-17	04	12	08	
2017-18	07	11	15	
2018-19	07	13	20	
2019-20	07	16	18	

## **B.Tech (Dairy Technology)**

Voor	No. of mentors	No. of students		
Year	No. of mentors	Male	Female	
2016-17	04	10	09	
2017-18	02	05	04	
2018-19	04	07	09	
2019-20	04	05	11	

## College of Poultry Production and Management, Hosur

College of Poultry Production and Management, Hosur offers one UG degree programme and the details of mentorship offered is presented in the table below. Mentor/ counsellor meetings are held weekly.

Year	No. of mentors	No of students	
	- 101 0	Male	
2016-17	6	15	4
2017-18	5	21	10
2018-19	3	15	8
2019-20	4	14	10

## (i) Student Scholarships

The students received financial assistance in the form of various scholarships offered. The institution-wise details are presented in the section that follows.

## Madras Veterinary College, Chennai

Year	No. of students benefitted	Total Amount (Rs. in lakhs)	Details (No.) of scholarship
2014-15	688	98.57	State Government-6; Central Government-6; University/endowment/private scholarships-9
2015-16	626	157.00	State Government -7; Central Government-8; University/endowment/private scholarships-8
2016-17	592	107.83	State Government-3; Central Government-6; University/endowment/private scholarships-3
2017-18	685	123.04	State Government-8; Central Government-7; University/endowment/private scholarships-11
2018-19	641	147.61	State Government-7; Central Government-7; University/endowment/private scholarships-12

## Veterinary College and Research Institute, Namakkal

- ❖ Post metric scholarship, Chief Minister Award, SC/ST Special Scholarship, higher education scholarship, Pattukottaialagiri scholarship, Arcot Prakash Rao Scholarship, Pulavar S.N. Ramasamy Scholarship, BC/MBC scholarship and VETRI Trust Scholarship are offered to the tune of Rs.29.90 lakhs during 2018-19. There are 7 endowments exclusively instituted to this college to honour meritorious students to the tune of Rs. 3.5 lakhs.
- Percentage of students receiving Scholarship is 84.37%. The details are presented in the Table below.

Type of Scholarship	Academic Year	No. of students	Amount
		benefited	(Rs. in lakhs)
BC/MBC/SC/	2014-15	342	38.75
ST/ PG TANUVAS/	2015-16	305	43.77
NTS	2016-17	247	48.29
	2017-18	272	47.15
	2018-19	236	45.35

### Veterinary College and Research Institute, Orathanadu

Financial assistance to the students in the form of various scholarship viz., Post metric scholarship, Chief Minister award, SC/ST Special Scholarship are being offered. In addition students of this college have also received financial assistance from eight different scholarships of TANUVAS. There are 4 endowments exclusively instituted to this college to honour meritorious students. The details are presented in the Table below.

A aadamia waan	Type o	Amount		
Academic year	BC& MBC	SC& ST	Others	(Rs.in lakhs)
2014-15	70	52	0	9.03
2015-16	88	61	5	13.5
2016-17	127	75	11	17.45
2017-18	155	84	23	27.45
2018-19	152	98	29	38.74
Total	592	370	68	106.21

### College of Food and Dairy Technology, Koduvalli

A aadamia Vaan	Type of Scholarship			Amount
Academic Year	BC & MBC	SC & ST	Total	(Rs.in lakhs)
2014-15	38	78	116	10.44
2015-16	24	64	88	9.90
2016-17	27	57	84	9.70
2017-18	34	59	93	15.13
2018-19	38	64	102	17.91
	63.08			

- Post graduates scholarship for M.Tech and Ph.D. scholarship are sanctioned by the University.
- Ph.D. students are also recipients of fellowship sanctioned by Ministry Tribal Affairs.

### College of Poultry Production and Management, Hosur

Financial assistance to the students is provided in the form of various scholarship viz., Harijan Welfare and Backward Class scholarships, Central Government, State Government and scholarships from other agencies and financial assistance from Tamil Nadu Agricultural Labourer's – Farmers (Social Security and Welfare) Scheme are available for deserving candidates. Details of students received various scholarships is given below.

Academic year	Type of scholarship	No. of students benefited	Amount (Rs. in Lakhs)
2016 17	BC/ MBC Scholarship	50	4.52
2016-17	SC/ST Scholarship	12	2.85
2017 10	BC/ MBC Scholarship	55	5.36
2017-18	SC/ST Scholarship	16	4.00
2018-19	BC/ MBC Scholarship	64	6.24
	SC/ST Scholarship	14	3.90

- **6.6.1.6 Technology support** [Information on Classroom technology (e.g. technology in rooms, computer labs) online learning tools, internet/WiFi connectivity, student systems (e.g.online enrollment), Business applications, help (e.g., set up of email, firewalls) and password resets being implemented at the University level]
  - All the constituent colleges and the university headquarters, which are individually networked through LAN, are also linked by WAN. A leased line Internet connectivity (1 Gbps) meets the Internet and Emailing needs of the faculty members and students. The students avail the Internet browsing services at free of cost in the elegantly designed Internet Kiosks and Computer Centres in the respective campuses.

- The University has also set to fully harvest the potential benefits of IT in the sector by promoting IT literacy among faculty and students, infusing of IT in to veterinary education and research and enabling use of multimedia in teaching and learning.
- Smart class rooms with interactive smart boards, LCD projector, wireless microphones are available.
- ❖ Wi fi Hotspots, Online Enrollment of students in student Information system, email for PG and UG students, password resetting by HODs Education cell.

### Website (www.tanuvas.ac.in)

\* TANUVAS website was created with a view to incorporate all the activities of the university under one portal. It has several windows like history of TANUVAS, structure and governance, constituent units, academic programmes, research resources and services. Under research category, ongoing schemes and salient research findings of the completed schemes are displayed. The website contents are updated periodically with the consent of website updation committee.

### **Details of computing facilities in campuses**

### **Madras Veterinary College**

- ❖ A 24x7 hours internet facility through 15 Wi-fi hubs is provided to the students inside the college and hostel campus.
- ❖ A total of 732 computers with internet facility (1GBPS) are available at Department of Animal Husbandry Statistics and computer applications, Library, Bioinformatics centre and Hostel for the students to access the Internet.
- MVC hostel has three computers with broadband (BSNL) internet connectivity for staff and students
- ❖ During the last 5 years, a total of 9220 students have accessed the Internet facilities for their educational purpose
- ❖ A total of 844 students got trained up by the BTIS in the field of Information retrieval system during their PG study
- ❖ In BTIS, a total of 735 students retrieved the information through internet, 340 students used in silico lab facilities, 333 students utilized the discovery studio
- Apart from the students from our college, 85 students from other colleges have also utilized the facilities at BTIS for their external projects and 23 students completed their studentship/traineeship.
- Activities of the students computer centre, internet kiosk and server station attached to the Department of Animal Husbandry Statistics and Computer Applications of Madras Veterinary College are furnished below:
  - ★ Hands on training on computer applications to both UG and PG students.
  - ★ Computer network management and provision of Internet and Intranet services; Facilitating communication through LAN and WAN within the colleges and University, across the colleges and University Headquarters.
  - ★ A new ASRB online examination centre is in operation with 100 systems.
  - ★ Scanning, network printing, electronic multicopying and digital photography facilities offered by this department are utilized by various departments.
  - ★ Periodic updation of TANUVAS website, www.tanuvas.ac.in, for the benefit of students and stakeholders with the approval of the Website Updation Committee.
  - ★ One GB net working connectivity
  - ★ The student computer centre provides a comprehensive environment for computing, browsing, e-mailing and networking, so as to improve the learning activity among students and enhance

the teaching effectiveness and research capability among faculty members. The major objectives of TANUVAS computer network are to establish and maintain a campus-wide network, to provide the faculty, students, and staff easy access to computers. The computer centre has 38 systems for the students and trainees to use and an Internet Kiosk with 20 systems is available to enable browsing by students and trainees.

Bioinformatics Centre: The Biotechnology Information System (BTIS) of TANUVAS was started during 1990-91 at Madras Veterinary College, Chennai, under the aegis of Department of Biotechnology, Government of India, New Delhi. This centre is equipped with the following facilities:

- CD ROM Data bases
- ❖ 10 computers for online and offline information retrieval, to facilitate training programmes and for the conduct of practical and project works of students of PG diploma in Bioinformatics
- ❖ A wetlab facility with gel electrophoresis, digital electronic balance, thermal cycler and UV-transilluminator for PG research
- Agricultural Research Information System Cell for internet browsing and online information retrieval
- During 2018-19, 348 scientists and research scholars of TANUVAS have utilized the online and offline facilities of this centre. A total of 13 students from outside colleges completed their projects. A total of six workshops of 5 days each have been conducted and 140 Scientists / Teachers / Farm Managers / Research scholars / U.G.& P.G Students were benefited.

### Veterinary College and Research Institute, Namakkal

- The Departments in Veterinary College and Research Institute, Namakkal Campus has a computer with LAN/WAN connections and Internet browsing also. The computer center attached to Department of Animal Husbandry Statistics and Computer Applications has about 30 numbers of computers for imparting Under graduate and Post graduate education and systems are connected with LAN/WAN and Internet browsing also.
- ❖ Internet facility provided (24x7) to all faculty and students at free of cost with double security mode. Total of 4064 nodes are available for usage.
- National Mission for Education ICT enabled the campus with 40 mbps Internet connectivity. The details of computing facilities for students are presented below.

Location	No. of systems	No. of Wi-fi hubs	Speed limit
Campus	30	26	40 mbps
Hostel	Own Laptops and mobiles	16	40 mbps
Library	17	2	2 mbps

### Veterinary College and Research Institute, Tirunelveli

- A computer laboratory with internet facilities and power back-up to accommodate 20 students at atime for computer applications and statistical analysis is available at Abhisekapatti campus.
- Twenty four hours internet facility is provided to the students inside the campus. 50 computers with internet facility are available for the students to access at the Library, Computer lab, Education cell and also in the Boy's and Girl's hostel with the band width of 10mbps.
- Smart Class room facility has been established in all the four lecture halls and UG labs in various departments for the better understanding of the subjects. Online undergraduate student information system (UGSIS) has been established at this college. The details of computing facilities for students are presented below.

Campus	No. of systems	No. of WiFi hubs	Speed limit
College	50	15	100 mpbs
Hostel	4	2	100 mpbs

### Veterinary College and Research Institute, Orathanadu

- ❖ A separate Computer Centre attached with Department of Animal Genetics and Breeding is functioning in Veterinary College and Research Institute, Orathanadu. In this centre a total of 15 computers with broadband connectivity to all the computers is available.
- The main objectives of this centre to:
  - ★ To teach Animal Husbandry Statistics and Computer applications subject to under graduate (B.V.Sc.,) students of Veterinary College and Research Institute, Orathnadu
  - ★ To provide internet access to the staff and students of Veterinary College and Research Institute, Orathnadu
  - ★ To manage computer network facility of Veterinary College and Research Institute, Orathnadu.
- Twenty-four hours internet facility is being provided to the students inside the campus. 50 Computers with internet facility are available for the students to access at the Library, Computer lab, Education cell and also in the Boy's and Girl's hostel with the band width of 10mbps.
- Smart Class room facility has been established in all the four lecture halls and UG labs in various departments for the better understanding of the subjects. Online undergraduate student information system (UGSIS) has been established at this college.
- ❖ Internet facility is provided to all the staff and students in the campus and hostels (both boys and girls) with a speed limit of 40 MBPS for surfing the internet for academic research and for their extension activities.
  - ★ In addition, the campus is having a WiFi facility and each user is provided with unique ID for accessing the WiFi for their official work.
  - ★ There is a separate cabin for the server room with air condition facility for the smooth functioning of the internet switches in order to provide the internet services inside the campus.
  - ★ Provided WiFi Internet services to 100-150 users and total no of systems/ computers/ laptop connected for day today activities with internet for : 210-250
  - ★ Pf sense firewall is used for monitoring the activities of the internet users with security from any malware attack.

### College of Food and Dairy Technology, Koduvalli

- Computer laboratory with 20 latest version of computer, dot matrix printers, scanner is acting as online knowledge centre cum library in providing the current informations from all over the world to the students and research scholars of this college. This online informative hub is constructed with the LAN and WAN connection with hi speed internet facility and facilitate transfer of knowledge. Online data bases such as BIS standards, e-books collections and CeRA connectivity for online reference collection and reprographic facility helps the students to plan latest and most innovative Undergraduate projects and post graduate dissertation research at CFDT. The 10kva UPS provides uninterrupted service to this laboratory.
- ❖ Internet facility is provided to staff and students both in College and Hostel campuses and it is being utilized by 207 students and 35 staffs. All the staff rooms are equipped with ethernet connection to access internet. The details of computing facilities for students are presented below.

Campus	No. of Computers	No. of wifi hubs	Speed limit
College	40	3	40 mbps
Hostel	120 (Laptops)	5	40 mbps

### College of Poultry Production and Management, Hosur

\* Twenty four hours internet facility is provided to the students inside the campus. 40 Computers with internet facility are available for the students to access at the Library and Computer lab with the band width of 10mbps.

Smart Class room facility has been established in all the four lecture halls for the better understanding of the subjects. The details of computing facilities for students are presented below.

Campus	No. of computers	No. of Wi-Fi hubs	Speed limit
College	41	02	10 Mbps

**6.6.1.7 Institutional Data Base and Website Update** [Whether the institutional extensive database of general and specific programs in partnering with peer universities, research institutions and government agencies are available in order to facilitate a wide variety of intellectual interactions and exchanges? Mention periodicity of website updating]

- ❖ UG-SIS (Student Information System) is developed in use
- On-line approval system for Continuing Professional Development (CPD) programs
- ❖ TANUVAS Staff Information System was developed.
- Research Project Management System was developed
- Extension Management System was developed
- ❖ Development of Academic Management System (AMS) is in progress
- Library journal Archives unit developed
- Online Public Access Catalogue is introduced
- Theses digitized and available for public use
- \* KOHA Web OPAC (Online Public Access Catalogue) introduced
- Digital Knowledge Resource Centre" established at MVC Library
- \* "Ezproxy System" introduced to ensure remote access to e-resources for all units of TANUVAS
- DSpace Digital Repository introduced
- \* CD ROM Data bases of research abstracts available for use by research scholars across the country.

TANUVAS website (www.tanuvas.ac.in) was created with a view to incorporate all the activities of the university under one portal. It has several windows like history of TANUVAS, structure and governance, constituent units, academic programmes, research resources and services. Under research category, ongoing schemes and salient research findings of the completed schemes are displayed. The website contents are updated periodically (sometimes even hourly, as required) with the consent of website updation committee.

**6.6.1.8 Interdepartmental Linkages** [Provide information on whether the University is currently adopting decentralized, participatory, adaptive, multifactorial demand supply side extension—research-academic approach; involving public, private and third sector (civil society) in research and extension programmes and strengthening capacity of farmers, researchers and extension workers. Provide a note on interdepartmental linkages the university is currently having in practice. Is the University cultivating the collaborative culture within subject and across subjects]

University is currently adopting decentralized, participatory, adaptive, multifactorial demand supply side extension–research-academic approach; involving public, private and third sector (civil society) in research and extension programmes and strengthening capacity of farmers, researchers and extension workers. The University is also cultivating the collaborative culture within subject and across subjects.

The University has a strong research base and support, where the Directorate of Research, TANUVAS is involved in strategic planning of research endeavours, promoting both independent and collaborative research culture among the faculty and researchers, enabling and establishing the linkages with research organisations at regional, national and international levels, monitoring of research projects/ schemes and documenting every phase of research and their outcomes. The research programmes are undertaken through the departments (academic disciplines), research stations, farms and laboratories of the University for the benefit of livestock and poultry farmers, entrepreneurs and society at large. Independent faculty and researchers are encouraged to propose and carry-out inter-disciplinary collaborative research. The Research Project Approval Committee, functioning under the Director of Research, periodically scrutinizes the research proposals submitted by the

faculty members of TANUVAS and forwards the proposals to funding agencies. The Research Council, a policy making body on research activities of the university is involved in identifying thrust areas and formulation of research programmes and projects funded by National and International agencies linking teaching, research and extension activities and orienting research to meet the needs of farmers.

### **Academic Research**

The academic research is mainly carried out through PG and doctoral programmes in the constituent colleges. The University is having an excellent team of well qualified faculty members for guiding the scholars in their research works.

### **Sponsored Research**

The University is actively engaged in implementing sponsored research programmes and attracts external funding from various National and International agencies as below:

### State level funding agencies

- Government of Tamil Nadu
- State Planning Commission
- Tamil Nadu State Land Use Board
- \* Tamil Nadu State Council for Science and Technology, Chennai
- Tamil Nadu Livestock Development Agency
- ❖ Tamil Nadu Skill Development Corporation

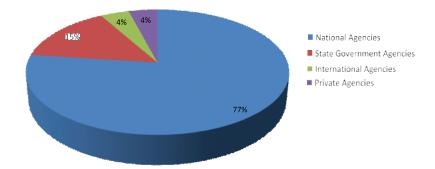
### National level funding agencies

- Department of Animal Husbandry, Dairying and Fisheries, New Delhi (NADP, NPBB, NLM)
- Ministry of Food Processing Industries, New Delhi
- ❖ Indian Council of Agricultural Research, New Delhi
- Department of Biotechnology (DBT), New Delhi
- ❖ Department of Science and Technology (DST), New Delhi
- ❖ Indian Council of Medical Research (ICMR), New Delhi
- Ministry of AYUSH, New Delhi
- National Bureau of Animal Genetic Resources (NBAGR), Karnal
- ❖ All India Council for Technology Education (AICTE), New Delhi
- Ministry of Rural Development, Govt. of India, New Delhi
- ❖ National Bank for Agriculture and Rural Development (NABARD)
- National Wasteland Development Board, Govt. of India

### **International Agencies**

- ❖ Biotechnology and Biological Sciences Research Council (BBSRC), UK
- ❖ Bill and Melinda Gates Foundation
- Commonwealth of Learning, Canada
- **❖** SEPPIC, France
- ❖ International Atomic Energy Association (IAEA), Vienna, Austria

•



**Research Council:** The University has a Research Council, which is the policy making body on research in the faculties and Research Stations of the University. The constitution of Research Council includes:

- Vice-Chancellor
- Registrar
- ❖ The Director of Animal Husbandry or his/her nominee
- The Deans and Directors of the University
- \* The Director of Fisheries or his/her nominee
- Professor and Heads of all Research Stations and Project
- ❖ Co-ordinators of State/ICAR/Other agencies, research schemes
- ❖ Three Professors in rotation every year from each of the college campus
- Two specialists of eminence from the University or outside
- Three progressive farmers specialised in Animal Husbandry / Fisheries
- Representatives of the sponsoring agencies
- ❖ The Director of Research shall be the Member-Secretary

The above composition vividly indicates the decentralized, participatory, adaptive and multifactorial approach on research

The Research Council is the policy making body on research in the faculties that consider and make recommendations in respect of:

- the formulation of research programmes and projects undertaken or to be undertaken by the various University
- ❖ units in the State in the field of Animal Husbandry, Veterinary Sciences, Fisheries and allied sciences with a view to promote effective co-operation.
- physical and fixed facilities required for implementing research projects.
- integration of research, extension education and teachings and participation of research workers in teaching and extension education.
- orienting research to meet farmers needs.
- to give advice and accept the reports of on-going/completed research schemes by the scientists concerned.

# List of Memorandum of Understandings (MoUs) signed with public and private sector at International and National levels

### **International (2014-2019)**

- University of Nottingham, UK (2014)
- Chittagong Veterinary & Animal Sciences University, Chittagong, Bangladesh (2017)
- ❖ Washington State University, Washington, USA (2017)
- Oklahoma State University, Stillwater, USA (2017)

### National (2014-2019)

- Central Council for Research in Siddha, Govt. of India (2016)
- Central Institute of Brackishwater Aquaculture (CIBA), Chennai (2018)
- Remount Veterinary Services, New Delhi (2018)
- National Institute for Animal Nutrition and Physiology (NIANP), Bengaluru (2018)
- ❖ Agriculture Skill Council of India (ASCI), Haryana (2018)
- ❖ Indira Gandhi National Open University (IGNOU), Chennai (2018)
- ❖ Sri Ramachandra Institute of Higher Education and Research (SRIHER), Chennai (2019)
- ❖ GVK Emergency and Research Institute (GVK-EMRI), Secunderabad (2019)
- ❖ KJ Hospital, Chennai (2019)
- ❖ Government Stanley Hospital, Chennai (2019)
- ❖ BAIF Development and Research Foundation, Pune (2019)

### **Linkages with Industries**

The University has established linkages with the following industries during the period under reporting:

- ❖ M/s. Charoen Pokphand Foods India Pvt. Ltd. (2014)
- ❖ M/s. Endhiram Innovations LLP, Chennai (2015)
- ❖ M/s. Hester Biosciences Ltd., Gujarat (2015)
- ❖ M/s. Genomix Healthcare India Pvt. Ltd., Hyderabad (2016)
- ❖ M/s. Venkateswara Hatcheries Ltd., Pune (2016)
- ❖ M/s. Genome Life sciences (2016)
- ❖ M/s. Brilliant Bio-Pharma Ltd., Hyderabad (2016/17)

The University reaches the un-reached through a network of 20 Veterinary University Training and Research Centres (VUTRCs), 3 Farmers Training Centres (FTCs), 4 Krishi Vigyan Kendras (KVKs), an Agricultural Technology Information Centre (ATIC) and a Scheme on "Veterinary and Animal Sciences Information Service Centre (VASISC)" located at various districts of Tamil Nadu to create link between the scientists and farmers. It also focuses on the empowerment of livestock farmers by disseminating technical know-how and effective dissemination of information among the rural people through training programmes, mass contact programmes for clinical and veterinary health care services, advisory services and through publications.

**Extension Education Council:** The Extension Education Council of the University is responsible for formulating the policies and broad outlines of Extension Education activities to be carried out by the University in co-operation with the concerned Government Departments. The constitution of Extension Education Council includes:

- Vice-Chancellor
- Registrar
- Director of Fisheries or his/her nominee.
- Director of Animal Husbandry or his/her nominee.
- Deans and Directors of the University.
- Regional Joint Directors of Animal Husbandry/ Fisheries of the three regions nearer to the place of the council meeting.
- Two professors from each faculty.
- Professors of Extension Education of the colleges.
- Two eminent persons in the field of extension education from the University or outside.

- Three progressive farmers specialised in Animal Husbandry/ Fisheries.
- ❖ The Director of Extension Education shall be the Member-Secretary.

The Directorate of Extension Education of TANUVAS caters to the needs of the farming community through Technical Advisory Services, Capacity building programmes, Village Level Programmes, Village adoption, Institute-village linkage programme, On-farm testing (OFT), Front line demonstration (FLD), Method demonstration, Exhibitions, Awareness campaigns, Mass contact programmes, Farm visits, Exposure visits, Farm Schools, Field days, Development of Self help groups and Knowledge sharing groups, use of Electronic Media, conduct of Zonal workshops, Diagnostic and laboratory services, Entrepreneurship development programmes, Sales promotion of farm produce, Private-Public-Partnership initiatives etc.

The various units of extension departments collaborate with line departments in agriculture and State government for the extension activities. Following are some of the notable institutions with which a strong extension linkage was established during the period under report:

- ❖ National Bank for Agriculture and Rural Development (NABARD)
- Agricultural Technology Management Agency (ATMA) for training programmes and Farm Field Schools
- Canara Bank Rural Training Institute
- Indian Bank
- \* Tamil Nadu Livestock Development Agency
- Department of Agriculture
- Aavin
- NGOs
- \* Reliance Foundation
- Central Poultry Development Organization and Training Institute, Bangalore
- ❖ Tamil Nadu State Council for Science and Technology
- ❖ Assistance to States for Control of Animal Diseases (ASCAD)
- ICICI Bank

**6.6.1.9 Monitoring Mechanism** [Whether the University is following comprehensive curriculum monitoring mechanism including teachers' self reflection, surveys on teaching effectiveness, lesson observation, assignment inspection, examination papers review, appraisal system, and curriculum evaluation]

The University is following comprehensive curriculum monitoring mechanism including teachers' self reflection, surveys on teaching effectiveness, lesson observation, assignment inspection, examination papers review, appraisal system, and curriculum evaluation. In the challenging teaching profession, self-reflection offers teachers an opportunity to think about what works and what doesn't in their classroom. The university encourages faculty members use reflective teaching as a way to analyze and evaluate their own practices so they can focus on what works. One of the main ways that faculty members get feedback on their practice, in order to develop and grow, is through mandatory lesson observations and the TANUVAS strongly believes that teaching and learning do not improve unless teachers get high-quality feedback consistently. Hence, student rating forms, also called student end-of-course questionnaires or student evaluation forms are administered at the end of each semester to solicit student evaluations of a course and such an end of the course information is used by the Heads of the Departments and the Dean to make suggestions regarding the instructors' teaching experience and the course delivery. TANUVAS focuses on the improvement of teaching practices, through professional development. It involves helping teachers learn about, reflect on, and improve their practice. The teachers regularly undergo faculty development programmes in teaching, pedagogy, ICT etc., and also gain knowledge in advanced or specialized training in their subjects. It also works as a means to provide recognition to teachers. The University also follows a performance based appraisal system at nodal points for career advancement for promotion and other incentives like oversees training etc., for teachers to perform at their best and also as a kind of recognition.

The Heads of the Disciplines (Department), Education Cell and the Deans of the respective Institutes play a pivotal and active role in monitoring the lesson plans, set the learning outcomes, the design of specific assessment tools for students. This team periodically seeks to obtain feedback on the quality of the teaching and adoption of approved teaching practices from the students.

Tamil Nadu Veterinary and animal Sciences University follows VCI MSVE 2016 based UG (BVSc & AH) curriculum, which also determines guidelines for evaluation of teachers and students.

- Similarly, for its B.Tech. (Food Technology) and B.Tech. (Dairy Technology) courses, TANUVAS adopted syllabi and curricula proposed by the 5<sup>th</sup> Deans' Committee of Indian Council of Agricultural Research.
- ❖ In case of PG courses (MVSc and PhD), TANUVAS adopted syllabi and curricula proposed by the Indian Council of Agricultural Research.

### **Examination and Evaluation of teachers**

- The teacher(s) or instructor(s) are entrusted to ensure that the topics to be covered in the theory and practical in each course shall be recorded through a lecture or practical schedule and distributed to the students at the beginning of each course and the Head of the Department or Dean shall ensure that the schedule is adhered to and alternate arrangements are made to cover up the loss in case of any eventualities of unavoidable reasons that lead to non-adherence of the above schedule.
- Work distribution chart of each teacher will be available with Dean's office for inspection of the Council and in each subject, professors and senior teachers shall be actively involved in teaching, especially in conducting practical for degree course.

### **Teachers, Examiners, Paper Setters**

- The persons with only basic veterinary qualification, included in Schedules to the Act, registered with a State Veterinary Council and having a Post-graduate Degree in the concerned subject, shall be recruited as teaching faculty in the Veterinary Colleges and preference shall be given to the candidates who have qualified National Eligibility Test conducted by Agricultural Scientist Recruitment Board and in case National Eligibility Test qualified candidates are not available they shall qualify National Eligibility Test prior to their promotion and the College or University may employ Graduate Assistants with BVSc and AH or MVSc degree against the vacant post for a maximum period of two years and not more than one in each department.
- The post of Dean and Head of Department in a Veterinary College will be filled up only with a teacher with basic veterinary qualification and the teaching staff in a veterinary college will be whole time teacher.
- ❖ A person possessing qualification included in the First or Second Schedule to the Act will be generally appointed as examiner or paper setter for the conduct of a professional examination for the Bachelor of Veterinary Science and Animal Husbandry course: Provided that a person without the qualifications mentioned above may also be appointed examiner in his or her concerned subject provided he or she possesses the doctorate degree in that subject and a minimum three years under graduate teaching experience. Provided, further that −
  - ★ no such person shall be appointed as an external examiner unless he or she has at least three year's teaching experience;
  - ★ no person below the rank of Lecturer or Assistant Professor or equivalent shall be appointed as internal examiner;
  - ★ no person shall be appointed as an external examiner in any para clinical or clinical subject unless he or she possesses a recognised veterinary qualification and holds a postgraduate degree and teaching experience in the subject concerned.

- ★ persons working in Government or Semi Government or similar organisations may also be considered for appointment as external examiners provided they possess qualification and experience as laid down above.
- ★ local person(s) shall normally not be appointed as paper setter(s) or external examiner(s), provided, under exceptional circumstances or unavoidable exigencies arising at the time of examination (like not arrival of appointed examiner or non-receipt of question paper from paper setter etc.), the University may appoint any qualified person for the purpose to avoid postponement or cancellation of annual board examination.

### **Examinations and Evaluation of students**

- The examination shall be to assess whether the student has been able to achieve a level of competence and for academic assessment, evaluation of practical aspects of the curriculum shall receive much greater emphasis leading to separate examinations and requiring the student to secure a minimum of 50% marks, in theory as well as in practical, in each such examination.
- The weightage of theory and practical shall be in the ratio of 60:40 respectively.
- The distribution of marks for objective and subjective questions in each subject shall be in the ratio of 40:60 respectively in annual examinations provided the format of question paper in internal assessment shall be as per the choice of instructor(s).
- The structure of examination for BVSc & AH programme consist of internal assessment and annual examinations as detailed below, namely:

Internal Assessment	<b>Course Coverage</b>			
First	30%	Max. Marks 40	Weightage	10
Second	60%	Max. Marks 40	Weightage	10
Third	90%	Max. Marks 40	Weightage	10
Annual examination	Paper-I	Max. Marks 100	Weightage	20
(Theory)	Paper-II	Max. Marks 100	Weightage	20
Annual examination	Paper-I	Max. Marks 60	Weightage	20
(Practical)	Paper-II	Max. Marks 60	Weightage	20

- There shall be four professional examinations- one each after 1st, 2nd, and 3rd year, and the fourth after one and half year and these professional examinations shall have only the theory component with external system and the practical component shall be dealt with internally. Annual professional examination shall be held after the completion of 100% course content in each subject and the result of the best of two internal assessments shall be accounted for.
- The examination for Livestock Farm Complex and Veterinary Clinical Complex shall be conducted twice a year i.e. first practical exam after completion of 50% syllabus and the second one, when the course is completed but the second exam shall comprise of entire syllabus.
- The evaluation of answer books of internal examinations shall be done by the concerned teacher(s) whereas evaluation of answer books of annual theory examinations shall be done by the external examiner(s).
- The practical examinations shall be conducted by a Board of Examiners consisting of concerned Head of the Department, teacher(s) and a representative of the Dean and the teachers while evaluating practical, shall take into account the followings, namely:
  - ★ a record or log book maintained by each student as practical records;
  - ★ written test or observation and recording of the skill with which each student executes the practical;
  - ★ assessment of the comprehensive skill and knowledge of each student through an oral examination (viva-voce).

★ The answer-books of internal assessment shall be shown to students and the records of internal assessment as well as that of annual practical examination shall be submitted to Controller of Examination.

The practical manuals shall be prepared by the respective departments for each subject.

- The duration of internal assessment shall be atleast one hour whereas the duration of annual theory examination shall be three hours and one month prior to the commencement of annual examinations the best of two internal assessment marks shall be submitted by the instructor through the Head to the Controller of Examinations or Registrar.
- The annual theory examination(s) shall be conducted by inviting the question paper from appointed paper setter(s) and a paper setter shall be provided the courses and syllabus prescribed by the Veterinary Council of India including detailed course outline and the paper setter shall be requested to prepare two sets of question subjects, each for main examination and compartment examination (if any).
- The internal assessment shall be conducted by the concerned instructor(s) during free period without affecting the teaching schedule provided the annual examinations shall be held on such dates, time and places as the university may determine and shall be completed in time so that the results are announced before the onset of the ensuing academic year.
- The schedule of annual examinations shall be adhered to strictly and no re-examination shall be allowed in events of students' strike, boycott, walkouts, medical grounds or what-so-ever may be the reason.
- The compartment examination shall be conducted within twenty calendar days of subsequent year registration: Provided that a candidate may be allowed to provisionally sit in the next class provided he or she has failed only in two subjects and cannot be promoted to next Bachelor of Veterinary Science and Animal Husbandry class unless he or she has cleared the failed subject(s).
- The records of examination shall be made available to the Council, as and when required and the records of assessment may be retained till six months after the conduct of the annual examination.

### **Internship Assessment**

- The assessment of each intern shall be based upon the evaluation of log book or project report, his or her performance reports from all the minimum prescribed training postings, entrepreneurial output, clinical case reports and their presentation, viva and comprehensive examination in core competence in veterinary skills through a written test by an Evaluation.
- Committee comprising of the faculty representing the concerned departments appointed by the Dean for this purpose and the distribution of marks for various components of assessment shall be as under, namely:-

Log book or Project Report : 10 marks
Performance in different postings : 20 marks
Entrepreneurial output : 20 marks
Case Reports or Presentation : 10 marks
Written test : 30 marks
Viva : 10 marks
Total : 100 marks

The minimum pass marks in internship assessment shall be 50 out of 100.

**6.6.1.10 Institute Quality Assurance Cell / PME Cell [Please** mention establishment and the active functioning of both the cells and kind of outcome based assignment presently being carried out through these cells]

### **IQAC for TANUVAS**

The IQAC IN TANUVAS is meant for planning, guiding and monitoring Quality Assurance (QA) and Quality Enhancement (QE) activities of the University. The IQAC channelizes and systematizes the efforts and measures of an institution towards academic excellence. The IQAC acts as driving force for ushering in quality by working out intervention strategies to remove deficiencies and enhance quality. The IQAC Structure is as follows:

### Dr.G.Dhinakar Raj,

Director, Centre for Animal Health Studies, TANUVAS, MMC, Chennai-600051.

### Dr.P.Kumarasamy,

Controller of Examinations, TANUVAS, MMC, Chennai-600051.

### Dr.Geetha Ramesh,

Director of Distance Education i/c, TANUVAS, MMC, Chennai-600051.

#### Dr.R.Karunakaran,

Professor and Head, Department of Animal Nutrition, MVC, Chennai-600007.

### Dr.P.S.L.Sesh,

Professor and Head.

Department of Veterinary Biochemistry

MVC, Chennai-600007.

- Project Monitoring and Evaluation Cell with the Director of Research as Chairman reviews the progress of the on-going externally funded schemes / schemes funded under TRCF once in six months and guide the Principal Investigators for the effective implementation of the project.
- **The Technology Release Committee** chaired by the Vice-Chancellor and Director of Research as Member secretary screen and select technologies for release. So far, six technology release committee meetings have been organized and 54 technologies were approved.
  - ★ The technologies developed at TANUVAS have been commercialized through National Research and Development Corporation (NRDC), a Government of India enterprise, New Delhi and Translational Research Platform for Veterinary Biologicals of TANUVAS.
- \* "Product Development and Commercialization Cell" with Director of Research as Chairman scrutinizes the patent applications and commercialization of products developed at TANUVAS.

**6.6.1.11 Collaboration with Academic Institutions and Industry** [What type and how much collaboration are currently in place with academic institutions and industry? Does the University have some more proposals for the future collaboration? Give details with road map]

## Details of Inter institutional collaborative projects in the last five years

Year	Collaborating Institute	Purpose	Total outlay (Rs.in lacs)	Status (Completed/ under progress)
2014-15	-			<u>,                                    </u>
2015-16	-			
2016-17	NIANP, Bengaluru	Selective isolation of sex specific spermatozoa in Bovine using novel biomarkers identified through an integrated proteomic and genomic approach	45.79	In progress
2017-18	Anna University	Development of indigenous cartridges for hemodialysis	9.18	In progress
	ICAR-IARI, New Delhi and ICAR- IVRI, Izatnagar	National knowledge management centre for Agricultural Education and Research	66.92	In progress
	Captain Srinivasa murti Regional Ayurveda Drug Development Institute, Chennai	In-vitro and in vivo nephroprotective evaluation of AYUSH-K1 extract	9.65	In progress
	AAU, Guwahati	Genetic characterization of antibiotic resistance in Clostridium perfringens and Clostridium difficile and their public health significance	35.93	In progress
	IIS, Bengaluru and NDRI, Karnal	Genomic and proteomics approaches to develop specific diagnostic assay for detection of estrus/silent estrus in buffaloes	99.77	In progress
	AAU, Guwahati	Development of DIVA diagnostics and marker vaccine against Duck Plague virus	24.87	In progress
	College of Veterinary Science, Khanapara, Guwahati and West Bengal University of Animal and Fishery Sciences, Kolkata	An integrated approach to explore and exploit the innate and adaptive immune response in indigenous duck breeds of North eastern and South India	20.47	In progress
	Anna University	Developing portable instrumentation for the existing technologies available at TANUVAS for detection of post-partum disease conditions in Bovines	38.10	In progress
2018-19	TNAU, Coimbatore	Establishment of Biotech kisan hub	22.40	In progress

# Details of Industry Institutional Linkages in the last five years

	Collaborating	Purpose	Total outlay	Status
Year	Industry		(Rs. in lacs)	(Completed/
201415		7.0	2.20	under progress)
2014-15	M/s. VWF Industries	Influence of structured water on	2.20	Completed
	Pvt. Ltd., Mysore	the performance of broilers		
	M/s. Boehringer	Isolation and molecular	3.64	Completed
	Ingelheim Pvt. Ltd,	characterization of Avibacterium		
	Mumbai	paragallinarum in Poultry		
	M/s. Boehringer	Isolation and pathological	3.00	Completed
	Ingelheim Pvt. Ltd,	characterization of		
	Mumbai	Gallibacterium anatis in Poultry		
	M/s. Mahindra	Empowerment of recovered	2.93	Completed
	Consulting Engineers	persons of mental illness through		_
	Ltd.,	dairy farming activity in Madurai		
		District		
	M/s. Indian	Efficacy and safety study of	8.69	Completed
	Immunologicals Ltd.,	recombinant porcine cysticercosis		1
	Hyderabad	vaccine (TSOL 18 Vaccine) in		
		Pigs		
2015-16	-			
2016-17	M/s. Saraswathy	Study on growth performance	1.00	Completed
	Foundations	of desi chicken fed with non		_
		conventional feed stuffs-Oats		
		waste and Moong Dal		
	Sihil Pharma,	Prevalence of Bovine	7.43	Completed
	Chennai	trichomoniosis in India using		•
		Inpouch TF Media		
2017-18	-			
2018-19	-			

# Details of Overseas Linkages in the last five years

Year	Name of the overseas linkage	Purpose	Total outlay	Status (Completed/
			(Rs.in lacs)	under progress)
2014-15	Seppic, France	Research	4.91	Completed
2015-16	-	-	-	-
2016-17	-	-	-	-
2017-18	BBSRC, UK	Research	28.00	On-going
	Queens University, Belfast	Research	3.60	On-going
	Bill and Melinda Gates	Research	190.43	On-going
	Foundation, USA			
	Nutreco, The Netherlands	Research	16.62	On-going
2018-19	Seppic France	Research	3.94	On-going



# 6.6.2. Academic Support

**6.6.2.1. Academic Council:** Provide the composition and date of Academic Council Meetings held in last five years along with ATRs. **(Annexure enclosed)** 

S.No.	Name and Address	Phone Nos.
1.	Dr. C. Balachandran, Ph.D.,	+91-44-25551574
	Vice-Chancellor,	
	Tamil Nadu Veterinary and Animal Sciences University,	
	Madhavaram Milk Colony,	
	Chennai - 600 051	
2.	Dr.P. Tensingh Gnanaraj, Ph.D.,	+91-44-25551584
	Registrar,	
	Tamil Nadu Veterinary and Animal Sciences University,	
	Madhavaram Milk Colony,	
	Chennai – 600 051	
3.	Dr. K.Gopal, I.A.S.,	044-25672937
	Principal Secretary to the Government,	
	Animal Husbandry, Dairying and	
	Fisheries Department,	
	Government of Tamil Nadu, Fort St.George,	
	Chennai - 600 010	
4.	Thiru. A. Gnanasekaran, I.A.S.	044-24321070
	Director of Animal Husbandry and Veterinary Services,	
	Integrated Animal Husbandry & Fisheries	
	Department Office Complex,	
	No.571, Anna Salai Veterinary Hospital Campus,	
	Nandanam, Chennai-600 035	
5.	Dr. J. John Kirubaharan, Ph.D.,	+91-44-25304000
	Dean,	
	Madras Veterinary College,	
	Chennai - 600 007.	
6.	Dr. Ghadevaru Sarathchandra, Ph.D.,	+91-44-25389198
	Dean,	
	Faculty of Basic Sciences,	
	Madras Veterinary College,	
	Chennai - 600 007	
7.	Dr.T.Sivakumar, Ph.D.,	
	Dean,	
	Veterinary College and Research Institute,	
	Orathanadu - 614 625	
	Thanjavur District.	.01.44.05(00015
8.	Dr. V. Appa Rao, Ph.D.,	+91-44-27680217
	Dean,	
	Faculty of Food Science,	
	College of Food and Dairy Technology, Koduvalli,	
0	Chennai - 600 052	04206 266460
9.	Dr. B.Mohan, Ph.D.,	04286-266469
	Dean,	
	Veterinary College and Research Institute,	
	Namakkal - 637 002	

10.	A. Palanisammi, Ph.D.,	9443258626
10.	Dean,	9443230020
	Veterinary College and Research Institute, Ramayanpatti,	
	Tirunelveli - 627 358	
11.	Dr. K. Mani, Ph.D.,	04344-689005
11.	Dean,	04344-007003
	College of Poultry Production	
	and Management, Mathigiri P.O., Krishnagiri District	
	Hosur - 635 110	
12.	Dr. Cecilia Joseph, Ph.D.,	+91-44-25551583
12.	Director of Research,	. 91 11 23331303
	Tamil Nadu Veterinary and Animal Sciences University,	
	Madhavaram Milk Colony, Chennai - 600 051	
13.	Dr. N. K. Sudeepkumar, Ph.D.,	+91-44-25551579
15.	Director of Extension Education,	7711125551579
	Tamil Nadu Veterinary and Animal	
	Sciences University,	
	Madhavaram Milk Colony, Chennai - 600 051	
14.	Dr. K. N. Selvakumar, Ph.D.,	+91-44-24320411
,	Director of Distance Education,	7 - 1 - 1 - 1 - 1 - 1
	Tamil Nadu Veterinary and Animal Sciences University,	
	Nandanam, Chennai - 600 035	
15.	Dr. G. Dhinakar Raj, Ph.D.,	+91-44-25555151
	Director,	
	Centre for Animal Health Studies,	
	Tamil Nadu Veterinary and Animal Sciences University,	
	Madhavaram Milk Colony, Chennai - 600 051	
16.	Dr. A. V. Om Prakash, Ph.D.,	+91-44-25555386
	Director,	
	Centre for Animal Production Studies, Tamil Nadu	
	Veterinary and Animal Sciences University,	
	Madhavaram Milk Colony, Chennai - 600 051.	
17.	Dr. S. Balasubramanian, Ph.D.,	+91-44-25381366
	Director of Clinics, Madras Veterinary College,	
	Chennai - 600 007	
18.	Dr. P. Sriram, Ph.D.,	+91-44-25304000
	Professor and Head, Department of Veterinary	
	Pharmacology and Toxicology,	
	Madras Veterinary College, Chennai - 600 007	
19.	Dr. Bhaskaran Ravi Latha, Ph.D.,	+91-44-25304000
	Professor and Head,	
	Department of Veterinary Parasitology,	
	Madras Veterinary College, Chennai - 600 007	
20.	Dr. R. Karunakaran, Ph.D.,	+91-44-25304000
	Professor and Head,	
	Department of Animal Nutrition,	
	Madras Veterinary College, Chennai - 600 007	
21.	Dr. K. Vijayarani, Ph.D.,	+91-44-25304000
	Professor and Head,	
	Department of Bioinformatics & ARIS cell,	
	Madras Veterinary College,	
	Chennai - 600 007	

22.	Dr. N. Narmatha, Ph.D.,	04286-266469
	Professor and Head, Department of Veterinary and	
	Animal Husbandry Extension Education, Veterinary	
	College and Research Institute, Namakkal - 637 002	
23.	Dr. G. Ponnudurai, Ph.D.,	04286-266469
	Professor and Head,	
	Department of Veterinary Parasitology, Veterinary	
	College and Research Institute, Namakkal - 637 002	
24.	Dr. S. Satheshkumar, Ph.D.,	0462-2336344
	Professor and Head, Department of Veterinary	
	Gynaecology and Obstetrics,	
	Veterinary College and Research Institute,	
	Ramayanpatti,	
	Tirunelveli - 627 358	
25.	Dr. S. Manoharan, Ph.D.,	+91-44-25551544
	Professor and Head,	
	Vaccine Research Centre – Bacterial Vaccine,	
	Centre for Animal Health Studies,	
	TANUVAS, MMC, Chennai - 600 051	
26.	Dr. J. Selvaraj, Ph.D.,	04372-234012
	Professor and Head, Department of Veterinary	
	Pathology,	
	Veterinary College and Research Institute, Urathanadu,	
	Thanjavur - 614 625	
27.	Dr. R. Annal Villi, Ph.D.,	04344-689005
	Professor, Department of Food Processing and	
	Technology College of Food and Dairy Technology,	
	Koduvalli, Chennai-600 052	
	External Experts	
28.	Dr. S. Ramkumar, Ph.D.,	0413-2271671
	Dean,	
	Rajiv Gandhi Institute of Veterinary Education and	
	Research,	
	Puduchery - 605 009	
29.	Dr. T.S. Chandrasekhara Rao, Ph.D.,	+91 877 2249787
	Dean,	
	Faculty of Veterinary Science,	
	Sri Venkateswara Veterinary University,	
	Tirupathi - 517 502 Andhra Pradesh.	
30.	Dr. C. S. Nagaraja, Ph.D.,	+91-80-23411483
- **	Principal Scientist and Head, AICRP on Poultry	
	Breeding for Meat, Veterinary College Campus, Hebbal,	
	Bangalore - 560 024	
	Special Invitee	
31.	Dr.P.Kumarasamy, Ph.D.,	+91-44-25550541
J 1.	Controller of Examinations, Tamil Nadu Veterinary and	) I . I 200000 II
	Animal Sciences University, Madhavaram Milk Colony,	
	Chennai - 600 051.	
	C1101111W1 000 001.	

## Dates of Academic Council Meeting in last five years

Year	Date of meeting	ATR (given as annexure)
2015	59th: 19.03.2015	ATR of 57 <sup>th</sup> and 58 <sup>th</sup> meeting
	60 <sup>th</sup> : 04.05.2015	ATR of 59 <sup>th</sup> meeting
	61st: 26.06.2015	ATR of 60 <sup>th</sup> meeting
2016	62 <sup>nd</sup> : 18.01.2016	ATR of 61st meeting
2017	63 <sup>rd</sup> : 13.03.2017	ATR of 62 <sup>nd</sup> meeting
	64 <sup>th</sup> : 29.08.2017	ATR of 63 <sup>rd</sup> meeting
2018	65 <sup>th</sup> : 30.10.2018	ATR of 64 <sup>th</sup> meeting
	66 <sup>th</sup> : 05.12.2018	
2019	67 <sup>th</sup> : 22.05.2019	ATR of 65 <sup>th</sup> and 66 <sup>th</sup> meeting
	68 <sup>th</sup> : 19.12.2019	ATR of 67 <sup>th</sup> meeting

**6.6.2.2. Innovation and Best Practices:** An innovative practice could be a pathway created to further the interest of the student and the institution, for internal quality assurance, inclusive practices and stakeholder relationships. What are the innovative efforts of an institution that help in its academic excellence?

### Innovative efforts in academic excellence

- Oversees training to faculty for learning clinical and pedagogical skills; improvised teaching modalities; robotics based learning skills -6 faculty were trained at Royal Veterinary College, UK and Washington State University, USA during 2019 -2020 under NAHEP, IDP, TANUVAS.
- ❖ Faculty development workshops by faculty from Royal Veterinary College, UK and Washington State University, USA on Robotics based learning system development, modern education technology, pedagogical tools in modern veterinary education were conducted at MVC, Chennai and VCRI, Namakkal. Sixty faculty were facilitated by the workshops. One national programme on market intelligence was conducted for 30 faculty from MVC, Chennai and VCRI, Namakkal.
- ❖ Establishment of smart class rooms with interactive smart boards for teaching and 3D printer to develop 3 D biological models for teaching
- Stablishment of Learning and assessment centre; robotic learning stations for improved teaching and learning of practical/clinical skills.
- Development of soft skill lab for improving communication skills and reading –workshops were conducted and 300 students were benefited.
- Motivational lectures, clinical and pharmaceutical meets, workshops on clinical and molecular diagnostic skills are delivered periodically.
- ❖ Implementation of industrial in plant training to prefinal year veterinary students in their area of preference-pet clinics, feed units, dairy farms, stud farms poultry farms and wild life care centres.
- Oversees clinical internship for final year veterinary students at Washington State University, USA -10 students; Oklahoma state University, USA -6 students

# MVC, Chennai

S. No.	Innovative practice	Targetted audience	Budget- University /	Stage – Working / Under development	Brief description
	adopted		ICAR/Others		
2014-15	Flash cards (468 nos)	BVSc&AH students, Post graduates studying the subject of Veterinary Parasitology and students preparing for competitive examinations	ICAR-IDG	Working	Flash cards were prepared for VPA 211 (200 nos), VPA 221 (150 nos) and VPA 222 (118 nos) courses as innovative learning tool for students. These cards have a picture/photograph/ question on one side and the answer on the other side. Used as a learning as well as evaluation tool.
	Parasite models (18 nos)	BVSc&AH students studying the subject of Veterinary Parasitology	ICAR-IDG	Working	Snail models (13 nos) and ectoparasite models of insects (5 nos) were prepared. These models are used for teaching during practical classes
2015-16	Flip book (Two volumes)	BVSc&AH students, Post graduates studying the subject of Veterinary Parasitology and students preparing for competitive examinations	ICAR-IDG	Working	Volume –I for VPA 211 (200 pages) and Volume -2 for VPA 221 and VPA 222 courses (258 pages).
2016-17	Parasite models (5 nos)	BVSc&AH students studying the subject of Veterinary Parasitology	ICAR-IDG	Working	Metacestode models (5 nos) were prepared. These models are used for teaching during practical classes
	Tech based Short films developed by UG students	Farmers	University funds	Completed	Video lessons and short films on Dairy farming and poultry farming
2017-18	Plastinated parasites	BVSc&AH students studying the subject of Veterinary Parasitology	ICAR-IDG	Working	Worms (Flukes, tapeworms and nematodes) and metacestodes were plastinated by silicone resin plastination technique
	Safe manure disposal	Ist B.V.Sc students	TANUVAS Corpus fund		
2018-19	Problem based learning (PBL) modules	BVSc&AH students, Post graduates studying the subject of Veterinary Parasitology	ICAR-IDG	Working	Problem based learning modules were developed in five topics- Helminthology (2)- Toxocarosis and Amphistomosis, Acarology (1)-Demodectic mange and Protozoology (2)- Chicken coccidiosis and Haemoprotozoan parasites of Cattle and used for group learning by students
	Animated multimedia lessons on Animal Husbandry through puppetry	Farmers	ICAR - IDG funds	Completed	Six video lessons were developed – Tick management, kids management,Dipping in goats, deworming in goats, calf feeding management

## MOBILE APP DEVELOPED -MADRAS VETERINARY COLLEGE

S. No.	Name of the mobile application	Targetted audience	Budget- University / ICAR/ Others	Stage – Working / Under development	Brief description (under 250 words)
1.	To find out the body weight and average daily gain of cattle, buffaloes and goat by using body measurements	Field veterinarians, students and farmers	ICAR Development Grant for the year 2017-18 Rs.1,25,000/-	Under Progress	It finds place in deciding the body weight of the animals in field conditions. In field conditions the stack holders and students often find it difficult to find the body weight.  Moreover the drug dosage is based on approximate judging. The research scholars perusing research in field condition often finds difficulty in measuring the body weight. This sometimes may lead to erroneous result. Moreover in case of food animals the farmer is not able to review the feed intake and monthly body weight gain in relation to feed intake This app would be user friendly, which would be developed both in Tamil and English. The user need to measure the body length and girth and feed in the app accordingly. This app has in built data storage features. The user would be able to save the monthly data and review it as and when needed. The farmer would be able to judge the monthly progress in terms of feed intake and body weight gain.  This app would be suited to android version, ios and web page. This would be uploaded in the google play store for easy user downloading.
2.	TANUVAS MEAT	UG and PG students	ICAR Development Grant for the year 2017-18 Rs. 80,000	Completed	Teaching modules are presented in simple titles with not more than 20 subtitles which makes accessing necessary information quicker and easier.  Display of titles and subtitles on reading the contents will aid as a tool for the learner to compartmentalise his learning.  The contents are presented in simple bulleted text which enables the reader to retain and recollect information easily.  Pictures have been provided wherever necessary for better understanding of the subject for the user.  The App is a user friendly performance support tool, in addition to the classroom teaching and a convenient means for the students to study the subject out of desk and time restriction using the mobile phone. The "App" on the subject of Livestock Products Technology (LPT) will cater the knowledge requirements of the students of Veterinary and Animal Sciences undergoing this course. All the topics prescribed in the syllabus of the following courses were covered as per the Minimum Standards for Veterinary Education (MSVE).

3.	Anatomy of Brain - Buffaloe	UG and PG students	ICAR Development Grant for the year 2018-19 Rs. 1,50,000	Under Progress	Eye ball specimens from adult buffaloe will be collected from the Slaughter House Chennai, for the development of the mobile app. The collected eye ball specimen will be dissected to exhibit the anatomical parts of eye lids, conjunctiva, eye lashes, extraocular muscles and optic nerve. Individual anatomical parts of the three different tunics of eye ball such as outer fibrous, middle vascular and inner nervous tunics will be shown. Horizontal navigation for each slide.  Android and Iphone; OS Version Compatibility: Version 4.4 & above; iOS; Nature of Development: Hybrid
4.	Zoonoses	Students and public	ICAR Development Grant for the year 2018-19 Rs.89,250	Under Progress	The mobile app is developed in bilingual mode (Tamil and English) with a focus on Regional Zoonotic Diseases on domestic and companion animals for the purpose of creating awareness among the students and general public. The mobile app is being developed with the following contents viz. Cattle, Pig, Dog, Cat, Bird and Monkey Zoonotic Diseases, most prevalent in this region. Each animal diseases is discussed under six broad topics like Synonyms, Cause, host, transmission, clinical signs in humans and animals and prevention and control. The contents are supported with relevant illustrations to connect the users for better understanding of zoonotic diseases. Presently a module has been developed by the technical wing to upload the scientific contents in such a way that the data could be appraised by the end users. Upon completion the finished mobile app will be uploaded and maintained for one year by the developers in Google Play store.
5.	Diagnosis of dermatological conditions of dogs	Field veterinarians, students	ICAR Development Grant for the year 2018-19 Rs.1,57,000	Under Progress	Dermatological disorders are one of the most common health problems and difficult to cure in pet animals particularly in dogs. Pet owners are fond of healthy shiny skin coat in dogs. But, most of the time, dogs are commonly affected with ecto/endoparasitic infestations followed by contact allergens, physical causes, radiation, infectious causes (bacterial, viral, fungal infections), immunological causes, nutritional /metabolic disorders and endocrine imbalance etiologies respectively. The knowledge — update of various dermatological disorders in dogs will pave the way for correct and early diagnosis and treatment to the dogs by using gross, cytological and histopathological lesions.

6.	TANUVAS	UG and PG	ICAR IDG 2016-17	The application	Developed for the <b>Practical</b>
0.	VETMICRO	students	funds o Rs. 1.00	has been released	Veterinary Microbiology course as
			Lakh.		per MSVE 2016 syllabus The website
				by ICAR for	'tanuvasvetmicro.com' has been
				the benefit of	created to manage the users, course
				the students on	topics, contents and quiz. Course
				31.01.2019.	contents can be modified or added and
					questions for quiz can be uploaded.
					The mobile app can be accessed via
					'm. tanuvasvetmicro.com' by the
					students after getting due approval from the administrator.
					The course contents have been
					provided with appropriate images
					which will be useful for the students to
					understand better the Practical aspects
					of Veterinary Microbiology. It will be
					a handy tool for the UG students to
					study the subject's Practical aspects
					whenever or wherever they want to
					study. Students can also take up quiz
					on the subject and review their test also
					using the same App. Also the App can be used in both Android and iOS –
					based mobile phones and at free of
					cost.
7.	Veterinary	UG and PG	ICAR IDG 2018-19	Under Progress	This course has been chosen for the
/ .	Immunology	students	funds of Rs. 1.00	Chaci Trogress	purpose of simplifying the various
	and Serology		Lakh.		concepts, which often seem complex
	3,				and tough to understand by the UG
					students along with the other courses
					as per MSVE 2016 syllabus. It will be a
					handy tool for the UG students to study
					the subject's Principles whenever or
					wherever they want to study. Students
					can also take up quiz on the subject and
					review their test also using the same
			<u> </u>		Android-based App.

### VCRI, Namakkal

### **Conduct of Practical and Hands on Training:**

- ❖ Face to Face Lecture to students using black board
- Power-point presentation
- Assignment preparation and presentation
- Term paper presentation on new emerging topic
- Farm animals data collection an reporting
- ♦ Hands-on training using palpation box to know and feel the structures of female reproductive tract
- ♦ Hands-on training using phantom box to know the presentation, position and postural abnormality of the fetus for the ease delivery of dystocia
- ◆ Practicals on semen collection, processing, preservation and evaluation procedures
- ♦ Practicals on breeding soundness evaluation
- ♦ Demonstration of diagnosis and treatment of different Gynaecological, Obstetrical and Andrological cases in different species by attending cases at Obstetrics and Gynaecological unit at Veterinary Clinical Complex, VCRI, Namakkal
- Processing and examination of clinical samples such as blood, faeces, skin scrapings etc.
- Collection of parasites from the field and identification
- Demonstration of parasites macroscopically and microscopically

- Preparation of solution and reagents
- Demonstration bioassays for detection of anthelmintic resistance
- Preparation of permanent mounts
- Mounting of parasites affected organs for museum
- ♦ Poultry Farm Complex
  - ♦ Managemental practices
    - ♦ Identification
    - ♦ Handling
    - ♦ Judging of birds
  - ♦ Feeding
    - ♦ Measurements and Nutrient requirement
    - Quantity and Quality assessment
  - ♦ Disease prevention
    - **♦** Biosecurity
    - ♦ Zoonotic importance
    - ♦ vaccination
    - ♦ Production diseases
    - ♦ Infectious disease
    - ♦ Treatment of disease conditions
- Laboratory
  - ◆ Quality assessment of feed ingredient and feed
  - ◆ Research work programmes
- Exposure visits
  - **♦** Educational organizations
  - **♦** Private industries
- ❖ Field exposure to conduct Participatory Rural Appraisal for identification off local problems, resources and find solutions
- Exposure to structures and functions of organisations / institutions (Veterinary dispensary, Primary agricultural co-operative society, Milk producers co-operative society, Panchayat Raj institutions, rural development agencies, Self Help Groups (SHGs))
- \* Exposure to organizational communication patterns in animal husbandry
- Identification of key communicators in a village
- Hands on training on RRA, PRA, Case study, Problem Based Learning methodologies at field level
  - ♦ The practical classes for UG students were conducted by dividing the entire batch into two groups and each student was made to do experiments individually.
  - ♦ The students were allowed to involve in the feed mill activities like evaluation of feed ingredients, weighing the various feed additives and raw ingredients, grinding, mixing, bagging the compound feed and assessment of feed processing techniques.
  - ♦ The students were trained to formulate different rations. Post graduate diploma students were also trained in this facility.
  - ♦ UG, PG and Ph.D students were accomplished with industrial visits to modern commercial feed mill units and commercial dairy and poultry farms to get exposed to recent advances in feed manufacture and feeding management.

- ❖ Demonstration of gross specimens kept in pathology museum
- Projection of images exhibiting gross lesions of organs in various systems and diseases
- Projection of images exhibiting histopathological lesions of organs in various systems and diseases
- Post mortem and histopathology demonstration
- Hands on training on Post mortem techniques, histopathology techniques and immunohistochemistry for Post graduate students
- Under graduate student were trained at Livestock Farm Complex, Veterinary College and Research Institute, Namakkal about handling, care and management of livestock species
- Post graduate students are trained in Livestock Farm Complex, Veterinary College and Research Institute, Namakkal Post graduate laboratory, meteorological observatory etc.,
- Post graduate students are also given on farm training in the field.

### **Personality development Programmes**

- a. Motivational lecture by alumini of TANUVAS 24.06.2016
- b. Pharmaceutical Meet Various firms are invited to share the knowledge and update the students on drugs, bio molecules and employment opportunities.
- c. Career orientation program for the U.G pre final year and PG students (56 students) was organized by the Department of Animal Nutrition, VC&RI, Namakkal 09.04.2018
- d. Career guidance programme on "Preparedness to face the Competitive Challenges in the Veterinary Practice" is organised every year before internship programme 2012 13 batch 19.04.2017, 2013 -14 batch 27.04.2017, 2013-14 batch 25.04.2018
- e. Engaging Budding Vets programme for undergraduate students was conducted on 30.07.2018
- f. Hands on training by adjunct faculty to undergraduate students
  - Fifteen undergraduate students of III B.V.Sc & AH were trained by Dr. Sheela Ramamurthy, Adjunct faculty from North Dakota State University, USA from 20<sup>th</sup> to 22<sup>nd</sup> November, 2019 on "Molecular methods in Microbiology".
  - ❖ Thirty undergraduate students of IV and V B.V.Sc & AH were trained by Dr. Lionel J Dawson, Adjunct faculty from Oklahama State University, USA from 18 to 20<sup>th</sup> December, 2019 on Clinical practice of Veterinary Gynaecology and Obstetrics"

S. No.	Innovative practice	Targeted	Budget-	Stage – Working	Brief description
	adopted	audience	University /	/ Under	
			ICAR/Others	development	
2014-15	1. Minimally invasive plate osteosynthesis for diaphyseal fractures of radius in dogs	UG and PG students, Pet owners and field veterinarian University	University	Working	The technique is adopted in field level for the management of fractures in pet animals
	Surgical management of corneal ulcers in dogs				Adopted in the field level and useful for the management of corneal ulcers in pet animals
	Molecular Characterization of avian metapneumovirus	Poultry farmers	University	Completed	1. Avian metapneumovirus was isolated and characterized by molecular techniques. 2. Inactivated vaccine was prepared against aMPV. 3. Seroprevalance study was carried out

	Assessment of Immune response against Newcastle disease oral pellet vaccine in desi chicken and turkey	Poultry farmers	University	Completed	1. Immune response in desi chicken and turkey against Newcastle disease oral pellet vaccine was assessed 2. Assessed the egg production performances and egg quality characters in desi chicken.
2015-16	Molecular Markers Based Sex Determination in Monomorphic and Dimorphic Birds	Pet bird owners	-	-	-
	Minimally invasive plate osteosynthesis for diaphyseal fractures of radius in dogs     Surgical management of corneal ulcers in dogs	UG and PG students, Pet owners and field veterinarian University	University	Working	The technique is adopted in field level for the management of fractures in pet animals  Adopted in the field level and useful for the management of corneal ulcers in pet animals
2016-17	Therapeutic Ultrasound as an adjunct protocol for teat obstructions in bovine     Minimally invasive plate osteosynthesis for diaphyseal fractures of radius and tibia in ruminants     Timmunotherapy combined with surgical management of bovine ocular squamous cell carcinoma	UG and PG students, Pet owners and field veterinarian University	University	Working	A newer technique adopted in the field practice for thelitis and other udder and teat problems  A new venture is adopted for the management of fractures in ruminants  Immunotherapy in the initial phase of the management of BOSCC in cattle reduced great loss to the farmer
2017-18	FecB Screening of Famers Flock	Farmers	TANUVAS	-	-
	Pharma Quiz	Fourth and Final Year students.	Others	Regular Annual Programme	Basic objective to highlight the importance of subject in profession as well as keep the students abreast of latest developments in the field.
	Evaluation of dexmedetomidine as premedicant in propofol induced gaseous anaesthesia for caesarean section in dogs	UG and PG students, Pet owners and field veterinarian University	University	Working	A newer anaesthetic protocol is evolved for caesarean section in dogs

	Detection and molecular characterization of <i>Mycoplasma synoviae</i> in commercial layer chicken	Poultry farmers	University	Completed	1. 100 per cent seroprevalence of <i>M. synoviae</i> antibodies was recorded in aged layers at the old group of 70 weeks and above.  2. Developed rapid serum plate agglutination test (RSPA) which could be used for screening of <i>M. synoviae</i> infection.
2018-19	Multiple choice questions in Veterinary Pharmacology and Toxicology	For undergraduate and postgraduate students	ICAR - IDG	Regular updating is in progress	For the preparation of JRF, SRF scholarship examinations and for Annual board examinations in the subject of VPT
	Pharma Quiz 2018 - 2019	Fourth and Final Year students.	Others	Regular Annual Programme	Basic objective to highlight the importance of subject in profession as well as keep the students abreast of latest developments in the field.
	Evaluation of dexmedetomidine as premedicant in propofol induced gaseous anaesthesia for caesarean section in dogs	UG and PG students, Pet owners and field veterinarian University	University	Working	A newer anaesthetic protocol is evolved for caesarean section in dogs
	Isolation and Molecular Characterization of Contagious Ecthyma (ORF) Virus	Poultry farmers	University	Completed	1. The incidence of contagious ecthyma virus infection in the North-western zone of Tamil Nadu in small ruminants was identified 2. Isolation of contagious ecthyma virus in embryonated chicken eggs and cell culture viz., Vero cell line, chick embryo fibroblast, primary lamb and goat testis cell culture was found unsuccessful.
	Quantitative Profiling Of Marek's Disease Virus In Vaccinated Layer Chicken	Poultry farmers	University	Completed	The MDV1 load was low in flocks revaccinated with bivalent vaccine, moderate in flocks revaccinated with monovalent vaccine and higher in non- revaccinated flocks.
	Creation of museum for Veterinary Gynaecology and Obstetrics	-	University	-	-

### VCRI, Orthanadu

S. No.	Innovative practice adopted	Targeted audience	Budget- University / ICAR/Others	Stage – Working / Under development	Brief description
2014-15	Animal Simulation Model *				It is useful for the students to learn the Neuropharmacology practicals to create interest among the students in knowing the
2015-16	Animal Simulation Model	Students	Nil	Working	in drug testing and development without
2016-17	Animal Simulation Model			S. S	using the lab animals.  (*The same animal model has been
2017-18	Animal Simulation Model				continuously used for the five years from 2014 to 2019)
2018-19	Animal Simulation Model				

### CFDT, Koduvalli

	Innovative	Targeted	Budget –	Stage – Working	Brief description
Year	Practice	Audience	University /	/ under	
	adopted		ICAR / Others	development	
2017-18	Video lesson on	Students,	ICAR	Working	CFDT is well equipped
	1.Ketchup	farmers and			with commercial
	production	industry people			production of fruit
	2. Noodles				products, noodles and
	production				chocolate production
	3. Chocolate				units. Hence a video
	production				lesson of about 15-20
					minutes was prepared
					for the benefit of
					students, farmers and
					entrepreneurs.

**6.6.2.3. Library:** Write about the University library (in one page) mentioning its space for stocking and reading, automation, library staff, library committee meetings, library management system, text books availability, subscription of research journals, periodicals, e-journals and other necessary state-of-the-art software/programme, timing etc.

### **University Library**

The University Library of TANUVAS is presently functioning at Ground Floor of Central University Laboratory Building at University Headquarters campus, Madhavaram Milk Colony, Chennai - 600 051. The Library has good collection of textbooks, reference books, foreign journals, Indian journals, serial publications, Annual Reports, Technical reports, theses and dissertations. The space for stacking and reading is about 3,600 sq.ft. At present, the Library functions on week days between 10.00 am and 5.45 pm.

### **Library Management System**

The University Library has been automated with Koha Integrated Library Management System and the following modern digital infrastructure and security systems have also been implemented in the Library keeping pace with the technological advancements in the fields of library and information services.

- RFID enabled Inventory Management and Security System
- CCTV electronic surveillance system
- Biometric Access Control System
- Multi functional Colour Digital Copiers
- Digital Library with 20 computer systems

### **Library Services**

- Document lending
- Reference
- Reprography
- Online Public Access Catalogue (OPAC)
- Digitization
- Digital library services
- Institutional Digital Repository
- Resource sharing through CeRA and MALIBNET (Madras Library Network)
- ❖ Issue of smart ID cards to the entire university community
- Document binding
- Information literacy programmes

### **Library Staff**

The University Library has been sanctioned with the following technical and non-technical posts for effective management of the Library.

S. No.	Name of the Post	Number
1	Librarian	1
2	Deputy Librarian	1
3	Assistant Librarian	1
4	Library Assistant	1
5	Library Information Assistant	1

### **Library Committee**

The TANUVAS Library Committee is monitoring the activities of the University Library for which the Registrar is the Chairman while five Heads of Departments serving as the Member and the Librarian is the Convenor. The Library Committee meets frequently and monitors the activities of the University Library.

### 1. Learning resources available in University Library in last five years

Year	Text books & Reference books	Periodicals	E books
2014-15	4,475	160	235
2015-16	5,634	165	329
2016-17	6,146	170	329
2017-18	6,150	172	400
2018-19	6,811	175	400

# 2. Discipline wise break up of journals subscribed in University Library

Year	Discipline	No. of journals subscribed	% of journals subscribed
2014-15	Agronomy	2	1.25
	Animal Biotechnology	4	2.50
	Animal Genetics and Breeding	2	1.25
	Animal Husbandry Economics	4	2.50
	Animal Husbandry Statistics	2	1.25
	Animal Nutrition	3	1.88
	Biology	12	7.50
	Botany	10	6.25
	Environmental Science	10	6.25
	Livestock Production Management	12	7.50
	Livestock Products Technology	6	3.75
	Natural Science	10	6.25
	Poultry Science	10	6.25
	Science	12	7.50
	Veterinary Anatomy and Histology	2	1.25
	Veterinary & Animal Husbandry Extension	2	1.25
	Veterinary Clinical Medicine	8	5.00
	Veterinary Gynaecology and Obstetrics	4	2.50
	Veterinary Microbiology	11	6.88
	Veterinary Parasitology	15	9.38
	Veterinary Pathology	2	1.25
	Veterinary Pharmacology and Toxicology	2	1.25
	Veterinary Physiology	1	0.63
	Veterinary Preventive Medicine	1	0.63
	Veterinary Public Health and Epidemiology	1	0.63
	Veterinary Surgery and Radiology	3	1.85
	Wild Life Sciences	9	5.62
	Total	160	100%

Year	Discipline	No. of journals subscribed	% of journals subscribed
2015-16	Agronomy	2	1.21
	Animal Biotechnology	5	3.03
	Animal Genetics and Breeding	2	1.21
	Animal Husbandry Economics	5	3.03
	Animal Husbandry Statistics	3	1.89
	Animal Nutrition	3	1.89
	Biology	12	7.27
	Botany	10	6.06
	Environmental Science	10	6.06
	Livestock Production Management	12	7.27
	Livestock Products Technology	6	3.64
	Natural Science	10	6.06
	Poultry Science	10	6.06
	Science	12	7.27
	Veterinary Anatomy and Histology	2	1.21
	Veterinary & Animal Husbandry Extension	2	1.21
	Veterinary Clinical Medicine	8	4.84
	Veterinary Gynaecology and Obstetrics	4	2.42
	Veterinary Microbiology	11	6.67
	Veterinary Parasitology	15	9.09
	Veterinary Pathology	2	1.21
	Veterinary Pharmacology and Toxicology	2	1.21
	Veterinary Physiology	1	0.60
	Veterinary Preventive Medicine	1	0.60
	Veterinary Public Health and Epidemiology	1	0.60
	Veterinary Surgery and Radiology	4	2.42
	Wild Life Sciences	10	6.06
	Total	165	100%

Year	Discipline	No. of journals subscribed	% of journals subscribed
2016-17	Agronomy	2	1.17
	Animal Biotechnology	4	2.35
	Animal Genetics and Breeding	2	1.17
	Animal Husbandry Economics	5	2.94
	Animal Husbandry Statistics	3	1.77
	Animal Nutrition	3	1.77
	Biology	14	8.23
	Botany	12	7.06
	Environmental Science	12	7.06
	Livestock Production Management	10	5.88
	Livestock Products Technology	6	3.53
	Natural Science	12	7.06
	Poultry Science	10	5.88
	Science	12	7.06
	Veterinary Anatomy and Histology	2	1.17
	Veterinary & Animal Husbandry Extension	2	1.17
	Veterinary Clinical Medicine	8	4.71
	Veterinary Gynaecology and Obstetrics	4	2.35
	Veterinary Microbiology	11	6.47
	Veterinary Parasitology	15	8.83
	Veterinary Pathology	2	1.17
	Veterinary Pharmacology and Toxicology	2	1.17
	Veterinary Physiology	1	0.60
	Veterinary Preventive Medicine	1	0.60
	Veterinary Public Health and Epidemiology	1	0.60
	Veterinary Surgery and Radiology	4	2.35
	Wild Life Sciences	10	5.88
	Total	170	100%

Year	Discipline	No. of journals subscribed	% of journals subscribed
2017-18	Agronomy	2	1.16
	Animal Biotechnology	4	2.32
	Animal Genetics and Breeding	2	1.16
	Animal Husbandry Economics	5	2.91
	Animal Husbandry Statistics	3	1.74
	Animal Nutrition	3	1.74
	Biology	14	8.14
	Botany	12	6.99
	Environmental Science	12	6.99
	Livestock Production Management	10	5.81
	Livestock Products Technology	6	3.49
	Natural Science	12	6.99
	Poultry Science	10	5.81
	Science	14	8.14
	Veterinary Anatomy and Histology	2	1.16
	Veterinary & Animal Husbandry Extension	2	1.16
	Veterinary Clinical Medicine	8	4.65
	Veterinary Gynaecology and Obstetrics	4	2.32
	Veterinary Microbiology	11	6.41
	Veterinary Parasitology	15	8.72
	Veterinary Pathology	2	1.16
	Veterinary Pharmacology and Toxicology	2	1.16
	Veterinary Physiology	1	0.58
	Veterinary Preventive Medicine	1	0.58
	Veterinary Public Health and Epidemiology	1	0.58
	Veterinary Surgery and Radiology	4	2.32
	Wild Life Sciences	10	5.81
	Total	172	100%

2018-19	Agronomy	4	2.29
	Animal Biotechnology	4	2.29
	Animal Genetics and Breeding	1	0.57
	Animal Husbandry Economics	4	2.29
	Animal Husbandry Statistics	2	1.14
	Animal Nutrition	3	1.71
	Biology	14	8.00
	Botany	12	6.86
	Environmental Science	12	6.86
	Livestock Production Management	12	6.86
	Livestock Products Technology (Dairy Science)	4	2.29
	Livestock Products Technology (Meat Science)	2	1.14
	Natural Science	10	5.71
	Poultry Science	10	5.71
	Science	12	6.86
	Veterinary Anatomy and Histology	1	0.57
	Veterinary & Animal Husbandry Extension	2	1.14
	Veterinary Clinical Medicine	10	5.71
	Veterinary Gynaecology and Obstetrics	4	2.29
	Veterinary Microbiology	11	6.28
	Veterinary Parasitology	20	11.44
	Veterinary Pathology	2	1.14
	Veterinary Pharmacology and Toxicology	1	0.57
	Veterinary Physiology	1	0.57
	Veterinary Preventive Medicine	1	0.57
	Veterinary Public Health and Epidemiology	1	0.57
	Veterinary Surgery and Radiology	3	1.71
	Wild Life Sciences	12	6.86
		175	100.00

# 3. Budget for University Library in last five years

Year	General (Rs.in Lacs)	ICAR (Rs.in Lacs)	NAHEP (IG) (Rs.in Lacs)
2014-15	8.20	0.00	0.00
2015-16	118.05	55.00	0.00
2016-17	88.50	37.50	0.00
2017-18	77.25	55.00	0.00
2018-19	78.32	20.00	29.50

# 4. Issue of books/Photocopies/CeRA in University Library in last five years

Year	Issue of books	Photocopies made	CeRA utilisation
2014-15	265	4,521	Furnished in Annexure-I
2015-16	318	4,758	Furnished in Annexure-I
2016-17	375	4,954	Furnished in Annexure-I
2017-18	406	5,142	Furnished in Annexure-I
2018-19	425	6,754	Furnished in Annexure-I

# 5. Facilities/Exhibitions/Publications/bulletins University Library in last five years

Year	Unique facilities	Exhibitions	Publications/Bulletins
2014-15	Library Automation (Koha ILMS)	1	3 / 4
2014-13	Barcode		
2015-16	RFID security system	1	4 / 5
2015-10	Digital Library		
	CCTV Electronic Surveillance System	1	3 / 6
2016-17	Biometric Access Control System		
2010-17	Colour Digital Copier		
	Binding		
2017-18	Remote Access facility to e-resources	1	4 / 6
2017-18	Smart ID Cards		
2018-19	Digitization Unit	1	3 / 6
2018-19	Plagiarism Detection System		

# ANNEXURE-I: CeRA UTILIZATION 2014-15

S. No.	Group Name	Total
1	TOTAL HITS	40276
2	Total Logins / Sessions	3162
3	Searches	19127
4	Fulltext / Abstract Views	7128
5	ILL Requests/Enquiries	608
6	TOC Browsing	5509
7	Profiles Created	5
8	E mail Alerts	0
9	RSS Feeds	0
10	Others	4737

## 2015-16

S. No.	Group Name	Total
1	TOTAL HITS	33458
2	Total Logins / Sessions	2963
3	Searches	15768
4	Fulltext / Abstract Views	5522
5	ILL Requests/Enquiries	270
6	TOC Browsing	4831
7	Profiles Created	5
8	E mail Alerts	0
9	RSS Feeds	0
10	Others	4099

# 2016-17

S. No.	Group Name	Total
1	TOTAL HITS	32440
2	Total Logins / Sessions	2537
3	Searches	17410
4	Fulltext / Abstract Views	6014
5	ILL Requests/Enquiries	239
6	TOC Browsing	3134
7	Profiles Created	2
8	E mail Alerts	245
9	RSS Feeds	0
10	Others	2859

### 2017-18

S. No.	Group Name	Total
1	TOTAL HITS	40119
2	Total Logins / Sessions	1952
3	Searches	21864
4	Fulltext / Abstract Views	5883
5	ILL Requests/Enquiries	187
6	TOC Browsing	6333
7	Profiles Created	6
8	E mail Alerts	0
9	RSS Feeds	0
10	Others	3894

2018-19

S. No.	Group Name	Total
1	TOTAL HITS	31877
2	Total Logins / Sessions	1880
3	Searches	11141
4	Fulltext / Abstract Views	7407
5	ILL Requests/Enquiries	86
6	TOC Browsing	6378
7	Profiles Created	6
8	E mail Alerts	0
9	RSS Feeds	3
10	Others	4976

**6.6.2.4.** Center for Excellence/Advance Studies/Centre for Advanced Faculty Training: Clearly mention about the name, number, year of establishment, funding agency and outcome of Centre for Excellence/Advance Studies/Centre for Advanced Faculty Training.

# Name of the Centre: Centre of Advanced Faculty Training in Avian Sciences, Department of Poultry Science, Veterinary College and Research Institute, Namakkal, Tamil Nadu

Year of establishment	Funding agency	Outcome in last five years 2014-19 Year wise details	No of participants or beneficieries / samples tested etc
1995	ICAR 2014-2015	Exploitation of poultry production by mitigating the climate and farm management to prevent global warming	15
		2. Perspectives for combating exotic and emerging diseases of poultry for sustainable poultry production and marketing	16
	2015-16	Modern innovations for enhancing marketing and export of value added poultry products	09
		2. Recent strategies and developments in diversified poultry for improvement of rural economy of small and marginal farmers	15
	2016-17	1. Issues and approaches in organic poultry production in India	12
		2. Augmentations in conservation and improving genetic resources of indigenous poultry for food security	10
	2017-18	Prospects of diversified poultry and its impact in enhancing the rural economy	14
		2. Advances in poultry production and its impact on changing global scenario	23
	2018-19	Exploring the technological approaches for enhancing the nutritive value and marketing of poultry products	10
		2. Strategies to overcome the challenges in diseases, nutritional and managemental practices for poultry production	24

### Name of the Centre

- Centre of Advance Studies (CAS) status ICAR: 1994-95
- Centre of Advanced Faculty Training (CAFT) ICAR -from 2010-11

### **List of CAFT Trainings**

2014-15	Principles And Protocols Of Applied Anatomy, Physiology And Clinical Biochemistry In Farm And Pet Animal Practice	15
	04.07.2014 To 24.07.2014	
	Imaging And Minimally Invasive Diagnostic Techniques In Farm And Pet	22
	Animal Practice	
	5.11.2014 To 25.11.2014	
2015-16	Updates In Veterinary Emergency And Critical Care Medicine In Farm And	19
	Companion Animal Practice	
	11.11.2015 To 01.12.2015	
	Veterinary Clinical Skill Development With Clinical Anatomy, Physiology And	25
	Biochemical Basis	
	03.02.2016 To 23.02.2016	
2016-17	Advances In Clinical Diagnostic Techniques In Farm And Pet Animal Practice 01.02.2017 To 21.02.2017	25
	Principles And Practices In Imaging And Endoscopy In Farm And Companion Animal Practice 07.07.2016 To 27.07.2016	15
	Recent Advances In Vector Borne Disease Diagnostics, Therapeutics And	10
	Transfusion Practices In Veterinary Medicine	10
	03.08.2016 To 23.08.2016	
2017-18	Advanced Imaging And Interventional Protocols In Disease Diagnosis And	25
2017 10	Management In Farm And Pet Animal Practice	23
	04.07.2017 To 24.07.2017	
	Updates On Clinical Diagnostic Techniques In Veterinary Practice	25
	01.02.2018 To 21.02.2018	
2018-19	Updates In The Disease Diagnosis And Treatment Protocols In Health Management Of Farm And Companion Animals	17
	21.08.2018 To 10.09.2018	
	Recent Advances In Clinical Procedures And Diagnostic Imaging Techniques	25
	In Veterinary Practice	
	18.01.2019 To 07.02.2019	
2019-2020	Advances In Disease Diagnosis And Treatment Protocols In Health	23
	Management Of Farm And Pet Animals	
	01.08.2019 To 21.08.2019	
	Imaging, Clinical Diagnostic Techniques And Therapeutic Interventions In	25
	Companion And Farm Animals	
	27.11.2019 To 17.12.2019	

### **BOOKS PROCURED WITH CAFT FUNDS:**

### 2014-2015

- Small Animal Clinical Diagnosis by Laboratory methods
- Clinical Procedures in Veterinary Nursing 3Ed
- **SAVA Manual of Canine and Feline Oncology**
- Veterinary Technician's Manual for Small Animal Emergency and Critical care

- Veterinary Treatment of Sheep and Goats
- Small Animal Diagnostic Ultrasound
- ❖ Veterinary Medicine: A Treat book of the Diseases of cattle, Horse, Sheep, Pigs and Goat / 10Ed

- Small Animal Critical Care Medicine / 2Ed
- Small Animal Endoscopy 3Ed
- Small Animal Emergency and Critical Care for Veterinary Technicians / 3Ed
- ❖ Small Animal Emergency and Critical Care Medicine 2Ed
- Veterinary Image Guided Interventions

#### 2017-18

- ❖ Text Book of Veterinary Internal Medicine, Author Ettinger
- ❖ Veterinary Medicine, Author − Constable
- ❖ BSAVA Manual of Wildlife Casualties, Author Mullineaux

### 2018-19

- ❖ Large Animal Clinical Procedures for Veterinary Technicians 3 ED, Author − HoltgrewBohling
- ❖ Text Book of Veterinary Medicine, Author − Stephen . J & Ettinger
- ❖ Veterinary Medicine (A. Abdul Raheem), Author − Peter. D. Constable
- ❖ IDR IDR, Author − IDR
- CIMS, Author CIMS

#### 2019-20

- ❖ Small Animal Dermatology a Practical Guide to Diagnosis, Author − Hill
- ❖ Large Animal Clinical Procedures for Veterinary Technicians, Author Holtgrew
- Small Animal Dermatology a Colour Atlas and Therapeutic Guide 4<sup>th</sup> EDN, Author Hnilica Patterson
- ❖ Text Book of Veterinary Internal Medicine, Author Ettinger

### 2014-2020

# Non-CAFT Training Programmes of the Department for Advanced Human Resources Development using CAFT facilities:

Sl.No	Name of the Training	Date	Other agency support	No. of participants
1.	Diseases of the small animal integument system	03.09.2014 to 05.09.2014	MARS International	10
2.	Skin diseases and their management	10.09.2014 to 12.09.2014	Indian immunologicals	
3.	Large animal ultrasonography	27.10.2014 to 01.11.2014	Goa training	4
4.	Large animal ultrasonography	01.12.2014 to 06.12.2014	Goa training	4
5.	Complete haematology, biochemical invertigation and interpretation in small animal practice	03.12.2014 to 05.12.2014	MARS International	12
6.	Large abimal ultrasonography	08.12.2014 to 13.12.2014	Goa training	4
7.	Skin diseases and their management	05.01.2015 to 07.01.2015	Indian Immunologicals	9
8.	Small animal diagnostic ultrasound and endoscopy	23.02.2015 to 27.02.2015	Kerala training	10
9.	Small animal diagnostic ultrasound and endoscopy	22.06.2015 to 26.06.2015	Kerala training	10
10.	Diagnostic ultrasound for veterinary practioners	24.08.2015 to 28.08.2015		11

11.	Principles and practices of imaging and endoscopy in farm and pet animal practice	25.04.2016 to 15.05.2016	Army officer RVC	4
12.	Continuing Veterinary education programme on Critical Care	13.11.2019- 15.11.2019	MARS India pvt ltd	10
13.	Principles and practices of imaging and endoscopy in farm and pet animal practice for army officers	MVC 07.11.2017 to 27.11.2017	Indian army-RVC	6
14.	Diseases of the integumentary system in dogs	MVC 9.11.2017 to 11.11.2017		10
15.	Ultrasonography for veterinary practitioners	MVC 28.11.2017 to 30.11.2017		10
16.	Study tour for army officers on canine medicine and surgery	MVC 15.02.2017 to 20.02.2017		6
17.	Continuing Veterinary education programme on Critical Care	17.12.2019- 19.12.2019	MARS India pvt ltd	10
18.	Continuing Veterinary education programme on Ultrasonography	27.11.2019- 29.11.2019	MARS India pvt ltd	10
19.	Continuing Veterinary education programme on Ultrasonography	26.12.2019- 28.11.2019	MARS India pvt ltd	10

**6.6.2.5. Incubation Center/Start up units/ Venture capital:** Provide the list of incubation centre(s) start up units/ venture capital set up by the University for the promotion of technologies generated at the University.

### Translational Research Platform for Veterinary Biologicals (TRPVB)

A unique partnership initiative in the naïve field of translational research between the Department of Biotechnology (DBT), GoI and Tamil Nadu Veterinary and Animal Sciences University (TANUVAS), a premiere State Veterinary University. The vision of TRPVB-TANUVAS is "to foster 'Productization' in the field of Veterinary Biologicals by converging the presently distant academic research, industry and pathways of regulatory compliance". Its mission is to "translate veterinary vaccines, diagnostics and other biologicals for field application and harness their benefit to improve animal health and productivity thereby augmenting the economic status of farmers". TRPVB-TANUVAS has taken infant steps in bridging the translational disconnect between academia, industry and regulation in the last 5 years.

### **Veterinary Incubation Centre**

Established 2018-19 at TANUVAS with funding support from the Tamil Nadu Manufacturing Business Incubation Infrastructure Development Project, Entrepreneurship Development & Innovation Institute of Tamil Nadu (EDII -TN), to leverage the infrastructure facilities and expertise of TRPVB and TANUVAS for the benefit of industry, students, entrepreneurs, start-up companies, individuals etc. The interested industry, students, entrepreneurs, start-up companies, individuals etc. can incubate here and would be given office space and in addition they would have access to products, services, infrastructural facilities. Six incubatees have registered and working to bring out innovations since 2018-19.

### Pharmacovigilance Laboratory for Animal Feed and Food Safety (PLAFFS)

A National Facility supported by DST and APEDA is functioning under the Directorate, Centre for Animal Health Studies (CAHS), Tamil Nadu Veterinary and Animal Sciences University (TANUVAS). It offers the facility of testing and reporting the levels of Mycotoxin, Drug residues, Pesticides and GMO's from various feeds, feed stuff and livestock farmers to prepare their products as per International Standards.

- "Establishment of Veterinary Forensic Sciences Laboratory" (Rs.154 Lakhs) have been sanctioned to TAN
- "Strengthening of diagnostic modalities in Teaching Veterinary Hospitals of Tamil Nadu" (Rs.325.50 Lakhs),

NABL accreditation has been acquired for the following labs:

S. No.	Unit	NABL accreditation details	Year
1.	TRPVB	NABL ISO/IEC 17025:2017	2017-18
2.	TRPVB	NABL ISO/IEC 17025:2017	2018-19
3.	PLAFFS	NABL Accreditation ISO/IEC 17025:2005	2016-17
4.	PLAFFS	NABL Accreditation ISO/IEC 17025:2005	2017-18
5.	PLAFFS	NABL Accreditation ISO/IEC 17025:2017	2018-19

#### **Establishment of Innovation and Instrumentation Centre**

To fabricate farm equipments / devices for sustainable livestock farming (Rs.150.41 lakhs) TANUVAS under National Agriculture Development Programme (NADP) for the year 2016-17. The University Innovation and Instrumentation Centre with necessary infrastructure for the design and fabrication of farm equipment / devices has been established at Instructional Livestock Farm Complex, Madhavaram under NADP Scheme on "Establishment of Innovation and Instrumentation Centre to fabricate farm equipments/devices for sustainable livestock farming".

#### Centre for Stem Cell Research

The Centre for Stem Cell Research and Regenerative Medicine was instituted in the year 2013 under Rule 110 by the Hon'ble Chief Minister of Tamil Nadu Dr.J.Jayalalithaa with a budget outlay of Rs.648.45 lakh. A separate State of art building for the Centre for Stem Cell Research and Regenerative Medicine with cGMP facility consisting of ground and one floor with plinth area of 300 SqM each has been constructed in the Madras Veterinary College campus. The Centre has the necessary infrastructure to carry out Isolation and Characterization of Stem Cells suitable for translation to Clinics. The new building with state of art facility was inaugurated on August 4<sup>th</sup>, 2017.

### Promotion of technologies generated at the University

- ❖ GOI Fully Financed Central sector scheme on Biotech Centre for Fecundity Genes" Under Integrated Development of small ruminants and Rabbits at the PGRIAS, Kattupakkam 2014-2017.
- **Second :** Establishment of *in situ* conservation centre for Bargur Cattle 2015-16
- Creation of Seed hub centre for Indigenous production of Quality seeds for pulses 2016-17
- **Ethno- Veterinary Herbal Product Research and Development centre** 2017-19
- **❖** Tamil Nadu Irrigated Agriculture Modernisation Project Sensitizing Farmers on "Nutritional supplemental strategy" 2017-19
- Establishment of Kangayam Cattle Research Station at Erode District 2017-18
- ❖ Establishment of genetic resource centre for conservation of indigenous cattle breed of Tamil Nadu − Pulikulam 2017 -18
- ❖ Establishment of Animal Feed Analytical and Quality Assurance Laboratory at VC&RI, Orathanadu, DAHD&F, MOA, GOI, New Delhi
- Establishment of Veterinary University Disease Diagnostic Laboratory at Tirunelveli. GoTN
- Nanotechnology facility to augment farm animal production and health, NADP

- Establishment of Carcass Utilization Plant NLM, GoI
- Establishment of embryo production centre for conservation of indigenous cow breeds of Tamil Nadu 2018-19 NMBH
- Stablishment of low cost hydroponic fodder production device in landless / small farmer households for sustainable livestock farming in drought affected districts of Tamil Nadu

- Establishment of Centre for monitoring, surveillance and control of livestock and poultry diseases at Madhavaram, Chennai
- Establishment of Alambadi cattle breed research centre at Dharmapuri district under NADP / RKVY
- Institutional development plan of TANUVAS ICAR
- Establishment of livestock and poultry feed technology centre at Veterinary College and Research Institute, Tirunelveli NADP/RKVY
- ❖ Certificate Course in Laboratory Animal Science (CCLAS), Accredited by Federation of European Laboratory Animal Scientists Associations (FELASA) (Ref: 052/15) for the species like Rat, Mouse and Fish and Functions: A, B, C & D is being conducted every year at Laboratory Animal Medicine unit of Directorate of Centre for Animal Health Studies. This is the only course accredited by FELASA outside Europe.
- ❖ Bovine Tuberculosis control Mycobacterium Disease in Animal Network (MyDAN scheme) is a flagship project with International collaboration on Tuberculosis with funding from Pennsylvania state University in 2017 18 and further funding from DBT in 2018 − 19. The project is under way under the Directorate of Centre for Animal Health Studies.
- ❖ **Drug Supply** Under MSDA Phase I and II and regular Animal Husbandry supply, 14 products were supplied to Veterinary dispensaries of Govt. of Tamil Nadu worth Rs.6.8 crores.
- ❖ Licence for Good Manufacturing Practice TRPVB has acquired the licence manufacture three products Gentamicin sulphate, Lanolin teat spray and Ivermectin for supply.
- **❖ Establishment of BSL3 facility** − A unique facility which permits handling zoonotic pathogens to enable research with such organisms was created in 2018- 2019 with budget outlay of 12.75 crores.

**6.6.2.6. Technology Enabled Learning Resources:** Technology allows for personalizing learning, building capacity of teachers and driving decisions based on real-time data. What kind of infrastructure, digital content, teacher training and data systems have been created in this regard. What are monitoring and evaluation frameworks to maintain and sustain these facilities?

### MVC, Chennai

S. No.	Infrastructure for teaching created	Digital content for teaching created	Faculty training for advanced teaching methods	Data system Created to enable teaching	Any monitoring and evaluation frameworks to maintain and sustain these facilities
2014-15	Module: III – Broiler and Layer Production - Broiler Production in Environmentally Controlled House and Post-Harvest Technology				
2015-16		CD-Digital guide for vets on filariasis in wild animals. The digital guide was prepared in Tamil and English to teach veterinary doctors on filarial infections of wild animals			
	Touch screen Interactive board installed in UG practical lab		-	-	-
2016-17		Video course on Veterinary Entomology and Acarology prepared			
	Artificial vagina and its accessories				

		First Mobile App (TANUVAS-VETMICRO) for Practical Veterinary Microbiology was developed utilising ICAR-IDG 2016-17 funds	ICAR short course on "Recent innovations in Education technology", held between 6th-15th Dec, 2016 at NAARM, Hyderabad (Dr M. Ananda Chitra, Assistant Professor)		
	Photography laboratory		-	-	-
2017-18				Digitization of research publications of faculty of the Department of Veterinary Parasitology, MVC from 1902-1993	
	LED TV Display Video Lesson on				
	Zoonoses developed	· ·			
	State – of the art Audio –Video recording and Editing suite	Five E-modules on Training Management, Human resource management ,Participatory Rural Appraisal, ICT and Farm Journalism for PG students  DVD on "Hydroponic fodder production" in Tamil for farmers	-	-	-
	-	Five video lessons for the BVSc & AH course were created and submitted to the NAARM under Technology Enhanced Learning in Agricultural Education (TELAgE) under Niche Area of Excellence (NAE) scheme on the subjects below:  Veterinary Anatomy  Veterinary Parasitology  Veterinary Physiology  Veterinary Pharmacology  Veterinary Gynaecology and Obstetrics	-	-	-
2018-19	-	-	Dr. K.PADMANATH, Assistant Professor, VBC attended the following NAHEP programme 1. Workshop on 'Content Development' held at Madras Veterinary College, from 18.03.2019 to 20.03.2019 2. Sensitization workshop on 'Agricultural knowledge management tools' held at Madras Veterinary College on 27.03.2019	Digitization of research publications of faculty of the Department of Veterinary Parasitology, MVC from 2002-2018	

Vertical Electrophoretic	Veterinary Parasitology E-flash cards (468 nos) as CD-prepared for VPA 211 (200 nos), VPA 221 (150 nos) and VPA 222 (118 nos) as innovative learning tool for students. These cards have a picture/photograph/ question on one side and the answer on the other side. A click at the right corner of the E-flash card enables the user to find out the answer on the next page. Used as a learning as well as evaluation tool.		Digitization of research publications of faculty of the Department of Veterinary Parasitology, MVC from 2002-2018	
system with accessories Model on Newer insights of anaemia during pregnancy and blood transfusion in canine species				
Digital Diplay Borad on Food Animal Zoonoses was created and displayed in MVC Centenary Museum	Mobile APP TANUVAS- ZOONOSES	Dr.K.Porteen, AP, VPH was deputed for Advanced Teaching innovation training programmes and workshops conducted by NAHEP		
	PSC 601 - Poultry breeding and genetics (2+1) PSC 602 - Poultry nutrition and feeding (2+1)			
			Short film on vaccination and debeaking in poultry (both English and Tamil language) was prepared and utilized for the teaching of undergraduate students and farmers from 2019-2	
	Video Film" created on Importance of pet vaccination. Foot and Mouth disease Canine Parvo viral enteritis.			
	Video tutorial for Veterinary Immunology & Serology course, developed as additional scope in existing TANUVAS-VETMICRO mobile App for students	1. ICAR-IDP sponsored workshop on "Content development" for faculties, held between 18 <sup>th</sup> -20 <sup>th</sup> Mar, 2019 at MVC, Chennai (Dr M. Vidhya, Assistant Professor)		

2. ICAR-IDP
sponsored workshop
on "Robotics based
learning system
development" for
faculties, held
between 29th -31st
Jul, 2019 at MVC,
Chennai
(Dr M. Vidhya,
Dr S. Rajalakshmi
- Assistant
Professors)
3 ICAR-
IDP sponsored
workshop on
"Modern Education
technology" for
faculties, held
between 22 <sup>nd</sup> -24 <sup>th</sup>
Aug, 2019 at MVC,
Chennai
(Dr M. Vidhya,
Dr S. Rajalakshmi
- Assistant
Professors)
Dr.M. Palanivelrajan
participated in the
ICAR NAHEP
programme
workshop
on "Content
development"
from 18.03.2019
to 20.03.2019 at
Madras Veterinary
College, Chennai - 7

# Training under NAHEP, ICAR for Faculty

S. No	Year	Name of training	Venue & date	No. of staff	Benefits/ Outcome of
			(from - to)	trained	training
1.	2018-19	i) Content	Madras	15	To learn about use of
		development	Veterinary		different media in learning
			College,		design for better teaching
			18.03.2019 to		
			20.03.2019		
		ii)Sensitization	Madras	4	Initiated few methodologies
		workshop on	Veterinary		in Veterinary Clinical
		agricultural	College		Medicine Teaching
		Knowledge	27.03.2019		
		management tools			
2.	2019 up to	i) Robotics based	Madras	13	Trained to develop
	30.11.19	learning system	Veterinary		various techniques used in
		development	College		veterinary education and
			29.07.2019 to		to improve the teaching
			31.07.2019		methodology
		ii) Modern	Madras	10	
		education	Veterinary		
		technology	College		
			19.08.2019 to		
			21.08.2019,		
		iii) Pedagogical	Madras	15	
		tools in modern	Veterinary		
		Veterinary	College		
		Education.	19.09.2019 to		
			21.09.2019		
		iv) Market	Madras	5	Quantitative Approach to
		Intelligence	Veterinary		Market Intelligence trained
			College,		
			Chennai		
			13.12.2019 to		
			18.12.2019		
		v)Implementation	Madras	3	-
		of Academic	Veterinary		
		Management	College,		
		System	Chennai,		
			19.12.2019		
			and		
			20.12.2019		

# Personality and career development programmes conducted

Year	Name of the programme	No. of students benefited
2014-15	0	0
2015-16	0	0
2016-17	Motivational Training Programme for the Pre-final year students of	110
	Madras Veterinary College, Chennai was organized by the University	
	Students' Counselling and Placement cell (USC & PC), Madras	
	Veterinary College, Chennai on 25.04.2017 and 26.04.2017	
2018-19		

2019 up to	Developing better attitudes and self-confidence for successful	
30.11.2019	career" were organized to the Veterinary graduates (UG & PG) under	
	ICAR Development grant at the Department of LBM through RIPE	
	Consultancy Services Pvt. Ltd.	
	• The first training programme was conducted for the benefit of 1st year BVSc graduates on 02.02.2019, on 16.02.19	108
	• Similar training programmes at different level were conducted to	
	II BVSc, V BVSc and PG students. A total of 76 students attended (35 girls and 32 boys of 2 <sup>nd</sup> year, 17 boys & 15 girls of final year,	76
	22 Male and 21 female Scholars).	
	Similarly, on 23.03.19, a training programme was organized for	35
	IV BVSc students and PG students of College of Food and Dairy	
	Technology. (IV BVSc Boys:, Girls: 26 M.Tech Boys 4 Girls 5).	

# VCRI, Namakkal

S. No.	Infrastructure for teaching created	Digital content for teaching created	Faculty training for advanced teaching methods	Data system Created to enable teaching	Any monitoring and evaluation frameworks to maintain and sustain these facilities
2014-15		Video lesson on Rumenotomy			
2014		Video lesson amphibian experiments			
2015-16		Video lesson on large animal intestinal surgeries	Dr. S.Senthilkumar of the Department was deputed for TNSCST young scientist fellowship training from 01.06.2015 to 31.07.2015 collaborative research on large animal anaesthesia		
	LCD Projector and Digital Presentation of Assignments	-	Dr. R.Saravanan Assistant Professor attdented Cross Breed Male Infertility and Bovine Genomics from 08.12.15 to 17.12.15 at Animal Biotechnology Centre, ICAR, National Dairy Research Institute, Karnal, Haryana	-	-
2016-17	Computerised radiography unit	Video lesson on diaphragmatic hernial repair in bovine			
2017-18				Creation of digital x-ray library	
			Book published on Veterinary Clinical and diagnostic Parasitology		
2018-19	Establishment of ct scan unit	Video lesson on general surgical instrumentation and operation theatre procedures			
			Dr.A.K.Thiruvenkadan, Professor of this Department attended "Overseas Training" at Washington State University, Pullman, USA from 30.09.2019 to 22.11.2019		

# VCRI, Orthanadu

S. No.	Infrastructure for teaching created	Digital content for teaching created	Faculty training for advanced teaching methods	Data system Created to enable teaching	Any monitoring and evaluation frameworks to maintain and sustain these facilities
2014-15	Laboratories established : Audio-visual technology laboratory, Mini seminar room, Photography-cum- graphic Projection unit, Museum-cum-live-stock advisory unit	Prepared Educational short film	-	-	Regularly conducted classes
	Skeletons prepared for teaching Osteology Ox :1, Horse: 1, Goat: 1, Dog: 1	Power point presentation for Veterinary Splanchnology prepared			
2015-16	Skeletons prepared for teaching Osteology Camel :1, Horse: 1, Buffalo: 1, Fowl: 1	Power point presentation for Veterinary Angiology and Neurology prepared as CDs			
2016-17	Skeletons prepared for teaching Osteology Ox :1, Horse: 1, Emu: 1, Coloured horse: 1	Power point presentation for Veterinary Aesthesiology and Applied anatomy prepared			
2017-18	Skeletons prepared for teaching Osteology Umbalachery :1, Dog: 1, Pony: 1, Duck: 1	Power point presentation for Veterinary Histology prepared as CDs			
2018-19	Skeletons prepared for teaching Osteology Pig:1, Pigeon: 1, Dog: 1	Power point presentation for Veterinary Embryology prepared as CDs			

### VCRI, Tirunelveli

SI. No.	Infrastructure for teaching created	Digital content for teaching created	Faculty training for advanced teaching methods	Data system Created to enable teaching	Any monitoring and evaluation frameworks to maintain and sustain these facilities
2014-15	Parasites museum with in-built light system was created				
2015-16	All in One Microscope with digital imaging system	Digital imaging			
2015-16	Purchased PCR machine for UG practical and research purpose				
2016-17		Computerised Teaching technology for General Parasitology			
2017-18		Computerised Teaching technology for Helminthology			
2017-18		Developed Video lessons on 54 diseases for the course VPE 321			
2018-19	Purchased ELISA reader for UG practical and research purpose	Computerised Teaching technology for Protozoology			

### CFDT, Koduvalli

### **Infrastructure created for Teaching**

There are exclusive classrooms for each batch and each discipline at Undergraduate and Post Graduate level. Each classroom is equipped with Over Head Projector, Audio Visual aids and two conference halls equipped with Smart Boards.

### Digital content for teaching

The theory and practical classes are recorded and the contents are stored digitally and this can be used for further learning whenever required. All course materials are available as digital contents and this is shared with the students. Total number of PowerPoint slides prepared during the years 2014-15, 15-16, 16-17, 17-18 and 18-19 are 60, 64, 67, 63 and 72 respectively.

### Faculty training for advanced teaching methods

### Data system created to enable teaching

Computer Aided Instructions and Computer Based Tutorials are available at College of Food and Dairy Technology Library for use by the students.

### Monitoring and Evaluation framework to maintain and sustain these facilities

The infrastructure intended for Teaching – Learning process is under the control of Education Cell of this College and will be regularly monitored, maintained and evaluated by the faculty assigned for the duty. The Head of the Institute will have an overall supervision and control over all such facilities.

### CPPM, Hosur

S. No.	Infrastructure for teaching created	Digital content for teaching created	Faculty training for advanced teaching methods	Data system Created to enable teaching	Any monitoring and evaluation frameworks to maintain and sustain these facilities
2014-15		Power point : 35			
2015-16		Power point : 39	2		
2016-17		Power point : 44	4		
2017-18		Power point : 43	4		
2018-19		Power point : 45	2		

**6.6.2.7. Integrated Learning Systems (Experiential Learning):** How many these units have been sanctioned by the ICAR? Mention the functional condition of each unit. Provide data regarding year wise profit sharing with the students from each unit.

#### EXPERIENTIAL LEARNING PROGRAMME

### Madras Veterinary College, Chennai

Year	No. Projects undertaken	Project details	No. of students trained	Income generated (in Rs.in lakhs)	Monetary share for students (Rs.lakhs)
2014-15	1	Critical care and inpatient clinical care	120	-	-
2015-16	1	Critical care and inpatient clinical care	120	-	-
2016-17	1	Critical care and inpatient clinical care	120	2.30	-
2017-18	1	Critical care and inpatient clinical care	100	66.97	-
2018-19	3	Critical care and ICAR experiential learning on broiler production inpatient clinical care	110	57.80	-
		ICAR experiential learning on broiler production	19	2.65	26507
		ICAR ELU Animal blood bank	150	-	2250
2019 up to 30.11.19	3	Critical care and inpatient clinical care	25	56.05	18800
		ICAR experiential learning on broiler production	19	2.65	26507
		i) ICAR ELU Animal blood bank	10	-	1500

# **Entrepreneural Training**

Year	No. Projects undertaken	Project details	No. of students trained	Income generated (in Rs.in lakhs)	Monetary share for students (in Rs.)
2014-15	2	Entrepreneurial training programme on mineral mixture production mineral mixture production	20	0.35	3500
		Entrepreneurship programme on Value added meat products	26	0.91	65
2015-16	3	Preparation of various dairy products	30	0.34	1048
		Entrepreneurial training programme on mineral mixture production mineral mixture production	20	0.36	3600
		Entrepreneurship programme on Value added meat products	20	0.66	57
2016-17	1	i)Entrepreneurship programme on Value added meat products	10	0.29	37
2017-18	2	Entrepreneurial training programme on mineral mixture production mineral mixture production	20	0.38	3800
		Entrepreneurship programme on Value added meat products	10	0.46	48
2018-19	3	Entrepreneurial training programme on mineral mixture production mineral mixture production	10	0.84	8350
		Entrepreneurship programme on Value added meat products	20	1.03	67
2019 up to	3	Preparation of milk products	1	1.19	6660
30.11.19		Entrepreneurial training programme on mineral mixture production mineral mixture production	1	0.84	8400
		Entrepreneurship programme on Value added meat products	20	0.73	59

# VCRI, Namakkal

- Setting up of facilities for hands on training on feed manufacturing technology
- Setting up of facilities for hands on training on commercial pig rearing
- Establishment of a model demonstration unit for processing of milk and preparation of value added milk products

ICAR schei	ICAR scheme on experiential learning - Setting up of facilities for hands on training on feed manufacturing								
	technology (Seed money- 50 lakhs)								
Financial	Batch of	No. Of students	Total dividend	Dividend share	Total quantity of				
year	students	(BVSc&AH)	disbursed to	per student	feed produced				
		participated	students	(Rs. In lakhs)	(kg)				
			(Rs. In lakhs)						
2015-2016	2013-14	69	0.68	0.00988	88,039				
2016-2017	2014-15	19	0.64	0.03406	90,584				
2017-2018	2015-16	58	1.33	0.02306	1,23,915				
2018-2019	2016-17	80	1.91	0.02397	1,29,940				

ICAR scheme on experiential learning - Setting up of facilities for hands on training on commercial pig rearing (seed money 22 lakhs)						
Financial year	Batch of students	No. Of students (BVSc&AH) participated	Total dividend disbursed to students (Rs. In lakhs)	Dividend share per student (Rs. In lakhs)	Number of animals sold	
2015-2016	2013-14	20	0.31	0.01	21	
2016-2017	2014-15	19	0.51	0.02	35	
2017-2018	2015-16	20	1.05	0.05	51	
2018-2019	2016-17	30	1.59	0.05	75	

ICAR experiential learning programme on Establishment of a model demonstration unit for processing of milk and preparation of value added milk products						
Financial year	Batch of students	No. Of students (BVSc&AH) participated	Total dividend disbursed to students (Rs. In lakhs)	Dividend share per student (Rs.in lakhs)	Value added dairy products	
2018-2019	2016-17	32	0.40	0.01		

The above ELP modules are functioning successfully and students are acquiring entrepreneurial skills of manufacturing / producing and marketing. The profit share of 75% is disbursed to students as dividend annually.

### **Entrepreneurial Training Programme**

In Broiler production project Rs.850/student distributed to 15 students as profit share.

### VCRI, Tirunelveli

Since this college is functioning from 2012 only, ELP module has not been undertaken. However, as per the VCI regulations 2008, Entrepreneurial Training Programme on various farming and non farming sectors are being taken up by the students during their third year programme and the profit generated through the various ETP programmes (average of Rs.5,000 per student) was distributed to the students.

### VCRI, Orthanadu

Since this college is functioning from 2012 only, ELP module has not been undertaken. However, as per the VCI regulations 2008, Entrepreneurial Training Programme on various farming and nonfarming sectors are being taken up by the students during their third year programme and the profit generated through the various ETP programmes (average of Rs.2, 000 per student) was distributed to the students.

Year	ETP Programme (Individual programme wise)	Department	No. of Students involved	Total revenue generated in lakhs Rs	Profit per student in lakhs Rs
2015	ETP on Milk Products	LPT	8	0.33	0.01
2015	ETP on Meat production and processing	LPT	4	0.68	0.03
2015	Diversified poultry farming	LFC	4	0.37	0.02
2015	Diversified poultry farming	LFC	5	0.41	0.01
2015	Broiler and egg production	LFC	5	0.40	0.023
2015	Pig Production	LFC	4	0.45	0.03
2015	Diversified poultry farming	LFC	5	0.44	0.02
2015	Broiler poultry farming	LFC	5	0.35	0.01
2016	ETP on Milk Products	LPT	6	0.39	0.02

2016	ETP on Meat Production and processing	LPT	5	0.34	0.02
2016	Goat Farming	LFC	5	0.36	0.02
2016	Diversified poultry farming	LFC	5	0.42	0.02
2016	Pig rearing	LFC	5	0.56	0.06
2017	ETP on Milk Products		3	0.23	0.03
2017	ETP on Meat production and processing	LPT	3	0.32	0.05
2017	Diversified poultry farming	LFC	4	0.42	0.03
2017	Diversified poultry farming	LFC	5	0.54	0.07
2018	ETP on Milk Products	LPT	7	0.39	0.02
2018	ETP on Meat production and processing	LPT	8	0.66	0.03
2018	Goat Production	LFC	7	0.40	0.04
2018	Pig farming	LFC	7	0.93	0.05
2018	Dairy production	LFC	7	0.41	0.01
2018	Broiler and egg production	LFC	7	0.44	0.02
2018	Diversified poultry	LFC	7	0.57	0.02
2018	Entrepreneurial training on sheep farming	LFC	7	0.47	0.02
2019	ETP on Milk Products	LPT	8	0.35	0.01
2019	ETP on Meat production and processing	LPT	9	0.39	0.01
2019	Broiler egg production	LFC	9	0.47	0.02
2019	Goat Production	LFC	9	0.47	0.03
2019	Poultry farming (Quail)	LFC	9	0.53	0.02
2019	Sheep production	LFC	9	0.50	0.02
2019	Pig Production	LFC	9	0.52	0.01
2019	Goat Production	LFC	9	0.47	0.03

### CFDT, Koduvalli

- The experiential programme on "Processing of Milk and Milk Products" was started in this College on 31.03.2012 with a financial outlay of Rs.95.25 lakhs.
- ❖ On 30.09.2015, accrued interest rate to the tune of Rs.11.13 lakhs was returned to the University. Seed money to the tune of Rs.5.64 was generated during the process and 17, 21 and 20 number of B.Tech (Food Technology) students belonging to 2011-12, 2012-13 and 2013-14 were the beneficiaries.
- ❖ During the year 2017-18, 21 B.Tech (Dairy Technology) students were given Rs.0.18 lakhs as Students Share and 18 B.Tech (Food Technology) students were given Rs.0.13 lakhs as Students Share.
- ❖ During the year 2018-2019, 19 B.Tech (Dairy Technology) students were given Rs.0.72 lakhs as Students Share and 18 B.Tech (Food Technology) students were given Rs.0.43 lakhs as Students Share.
- Present status of All ELP modules

S.No	Year	Name of Experiential	No. of Students	Revenue generated
		Programme	benefitted	(Rs. In Lakhs)
1	2014-2015	"Processing of Milk	17	ELP module
2	2015-2016	and Milk Products"	21	standardization work.
3	2016-2017	with a budget outlay of	20	No revenue shared to
		Rs.95.25 lakhs		students but seed money @
				Rs.5.26 lakhs generated
4	2017-2018		39	0.32
5	2018-2019		37	1.16

**6.6.2.8. Academic Industry Interface:** Mention the important channels for knowledge transfer between University and firms. How the university has been benefited in last five years in terms of resource mobilization, research funding, knowledge transfer and others.

### Industry Institutional Linkages in the last five years-National

Year	Collaborating Industry	Purpose	Total outlay (Rs. in lacs)	Status (Completed/
	Industry		(2250 222 2005)	under progress)
2014-15	M/s. VWF Industries Pvt. Ltd., Mysore	Influence of structured water on the performance of broilers	2.20	Completed
	M/s. Boehringer Ingelheim Pvt. Ltd, Mumbai	Isolation and molecular characterization of <i>Avibacterium</i> paragallinarum in Poultry	3.64	Completed
	M/s. Boehringer Ingelheim Pvt. Ltd, Mumbai	Isolation and pathological characterization of <i>Gallibacterium anatis</i> in Poultry	3.00	Completed
	M/s. Mahindra Consulting Engineers Ltd.,	Empowerment of recovered persons of mental illness through dairy farming activity in Madurai District	2.93	Completed
	M/s. Indian Immunologicals Ltd., Hyderabad	Efficacy and safety study of recombinant porcine cysticercosis vaccine (TSOL 18 Vaccine) in Pigs	8.69	Completed
2015-16	-			
2016-17	M/s. Saraswathy Foundations	Study on growth performance of desi chicken fed with non conventional feed stuffs-Oats waste and Moong Dal	1.00	Completed
	Sihil Pharma, Chennai	Prevalence of Bovine trichomoniosis in India using Inpouch TF Media	7.43	Completed

### Industry Institutional Linkages in the last five years-International

Year	Name of the overseas linkage	Purpose	Total outlay	Status (Completed/
			(Rs.in lacs)	under progress)
2014-15	Seppic, France	Research	4.91	Completed
2017-18	Nutreco, The Netherlands	Research	16.62	On-going
2018-19	Seppic France	Research	3.94	On-going

### Innovations/Technologies developed in the last five years

Year	Particulars (Innovations /technologies	Status Completed/	Adoption and coverage
	developed/outputs)	under progress	
2014-15	IgM based enzyme-linked immunosorbent assay for serodiagnosis of Leptospirosis using novel recombinant multiepitopic antigen developed by the Translational Research Platform for Veterinary Biologicals, Chennai-51	Completed	
	ICAR- TANUVAS Mobile Poultry Processing Unit	Completed	
	Practice of Permanent Body Tattooing for identification in pigs	Completed	
	A multi epitope antigen based Leptospirosis diagnostic kit using by IgM ELISA developed by the Department of Animal Biotechnology, MVC, Chennai in collaboration with Anna University	Completed	M/s. Genomix Molecular Diagnostics Biotech Pvt. Ltd., Hyderabad for commercial production on 06.01.2015

	Three technologies namely Nano particle based ND vaccine; Collagen bead based delivery of ND vaccine; Bovine platelet Lysate developed by the Translational Research Platform for Veterinary Biologicals, Chennai	Completed	M/s.Hester Biosciences Ltd., Ahmedabad for commercial production by on 16.12.2015.
	Three technologies namely Photolyser, Portable Static Incubator and LAMP device developed by the Translational Research Platform for Veterinary Biologicals, Chennai	Completed	M/s. Endhiram Innovations LLP, Chennai
2015-16	TANUVAS Petfeast; TANUVAS Petfeast plus; Japanese quail tandoori; "Ready-to- cook" Japanese quail tandoori; Chicken cutlet – A fortified value added product with pearl millet; Chicken soup – A fortified value added product with finger millet; Ethno veterinary medicine using Aloe vera gel and Dual type shed for goats and desifowls	Completed	
2016-17	Bru alert kit - Monoclonal based ELISA; TANUVAS Surgical Scrub kit, Nano Heal and Nano Dermal Cream; Mastiguard – Teat Protect and TANUVAS SCC count kit, Chicken meat balls and Functional chicken patties with millets	Completed	
	Bluetongue inactivated attenuated vaccine with seed virus for sheep developed by the VRC-VV	Completed	M/s. Brilliant Bio- Pharma Ltd., Hyderabad for commercial production on 24.01.2017
	TANUVAS live attenuated Goat pox vaccine developed by the Central University Laboratory, TANUVAS, Chennai	Completed	M/s. Brilliant Bio- Pharma Ltd., Hyderabad for commercial production
	Technology on Rapid Plate Agglutination Test for the detection of Antibody against Mycoplasma gallisepticum using serum samples developed by the Central University Laboratory, Chennai	Completed	M/s. Venkateshwara Hatcheries pvt. Ltd., Pune for commercial production on 13.01.2016
	Three technologies namely Bovine ABT choice kit, TB alert kit and EndoMetB developed by the Translational Research Platform for Veterinary Biologicals, Chennai	Completed	M/s. Genomix Molecular Diagnostics Biotech Pvt. Ltd., Hyderabad on 13.01.2016
2017-18	Nano-IVMEC Shampoo; A1/A2 Detect; CPV and Rabies antibody detection kit; Teat spray	Completed	
2018-19	An extraction method for detection of Bacillus anthracis DNA by Triple marker multiplex Polymerase chain reaction, a simple and cheaper method for DNA extraction was developed at Zoonoses Research Laboratory, Chennai	Completed	

	<ul> <li>Low Cost Somatic Cell Counting         Technique for Udder Health Care</li> <li>Low Cost Mobile Cow Lifter &amp; Downer         Mobility Cart</li> <li>Farm Gate Test for Early Mastitis         Detection</li> <li>Livestock Disease Forecasting Software</li> <li>ECG markers for early detection of         bovine hypocalcemia         Developed at Department of Veterinary         Clinical Medicine, VC&amp;RI, Orathanadu</li> </ul>	Completed	
2018-19	Evans syndrome flow cytometry staining kit for dog; ProBeads; Bovine Masti Cure Plus; Nano-Herbal Methicone Lotion; Nano Sarcoid Cream; AMS Green Tea Beads for Coccidia and AMS Beads for Coccidia; Solar tick trap with pheromone impregnated vapour patch as bait; Ghee residue Candy with orange peel, Milk protein fortified fibre enriched noodles, Low cost whey concentrate enriched Instant Powder mix Protein, Ghee residue chocolate, Papaya kalakhand, Choco bar	ProBeads - EC	
2018-19	A technology on "Solar tick trap with pheromone impregnated vapour patch as bait" was transferred for public utility through TRPVB, TANUVAS on 31.03.2019		
	Value added milk products like  ♣ Ghee residue Candy with orange peel  ♣ Milk protein fortified fibre enriched noodles  ♣ Low cost whey concentrate enriched Instant Powder mix Protein  ♣ Ghee residue chocolate  ♣ Papaya kalakhand  ♣ Choco bar Developed at the Department of Livestock Product Technology (Dairy Science), Madras Veterinary College, Chennai		
	Technology on Development of Vitamin D fortified Ice cream was developed at Department of Livestock Products Technology, VC&RI, Orathanadu.  • Milk protein enriched noodles • Fibre enriched noodles • Omega 3 enriched designer chocolate • Millet ice cream • Fruit yoghurt Developed at College of Food and Dairy Technology, Koduveli		

Technology on Preparation of barbecued	
pork from low value head meat developed	
by the Department of Livestock Products	
Technology (Meat Science), Madras	
Veterinary College, Chennai.	

S. No	Description	Product	Usage / Adoption
1.	Masti – Guard		
	1.Teat Protect		State Veterinarians all over Tamil Nadu, Private Diary Farms, KVK thorughout Tamil Nadu, Individual Farmers
	2.TANUCHEK SCC Kit	TANUCHE COKIT	State Veterinarians all over Tamil Nadu, Private Diary Farms, KVK thorughout Tamil Nadu, Individual Farmers
2.	TANUVAS Scrub Kit	TANDUAS TOPYS  Uses to observe the second of	Department of Clinics, MVC, Private Clinics, Veterinary Surgeons
3.	Nano Heal	Nano Heat	Veterinary Clinics, Individual Pet Owners, KVK thorughout Tamil Nadu,Sripuram Temple Elephant and kancheepuram temple elephant
4.	Nano Dermal Cream	TOPYD Man format Great Annual State Control of the	Private Veterinary Clinics, Individual Pet Owners
5.	A1/A2 Detect Kit		Organized Farms, Individual Farmers
6.	Nano Egg Guard	time to com	Venkateswara Hatchery, Private Poultry farms, Hatsun, IIT Startup company
7.	Nano Egg Guard Coated Tray		Namakkal Veterinary College, Farmers, Private Poultry Farms
8.	TANUVAS Keto Check	100 mm 10	State Veterinarians all over Tamil Nadu, Department of Clinics, MVC and private clinicians, etc.,
9.	Progesterone Nanopatch (ProSync – NF)	PRINCIPLE OF PRINC	State Veterinarians all over Tamil Nadu, Private Diary Farms, KVK thorughout Tamil Nadu, Individual Farmers

10.	Prosync - NC	Property and the second	State Veterinarians all over Tamil Nadu, Private Diary Farms, KVK thorughout Tamil Nadu, Individual Farmers
11.	Nano-IVMEC Dog Shampoo	TOTAL STATE OF THE	Private Veterinary Clinics, Department of Clinics, MVC, Individual pet owners
12.	Bru Alert Kit	The state of the s	IAVBH Bangalore, Cavin Care, State Veterinarians all over Tamil Nadu,Path Lab, Delhi
13.	Wild TB Alert Kit	Wild TB Alert Taker takes Alert Text RR Taker Takes Text RR Taker Takes Text RR Taker Takes Text RR Taker Text Rand	National Zoological Park, Bannerghatta bear rescue centre Wildlife SOS, Wild life Sanctuaries all over India

A Memorandum of Understanding (MoU) was signed between TANUVAS and Charoen Pokphand Foods (India) Private Limited (CPFIPL) on 01.10.2015 to develop cooperative relationships on the basis of mutual understanding especially in developing skill development programmes (Quick development courses), facilitating students exchange and assistance in industrial placements for students of B. Tech (Poultry Production Technology) besides assisting students in entrepreneurial activities and facilitating the placement of students at CPFIPL

### Resources generated in terms of inputs supplied

### **Directorate for Extension Education**

Year	Name of the input	Quantity	No. of farmers	Amount
2014.15	TANHUM CAN INC.	supplied	benefitted	(in Rs.)
2014-15	TANUVAS Mineral Mixture	172	42	9460.00
	TANUVAS SMART	309	15	13905.00
	TANUVAS Salt Lick	107	35	6955.00
	Fodder seeds	161	114	64400.00
	Azolla seeds	105	52	8400.00
	Fodder slips	2500	1	1875.00
	Green fodder	75	16	675.00
	Livestock and poultry feed	122	52	2440.00
	Chicks all types including Japanese	960	37	24000.00
	Quail			
2015-16	TANUVAS Mineral Mixture	242	36	13310.00
	TANUVAS SMART	2	2	90.00
	TANUVAS Salt Lick	279	5	18135.00
	Fodder seeds	121	58	48400.00
	Azolla seeds	170	8	13600.00
	Seeds other than fodder and azolla seeds	202	56	22220.00

	Fodder slips	4414	33	3310.50
	Livestock and poultry feed	799	131	15980.00
	Chicks all types including Japanese	273	57	6825.00
	Quail			
2016-17	TANUVAS Mineral Mixture	702	385	38610.00
	TANUVAS SMART	428	98	19260.00
	Fodder seeds	89	128	35600.00
	Azolla seeds	40	37	3200.00
	Seeds other than fodder and azolla seeds	508	74	55880.00
	Fodder slips	2500	38	1875.00
	Green fodder	364	302	3276.00
	Livestock and poultry feed	1180	20	23600.00
	Chicks all types including Japanese Quail	967	466	24175.00
2017-18	TANUVAS Mineral Mixture	850	150	46750.00
	TANUVAS Salt Lick	230	100	14950.00
	Fodder seeds	164	136	65600.00
	Azolla seeds	42	42	3360.00
	Seeds other than fodder and azolla seeds	123	84	13530.00
	Fodder slips	31911	350	23933.25
	Livestock and poultry feed	500	250	10000.00
	Chicks all types including Japanese Quail	860	100	21500.00
	Livestock (all types)	1000	100	5000.00
2018-19	TANUVAS Mineral Mixture	479	295	26345.00
	TANUVAS SMART	810	311	36450.00
	Fodder seeds	488	774	195200.00
	Azolla seeds	705	344	56400.00
	Fodder slips	431	8	323.25
	Livestock and poultry feed	95	45	1900.00
	Chicks all types including Japanese	10096	1172	252400.00
	Quail			
	Total			12,53,098.00

# **Directorate of Centre for Animal Production**

Year	Total revenue generated (A)	Quantity	No. of	AMOUNT
		Nos. / kg / lits/	farmers	( Rs.)
		tonnes	benefited	
2014-15	Consultancies		4124	
	Certification		38	41000
	Training	4 Nos.	593	3820
	Sale of inputs			0
	Livestock and Poultry feeds	2320692 kg.	4797	55217804
	TANUVAS Mineral Mixture	102081 kg.	395	4085200
	Mineralized Salt Lick	574 Nos.		22960
	Co4 fodder	2906 Nos.		9744
		8000 kg		
	Fodder seed production	2081 Nos.	207	1058494
	Turkey feed	1000 Nos.	10	21263
	Cow – crossbred	47 Nos.	38	2128000
	Sheep	435 Nos.	85	1449263
	Goat	16 Nos.	12	158000
	Pigs	1011 Nos.	67	5829000
	Rabbit	231 Nos.	130	85445
	Geese	24 Nos.	8	19000
	Mannure	56.86 tonnes	6	105186
	Wool	2545 kg.	0	94839
	Chicken	16495 Nos.	62	577325
	J.Quail	35728 Nos.	109	178640
	Turkey	3621 Nos.	95	264010
	Turkey poults	1392 Nos.	35	104400
	Mutilated turkey meat	156 kg.	02	12480
	Emu birds	292 kg.	146	43800
	Guinea fowl	634 Nos.	20	15850
	Hatching eggs	25 Nos.	05	250
	Chicken hatching eggs	3485 Nos.	4	52275
	J.quails hatching eggs	3520 Nos.	8	7040
	Turkey hatching eggs	137 Nos.	4	5480
	Turkey egg molange	60 Nos.	02	60
	Emu eggs	2 Nos.	2	1000
	Guinea fowl hatching eggs	240 Nos.	3	4800
	Table eggs	91 Nos.	04	546
	Milk & milk products	20562 Nos.	439	1645000
	Project report	4 Nos.	4	6440
	Sale of books and DVD	140 Nos.	140	2600
	Post mortem	3 Nos.	3	60
	Any other			251326
	Total			7,35,02,400

Knowledge Transfer by Distinguished Visitors –National & International in the last five years

2014 -15

Date of visit	Name of the Visitor	Place of visit
06.04.2014	Dr.R.K.Singh, Director cum Vice Chancellor, IVRI, Izatnagar	Post Graduate Research Institute in Animal Sciences, Kattupakkam
17.04.2014	Mrs.Anuradha Prasad, Joint Secretary, Ministry of Food Processing Industry, Government of India and Dr.A.K.Rajput, Executive Director, All India Poultry Breeders Association, New Delhi	Animal Feed Analytical and Quality Assurance Laboratory, Namakkal
12.05.2014	Dr.Mahadev D.Gavali, Assistant commissioner of Animal Husbandry and Dr.Sanjay Shinde, L.D.O (A.H), Pune, Maharashtra Dr.Arthur Louis Goetsch, and Tilahun Sahlu, Langston University, USA	University Research Farm, Chennai
13.05.2014	Dr.Mahadev D. Gavali, Asst. commissioner A.H., and Dr.Sanjay Shinde, L.D.O (A.H), Pune, Maharashtra	Post Graduate Research Institute in Animal Sciences, Kattupakkam
20.05.2014	Prof. Nagendra Sharma, Former Vice-Chancellor, SKUAST and Director, NDRI, Karnal	Krishi Vigyan Kendra, Kattupakkam
21.05.2014	Dr.Arthur Louis Goetsch, and Tilahun Sahlu, Langston University, USA	Post Graduate Research Institute in Animal Sciences, Kattupakkam
22.05.2014	Dr. Beth Purse, Scientist, Centre for Ecology and Hydrology, Oxford, UK	Vaccine Research Centre-Viral Vaccine, Chennai
07.06.2014	Dr.Cyril Clarke, Dean, Virginia Maryland, USA	Pharmacovigilance Laboratory for Animal Feed and Food Safety, Chennai
02.07.2014	Prof. A.S.Mahfuzul Bari, Vice-Chancellor, Chittagong Veterinary and Animal Sciences University, Bangladesh	Animal Feed Analytical and Quality Assurance Laboratory, Namakkal
03.07.2014	Dr.Tim Rowan, GALVmed, Edinburgh, UK	Post Graduate Research Institute in Animal Sciences, Kattupakkam
06.07.2014	Prof. A.S.Mahfuzul Bari, Vice-Chancellor, Chittagong Veterinary and Animal Sciences University, Bangladesh	Post Graduate Research Institute in Animal Sciences, Kattupakkam
10.07.2014	Dr. Diana Sandstrom, Blacksburg, USA	Pharmacovigilance Laboratory for Animal Feed and Food Safety, Chennai
16.07.2014	Dr. Cyril Clarke, Dean, Virginia Maryland, USA	Central University Laboratory, Chennai
06.08.2014	Dr.N. Nanthakumar, Assistant Professor, VALMA Regional college of Vet. Medicine, USA	Pharmacovigilance Laboratory for Animal Feed and Food Safety, Chennai
18.08.2014	Th.S.Manoharan,I.A.S., District Collector, Pudukkottai	TANUVAS Regional Research Centre, Pudukottai
16.10.2014	Tmt.S.Jayandhi, District Collector, Karur	Veterinary University Training and Research Centre, Karur
26.10.2014	Th.T.K. Rajendran, IPS, ADGP (L & O), Chennai	Krishi Vigyan Kendra, Kattupakkam

09.11.2014	Peer Review team of ICAR comprising of Dr. A.T. Sherikar, Chairman; Dr. S.K. Roy, Member; Dr. K.N. Aravind Ghosh, Member and Dr.G. Venkateshwarlu, Member Secretary and Assistant	Veterinary University Training and Research Centre, Coimbatore
21.11.2014	Director General (EQR), ICAR  Mr. Nair, Trans- disciplinary Health Sciences technologies, Bangalore and Kethrine Teresa, Netherlands	Veterinary University Training and Research Centre, Trichy
02.12.2014	Prof. Wim.Dee Whittier, Director of Veterinary Extension, Virginia Tech, USA	Post Graduate Research Institute in Animal Sciences, Kattupakkam
05.12.2014	Shri KVivekanandan, I.A.S., District Collector, Dharmapuri	Veterinary University Training and Research Centre, Dharmapuri
10.12.2014	Dr.A.K.Srivastava, Director, NDRI, Karnal	Pharmacovigilance Laboratory for Animal Feed and Food Safety, Chennai
08.01.2015	Dr.George Bohart, Anaesthetist MSU, USA	Veterinary College and Research Institute, Namakkal
20.01.2015	Dr.Darez Ahamed, I.A.S, District Collector, Perambalur	Veterinary University Training and Research Centre, Perambalur
02.02.2015	Dr. Ayona Silva Fletcher, Royal Veterinary College, London	Madras Veterinary College, Chennai
18.02.2015	Dr.Abdulrahuman Mohammad, Nigeria	Pharmacovigilance Laboratory for Animal Feed and Food Safety, Chennai
20.02.2015	Thiru P.Ayangaranesan, Agriculture Minister Sri Lanka	Post Graduate Research Institute in Animal Sciences, Kattupakkam

Date of visit	Name of the Visitor	Place of visit
06.04.2015		
06.04.2015	Dr. Winthrop Harewood, School of Veterinary	Instructional Livestock Farm
10.04.2015	Medicine Sciences, The University of the West	complex, Madhavaram
10.04.2015	Indies, Trinidad, West Indies	Madras Veterinary College,
27.04.2015	Katrin Van. V. Hoot Dutch, Farm Experience,	Chennai Pharmacovigilance Laboratory
27.01.2013	Netherlands	for Animal Feed and Food Safety,
	Tromorando	Chennai
07.05.2015	Dr. Getachew Gebru, President,	Instructional Livestock Farm
	Ethiopian Society of Animal Production	complex, Madhavaram
07.07.2015 -	VCI team comprising Dr.L.B.Sarkate, Registrar	Veterinary College and Research
09.07.2015	(Retired), MAFSU, Nagpur, Dr.P.Eswara Prasad,	Institute, Orathanadu
07.07.2013	Associate Dean, COVAS, Tirupati, and Dr.C.Latha,	institute, Orathanadu
	Professor and Head, Dept. of VPH, COVAS,	
	Mannuthy.	
10.07.2015	Mr. Marc Gillin, Director, Asia Pacific Country	Vaccine Research Centre
	Manager and Mr. Ashok Bhat, Asia Business	(Viral Vaccine), Chennai
10.05.01.5	Manager, Seppic Company, France	
10.07.2015	Prof.Md. AhasnulHoque, Dean, Faculty of	Madras Veterinary College,
	Veterinary Medicine, CVASU, Bangladesh	Chennai
15.07.2015	Dr. Viji Vijayan, Asst. Dean & Microbiologist	Zoonoses Research Laboratory,
	National University of Singapore	Chennai

31.07.2015	Dr.R.Ananda Kumar, IAS, Executive Director,	College of Food and Dairy
31.07.2013	Tamil Nadu Watershed Development Agency,	Technology, Koduvalli
	Chennai	
01.08.2015	Dr.S.R.Ramanan, Advisor, Director of Area	College of Food and Dairy
	Cyclone Warning Centre, IMD, RMD, Chennai	Technology, Koduvalli
13.08.2015	Thiru.T.K.M.Chinnaiya	Veterinary College and Research
	Honourable Minister for Animal Husbandry,	Institute, Tirunelveli
	Govt. of Tamil Nadu	
	Thiru M.Karunakaran, IAS, District Collector, Tirunelveli District	
	Thiru S.MuthuKaruppan, Member of Parliament,	
	Rajya Sabha	
14.08.2015	Dr. K.S. Mahesh, Asst. General Manager,	Veterinary University Training and
	NABARD, Madurai	Disease Diagnostic Centre, Madura
15.08.2015	Dr.Gurmeet Kaur Dhaliwal, Deputy Dean,	Instructional Livestock Farm
	University Veterinary Hospital, Faculty of	complex, Madhavaram
17.00.2015	Veterinary Medicine, University Putra Malaysia	Madaa Vatarin aa Callaa
17.08.2015	Dr.I.P.Dhakul, Dr.N.R.Devkoth Dr.S.K.Sah and Dr.B.Devkoth	Madras Veterinary College, Chennai
		Chemiai
19.08.2015	Agriculture and Forestry University, Nepal Dr.R.Nasa, Dr.S.K.Sah and Dr.Bhuminand	Post Graduate Research Institute in
	Devkota, Professors, Agriculture and Forestry	Animal Sciences, Kattupakkam
	University, Chitwan, Nepal	_
02.09.2015	Dr. Timothy James Leyland, Expert of the	Zoonoses Research Laboratory,
	BBSRC, UK	Chennai
05.09.2015	Dr. Tim Leyland, Department of International	Instructional Livestock Farm
	Development, UKAID, London, New Zealand	complex, Madhavaram
09.09.2015	Dr.MD.Mahbub Alam, Professor, Dept. of	Pharmacovigilance Laboratory
	Medicine, Bangladesh	for Animal Feed and Food Safety,
10.09.2015	Dr. Christin. C. Jost and impact scientist of ICRAF	Chennai Veterinary College and Research
10.07.2015	(World Agroforestry Centre), Nairobi, Kenya	Institute, Namakkal
30.09.2015	Dr.K.M.Pathak, Deputy Director General,	Post Graduate Research Institute in
20.07.2012	ICAR, New Delhi	Animal Sciences, Kattupakkam
14.10.2015	Shri.E.T.Simson, Superintendent of Police,	College of Food and Dairy
	Thiruvallur district	Technology, Koduvalli
01.11.2015	Th.R.Sudarshan, Joint commissioner (HR&CE)	Instructional Livestock Farm
	( (	complex, Madhavaram
02.11.2015	Dr. Gaya Prasad, Assistant Director General	Vaccine Research Centre (Viral
	(Animal Health), Indian Council of Agricultural	Vaccine), Chennai
	Research, New Delhi	//
	Dr. V. K Gupta, Project Co-ordinator, All India	
	Network Programme on bluetongue & Joint	
	Director, CADRAD, Indian Veterinary Research	
12.11.2015	Institute, Izatnagar Dr.Jerry R Malayer, Associate Dean for Research	Instructional Livestock Farm
12.11.2013	and Graduate Education	complex, Madhavaram
	Dr.Chris Ross, Associate Dean for Academic	complex, Madiavarani
	Affairs	
	Dr. Lionel J Dawson, Diplomate, American	
	College of Theriogenologists, Associate Professor,	
	Field Services, LA Production Medicine and	
01 12 2017	Theriogenlogy, West Indies	Translational December 1 DI 10
01.12.2015	Mr. T. Abraham I.A.S., Director of Animal	Translational Research Platform for
	Husbandry and Veterinary Services, Govt. of Tamil Nadu	Veterinary Biologicals, Chennai
13.12.2015	Dr.R.N.Chatterjee, Director, Project Directorate for	Poultry Disease Diagnosis and

05.01.2016	Dr.Michael Morris, European Veterinary Specialist	Madras Veterinary College,
	in Animal Reproduction (Ruminants) Lecturer in	Chennai
	Theriogenology, West Indies	
07.01.2016	Prof. Esho Hideki, Faculty of Economics	Instructional Livestock Farm
12.01.2016	HOSEI University, Tokyo	complex, Madhavaram
13.01.2016	Prof. Miche, Department of Food Safety & Food	Pharmacovigilance Laboratory
	Quality, Faculty of Bio-Science Engineering, Belgium	for Animal Feed and Food Safety, Chennai
		College of Food and Dairy
		Technology, Koduvalli
06.02.2016	Prof. (Dr) Suresh S. Honnappagol, Animal	Pharmacovigilance Laboratory
00.02.2010	Husbandry Commissioner, Department of Animal	for Animal Feed and Food Safety,
	Husbandry, Dairying and Fisheries, Govt. of India,	Chennai
	New Delhi	Translational Research Platform for
		Veterinary Biologicals, Chennai
19.02.2016	Dr.Neil Sagion, Royal school of Veterinary study,	Madras Veterinary College,
	University of Edinburgh	Chennai
04.03.2016	Tmt. Prema Mohan, Under Secretary, CPCSEA,	Instructional Livestock Farm
	Ministry of Environment and Climate Change,	complex, Madhavaram
	Govt. of India	
08.03.2016	Dr.Haja Kadarmideen, Leader of Animal Breeding,	College of Food and Dairy
	Genetics and System Biology Group, Director,	Technology, Koduvalli
	Danish Biochild Consortium, University of	
10.03.2016	Hopanhagen, Denmark. Dr. Ramesh Selvaraj, Associate Professor,	Veterinary College and Research
10.03.2010	The Ohio State University, USA	Institute, Orathanadu
10.02.2016		·
18.03.2016	Dr. Abdul Khader, Senior Entomologist,	Zoonoses Research Laboratory,
	Dept. of Public Health, GoTN	Chennai
22.03.2016	Dr.Hiroyuki Yamagishi, Director,	Madras Veterinary College,
	Japan Society of Clinical Study for Rabies, Japan	Chennai

Date of visit	Name of the Visitor	Place of visit
27.05.2016	Dr. H.Rahman, Deputy Director General, Indian Council of Agricultural Research, New Delhi	Translational Research Platform for Veterinary Biologicals, Madhavaram, Chennai
20.06.2016	Dr. Wayne Ganpat, Senior Lecturer and Head of Department, West Indies	Instructional Livestock Farm Complex, Madhavaram, Chennai
11.07.2016	Dr. Vivek Kapur and Dr. Jayarao Bhusan Pennsylvania University, USA	Translational Research Platform for Veterinary Biologicals, Madhavaram, Chennai
12.07.2016	Dr.Edward Wright, London, United Kingdom Dr.Niger Temperton, University of Kent, UK Dr.Janet Daly, University of Nottingham, UK	Madras Veterinary College, Chennai
19.07.2016	Thiru Gagandeep Singh Bedi, I.A.S., Principal Secretary, Animal Husbandry, Dairying and Fisheries Department, Govt. of Tamil Nadu Dr. N. Subbaiyan, I.A.S., District Collector, Thanjavur	Veterinary College and Research Institute, Orathanadu
02.08.2016	Thiru. K.Rajaraman, I.A.S, Principal Secretary and Director, Entrepreneurship Development Institute	Translational Research Platform for Veterinary Biologicals, Madhavaram, Chennai
02.08.2016	Dr.Pendupe Duestser, Loma Linda University, California USA	Instructional Livestock Farm Complex, Madhavaram, Chennai

09.08.2016	Dr. C. Cubbo and Dr. C. Cubbony	Laboratow, Animal Madiaina	
09.08.2016	Dr. G. Subha and Dr. S. Subhanu, King Institute of Preventive Medicine and Research,	Laboratory Animal Medicine, Madhavaram, Chennai	
	Guindy	iviauliavaralli, Cilellilai	
30.07.2016	Ms. Anuradha Prasad, Joint Secretary and	Madras Veterinary College,	
30.07.2010	Dr. K. K. Aravindan, Marketing Officer, Ministry	Chennai	
	of Food Processing Industries Government of India,	Chemiai	
	New Delhi		
29.08.2016	Dr.K.Alagusundaram, Deputy Director General	Madras Veterinary College,	
27.00.2010	(Agriculture Engineering), ICAR, New Delhi	Chennai	
	Dr.R.K.Gupta, Director, Central Institute of Post	Chemiai	
	Harvest Engineering and Technology, Ludhiana		
02.09.2016	Dr.S. Prabhakar, <b>District Collector, Erode</b>	Bargur Cattle Research Station,	
02.07.2010	Di.S. 1 Idonakai, District Concetoi, Libuc	Bargur, Erode	
26.00.2016	D. Till 1 d. D. C. V. V. C. LIGA	•	
26.09.2016	Dr. Thilaikoothan, Practising Veterinarian, USA	Translational Research Platform	
		for Veterinary Biologicals,	
25 10 2016		Madhavaram, Chennai	
25.10.2016	Dr. Manisha Khan and Dr. Kulpreet Bhui	Translational Research Platform	
	ITC Life Sciences & Technology Centre,	for Veterinary Biologicals,	
26.10.2016	Mangalore Dr.Giri Polavarapu, President and CEO, Genomix	Madhavaram, Chennai Vaccine Research Centre – Viral	
20.10.2010	* '		
	Biotech Inc, Atlanta, USA	Vaccine, Madhavaram, Chennai	
26.10.2016	Dr. Rob Etches, President & CEO,	Madras Veterinary College,	
	Crystal Biosciences, USA	Chennai	
07.11.2016	Dr. Bhushan Jayarao and Dr. Vivekapur,	Poultry Disease Diagnostic	
	Pensylvenia State University, USA	and Surveillance Laboratory,	
		Namakkal	
08.11.2016	Dr.Rahul Dhodapkar and Dr.Nonika Rajkumari,	Laboratory Animal Medicine,	
	Associate Professors	Madhavaram, Chennai	
	JIPMER, Pondicherry		
28.12.2016	Dr. R.K. Ravikumar, Scientist, National Innovation	Veterinary College and Research	
	Foundation, Gandhinagar, Gujarat	Institute, Namakkal	
30.12.2016	Mr. P.Balakrishna Reddy, Hon'ble Minister of	Veterinary University Training	
	Animal Husbandry, GoTN, Chennai	and Diagnostic Centre, Madurai	
	Mr. K. Veera Raghava Rao, District Collector,		
	Madurai		
10.01.2017	Dr. Yogesh Murkunde and Dr. B. Pramila,	Laboratory Animal Medicine,	
	Sri Ramachandra University, Chennai	Madhavaram, Chennai	
21.01.2017	Dr.K.Alagusundaram, Deputy Director General	Madras Veterinary College,	
21.01.2017	(Agriculture Engineering), Indian Council of	Chennai	
	Agricultural Research, New Delhi		
23.01.2017	Dr. Devender Hooda, Huve Pharma, Ahmedabad	Laboratory Animal Medicine,	
		Madhavaram, Chennai	
23.01.2017	Taom mambara Charaan Dalahand Earda (India)		
43.01.201/	Team members, Charoen Pokphand Foods (India)	College of Poultry Production	
	Private Company Limited, Thailand	and Management, Hosur	
25.01.2017	Dr. Kannan Ganapathy,	Poultry Disease Diagnostic and	
	University of Liverpool, UK	Surveillance, Namakkal	
31.01.2017	Dr. Pendope Puonton, Hughog Loma Linda	Madras Veterinary College,	
	University, California, USA	Chennai	
17.01.2017	Dr. N.Krishnakumar, I.F.S, Principal Chief	Madras Veterinary College,	
17.01.2017	Conservator of Forests, Department of Forests,	Chennai	
	Govt. of Tamil Nadu		
13.02.2017	Dr. Mike McGrew, The Roslin Institute, UK; Prof.	Translational Research Platform	
13.02.201/	Simon G. Best, Geron BIO-MED and Dr. Pravin	for Veterinary Biologicals,	
	Kini, Tropical Animal Genetics Pvt. Ltd., UK	Madhavaram, Chennai	
	Kim, Hopical Allillal Ochelles I VI. Liu., UK	iviaunavaram, Chemiai	

21.02.2017	Dr. Savithiri Sivakumar,	Laboratory Animal Medicine,	
	CEO, Aaranya Biosciences, Chennai	Madhavaram, Chennai	
26.02.2017	Dr. Lakew Wondimu Abachiri, Vice-President,	Madras Veterinary College,	
	Ambo University, Ethiopia	Chennai	
	Prof. Singanan, Presidency College, Chennai		
18.03.2017	Dr. D. Venugopal, Assistant Director, Marine	Instructional Livestock Farm	
	Products Export Development Authority, Cochin	Complex, Madhavaram, Chennai	

Date of visit	Name of the Visitor	Place of visit
07.04.2017	Thiru. Prashanth M. Wadnere District Collector, Tiruvannamalai	Veterinary University Training and Research Centre, Tiruvannamalai
23.05.2017	Ameer Khusro, Dubai (UAE)	Post Graduate Research Institute in Animal Sciences, Kattupakkam
22.06.2017	Dr.K.V.Nagaraja, Professor, University of Minnesota, U.S.A.	TANUVAS, Chennai
06.07.2017	Dr. Gaya Prasad, Vice-Chancellor, SVPUAT, Meerut and Dr. V.V.S. Surya Narayana, Principal Scientist, IVRI, Bangalore	Translational Research Platform for Veterinary Biologicals, Madhavaram, Chennai
20.07.2017	Dr.O.P.Chathurvedi, Director, Central Agroforestry Research Institute, Jhansi and Dr. A. K. Handa, Principal Scientist, AICRP on Agroforestry	Post Graduate Research Institute in Animal Sciences, Kattupakkam
21.07.2017	Dr. O.P. Chaturvedi, Director, ICAR – Central Agroforestry Research Institute, Jhansi	Livestock Farm Complex, Madhavaram, Chennai
21.07.2017	Noah D. Pavlisko, Asst. Professor, Virgina Tech, Virginia-Mary land Regional College of Veterinary Madison, Blacks burg, VA,USA	Post Graduate Research Institute in Animal Sciences, Kattupakkam
26.07. 2017	Dr. Kannan Ganapathy, Senior lecturer, University of Liverpool, UK	Poultry Disease Diagnostic Laboratory, Namakkal
29.08.2017	P.R.Sundaram, Honorable Member of Parliament	Krishi Vigyan Kendra, Namakkal
08.09.2017	Thiru. Udumalai K. Radhakrishnan, Hon'ble Minister for Animal Husbandry, Govt. of Tamil Nadu	Translational Research Platform for Veterinary Biologicals, Madhavaram, Chennai
04.10.2017	Fanny Mthuzi, Malawi, University Department, Programme, Secretariat.	Post Graduate Research Institute in Animal Sciences, Kattupakkam
27.10.2017	Shri P. Venugopal Member of Parliament, Tiruvallur constituency	College of Food and Dairy Technology, Koduveli
23.11.2017	Dr.T.Mourya, Director, NIV, Pune; Dr.S.B.Tatavarthy, Jt.Commissioner of A.H,Maharashtra, Pune and Dr.Sujata Mohanty, Professor and Head, Stem cell facility, AIIMS, New Delhi	Madras Veterinary College, Chennai
28.11.2017	Dr. B.N. Tripathi, and Dr. Sanjay Barua, NCVTC and Director, ICAR-National Research Centre on Equines, Hisar	Vaccine Research Centre-Viral Vaccine, Madhavram, Chennai
09.01.2018	Dr.Udaya Desilva, Associate Professor of Animal Molecular Genetics from Oklahoma State University	Madras Veterinary College, Chennai

08.02.2018	Dr. Kay van der Horst, Director, and Joseph A.	Translational Research Platform
	Bogan, Director, Global Health Surveillance and	for Veterinary Biologicals,
	Diagnostics, Penn State University, USA	Madhavaram, Chennai
27.02.2018	Dr.Marimuthu Consultant & BAIF Advisor, Pune,	Madras Veterinary College,
	FAO	Chennai
03.03.2018	Shri H.R.Khanna, Assistant Commissioner (AH),	TANUVAS, Chennai
	Department of Animal Husbandry, Dairying &	
	Fisheries, Ministry of Agriculture and farmers	
	Welfare, GoI, New Delhi	
03.03.2018	John Weave, John Woodfort and Catlin Holley,	Madras Veterinary College,
	OIE Team, Australia	Chennai
22.03.2018	Prof. Sharada Thapaliya, Ph.D.,	Livestock Farm Complex,
	Dean, Faculty of Animal Science Veterinary	Madhavaram, Chennai
	Science & Fisheries	

Date of visit	Name of the Visitor	Place of visit
18.04.2018	Professor Rebecca J. Traub, Director and Secretary, Tropical Council for Companion Animal Parasites, Melbourne Dr. Gad Baneth, Director, School of Veterinary Medicine, Hebrew University, Israel	Madras Veterinary College, Chennai
18.05.2018	Dr. Achenef Elaka Beyene, Gondar University, Ethiopia	Madras Veterinary College, Chennai
20.05.2018	Thiru Udumalai K. Radhakrishnan, Hon'ble Minister for Animal Husbandry, Government of Tamil Nadu and Hon'ble Pro-Chancellor, TANUVAS	Sheep Breeding Research Station, Sandynallah
21.05.2018	Thiru Udumalai K. Radhakrishnan, Hon'ble Minister for Animal Husbandry, Government of Tamil Nadu and Hon'ble Pro-Chancellor, TANUVAS Thiru Semmalai, Member of Legislative Assembly, Mettur Constituency	Mecheri Sheep Research Station, Pottaneri
19.06.2018	Dr. Christopher Ross, Dr. Jerry Malayer, Dr. Lionel Dawson, Dr. Ashish Ranjan, Oklahoma State University, USA	Madras Veterinary College, Chennai
20.07.2018		Post Graduate Research Institute in Animal Sciences, Kattupakkam
24.07.2018		Veterinary College and Research Institute, Tirunelveli
01.09.2018	Thiru Vismiju Viswanathan, IFS., District Forest Officer, Erode	Bargur Cattle Research Station, Bargur
03.09.2018	Dr. Winthrop Harewood, Head, Department of Clinical Veterinary Sciences, The University of West Indies, Trinidad,	Madras Veterinary College, Chennai
06.09.2018	Dr. K.L. Khurana, Principal Scientist, Education Division, Indian Council of Agricultural Research, New Delhi	Madras Veterinary College, Chennai
25.09.2018	Dr. James Yoo, Director, Wake forest Institute of Regenerative Medicine, USA	Madras Veterinary College, Chennai
06.06.2018	Dr. Elumalai Kannan, School of Social Sciences, Jawaharlal Nehru University, New Delhi	Veterinary College and Research Institute, Namakkal
20.07.2018	Dr. K. Gopal, IAS, Principal Secretary, Animal Husbandry, Dairying and Fisheries Department, Govt. of Tamil Nadu, Chennai	Kangayam Cattle Research Station, Baguthampalayam

20.12.2018	Thiru. Udumalai K. Radhakrishnan,	Madras Veterinary College,
	Hon'ble Minister for Animal Husbandry,	Chennai
	Government of Tamil Nadu and	
	Hon'ble Pro-Chancellor, TANUVAS	
03.01.2019	Dr. Koen. K. Van Rompay,	Veterinary College
	Virologist, California	and Research Institute,
		Orathanadu
20.02.2019	Thiru A.P. Sakthivel, Member Legislative Assembly, Salem	Mecheri Sheep Research
	South constituency	Station, Pottaneri

# International Collaboration/MOUs in Academic/Research in last five years

Year	Universities	Institutes
2014-15	University of Nottingham	
2015-16		Central Council for Research in Siddha, Govt.
		of India
2016-17	Chittagong Veterinary and Animal Sciences	
	University, Chittagong, Bangladesh	
	Washington State University, Washington, USA;	
	Oklahoma State University, Stillwater, USA	
2017-18		Central Institute of Brackishwater Aquaculture
		(CIBA), Chennai
		Remount Veterinary Services, New Delhi
		National Institute for Animal Nutrition and
		Physiology (NIANP), Bengaluru
		Agriculture Skill Council of India (ASCI),
		Haryana
		Indira Gandhi National Open University
		(IGNOU), Chennai
2018-19		Sri Ramachandra Institute of Higher Education
		and Research (SRIHER), Chennai
		GVK Emergency and Research Institute
		(GVK-EMRI), Secunderabad
		KJ Hospital, Chennai
		Government Stanley Hospital, Chennai
		BAIF – Development and Research
		Foundation, Pune

**6.6.2.9. National Ranking (ICAR/MHRD):** Mention about the rank of the University in last five years in the NIRF from ICAR/MHRD.

### National Institutional Ranking Framework - Ministry of Human Resource Development, GoI

### Tamil Nadu Veterinary & Animal Sciences University

Year of	Score	Ranking of University
Ranking		
2016	64.23	36
2017	42.48	38
2018	41.73	65
2019	40.88	70

# Ranking of Universities, Indian Council for Agriculture, GoI

# Tamil Nadu Veterinary & Animal Sciences University

Year of Ranking	Ranking of University
2017	10
2018	38
2019	22



### 6.6.3. Research Support

**6.6.3.1. Research Council:** Mention the present composition of the research council and provide the dates of meetings in last five year in tabular form.

The Research Council formulates policies on research activities of the University with the Vice-Chancellor as its chairman and Director of Research as Member Secretary. The Director of Animal Husbandry or his/her nominee, The Deans and Directors of the University, The Director of Fisheries or his/her nominee, Professor & Head of all Research Stations and Project Co-ordinators of State/ICAR/ Other agencies, research schemes, Three Professors in rotation every year from each of the college campus nominated by the Vice-Chancellor, Two Specialists of Eminence, Three Progressive Farmers, Representative of the sponsoring agencies by the invitation of the Vice-Chancellor.

The Research Council meets regularly to identify, prioritize and approve the research programmes. It also reviews the research activity of the University. The research council shall consider and make recommendations in respect of:

- Identifying thrust areas and formulation of research programmes and projects by the various university units in the field of animal and veterinary sciences with a view to promote effective cooperation.
- ❖ Infrastructure facilities required for implementing research projects.
- Linking teaching, research and extension activities
- Orienting research to meet farmers need.
- Analyze the reports of on-going / completed research projects submitted by the scientists concerned.
- Any other matter pertaining to Animal Husbandry / Veterinary Sciences Research which may be referred by State / BOM/ Vice-Chancellor or any other authorities of the University / Agencies.

### Dates of meeting of Research Council in last five years

Research Council meeting	Year	Date
24th	2015	5 <sup>th</sup> March
25th	2016	4 <sup>th</sup> March
26th	2017	
27th	2018	23 <sup>rd</sup> July
28th	2019	

**6.6.3.2. Directorate of Research:** Give brief information about the present establishment of the Directorate of Research, staff pattern, research coordination mechanism, research and seed production centers and contribution in academic programmes.

The University has a strong research base and the Directorate is involved in strategic planning of research endeavours, establishment of linkages with research organisations at National and International levels monitoring of research projects/schemes and research documentation. The research programmes are undertaken through the departments, research stations, farms and laboratories for the benefit of livestock and poultry farmers, entrepreneurs and society at large.

The **Research Council**, a policy making body on research activities of the university is involved in identifying thrust areas and formulation of research programmes and projects funded by National and International agencies linking teaching, research and extension activities and orienting research to meet the needs of farmers.

Research Project Approval Committee constituted at this Directorate scrutinizes all the projects submitted by the faculty members of TANUVAS before forwarding to the funding agencies after getting concurrence from the Vice-Chancellor

**Research Project Monitoring and Evaluation Cell** with the Director of Research as Chairman reviews the progress of the on-going externally funded schemes / schemes funded under TRCF once in six months and guide the Principal Investigators for the effective implementation of the project.

The Technology Release Committee chaired by the Vice-Chancellor and Director of Research as Member secretary screen and select technologies for release. So far, six technology release committee meetings have been organized and 54 technologies were approved.

The technologies developed at TANUVAS have been commercialized through National Research and Development Corporation (NRDC), a Government of India enterprise, New Delhi and Translational Research Platform for Veterinary Biologicals of TANUVAS..

"Product Development and Commercialization Cell" with Director of Research as Chairman scrutinizes the patent applications and commercialization of products developed at TANUVAS. TANUVAS has filed 27 patent applications and so far, TANUVAS has obtained patent for the following six products/technologies and copyright for one product.

The Directorate of Research maintains close liaison with various National and International organizations to exchange information about current and advanced knowledge in veterinary, animal and fisheries sciences for dissemination.

In this context, several Memorandum of Understanding / Memorandum of Agreement have been signed with many National and International organizations. To cite a few:

- 1. Chittagong Veterinary and Animal Sciences University, Bangladesh
- 2. Washington State University, Washington, USA
- 3. Oklahoma State University, Stillwater, USA
- 4. BAIF Development Research Foundation, Pune
- 5. Agricultural Skill council of India, Haryana
- 6. Tamil Nadu Agricultural University, Coimbatore

Currently this Directorate monitor 152 externally funded schemes to the tune of Rs.257.60 crores.

Every year, the annual report of TANUVAS is being prepared by this Directorate compiling the information related to education, research, clinical services and extension activities carried out by the constituent units and peripheral centres of the university and so far, thirty annual reports have been compiled and released.

In addition, this Directorate also actively involved along with line Departments to work out the research strategies of the State and Nation.

The academic research is mainly carried out through Postgraduate and doctoral programmes. The University is having an excellent team of well qualified faculty members for guiding the scholars in their research work.

The University is actively engaged in implementing sponsored research programmes and attracts external funding from various National and International agencies as below:

### State level funding agencies

- Government of Tamil Nadu
- State Planning Commission
- \* Tamil Nadu State Land Use Board
- \* Tamil Nadu State Council for Science and Technology, Chennai

- \* Tamil Nadu Livestock Development Agency
- ❖ Tamil Nadu Skill Development Corporation

### National level funding agencies

- Department of Animal Husbandry, Dairying and Fisheries, New Delhi (NADP, NPBB, NLM)
- ❖ Ministry of Food Processing Industries, New Delhi
- ❖ Indian Council of Agricultural Research, New Delhi
- ❖ Department of Biotechnology (DBT), New Delhi
- Department of Science and Technology (DST), New Delhi
- ❖ Indian Council of Medical Research (ICMR), New Delhi
- Ministry of AYUSH, New Delhi
- National Bureau of Animal Genetic Resources (NBAGR), Karnal
- ❖ All India Council for Technology Education (AICTE), New Delhi
- Ministry of Rural Development, Govt. of India, New Delhi
- National Bank for Agriculture and Rural Development (NABARD)
- National Wasteland Development Board, Govt. of India

### **International Agencies**

- Biotechnology and Biological Sciences Research Council (BBSRC), UK
- ❖ Bill and Melinda Gates Foundation ❖ Commonwealth of Learning, Canada
- ❖ SEPPIC, France
- ❖ International Atomic Energy Association (IAEA), Vienna, Austria

### Staff Position in Directorate of Research

Staff	Position
Director of Research	1
Asst. Professors	2
Administrative Officer	1
Superintendent	1
Steno-Typist	1
Typist	1
Assistants	2
Attendants	2

**6.6.3.3. Technology Developed and its Adoption:** Provide the list of approved technologies developed in last five years along with their adoption and coverage in the jurisdiction of the University

Year	Particulars (Innovations /technologies developed/outputs)	Status Completed/ under progress	Adoption and coverage
2014-15	IgM based enzyme-linked immunosorbent assay for serodiagnosis of Leptospirosis using novel recombinant multiepitopic antigen developed by the Translational Research Platform for Veterinary Biologicals, Chennai-51	Completed	
	ICAR- TANUVAS Mobile Poultry Processing Unit	Completed	
	Practice of Permanent Body Tattooing for identification in pigs	Completed	
	A multi epitope antigen based Leptospirosis diagnostic kit using by IgM ELISA developed by the Department of Animal Biotechnology, MVC, Chennai in collaboration with Anna University	Completed	M/s. Genomix Molecular Diagnostics Biotech Pvt. Ltd., Hyderabad for commercial production on 06.01.2015
	Three technologies namely Nano particle based ND vaccine; Collagen bead based delivery of ND vaccine; Bovine platelet Lysate developed by the Translational Research Platform for Veterinary Biologicals, Chennai	Completed	M/s.Hester Biosciences Ltd., Ahmedabad for commercial production by on 16.12.2015.
	Three technologies namely Photolyser, Portable Static Incubator and LAMP device developed by the Translational Research Platform for Veterinary Biologicals, Chennai	Completed	M/s. Endhiram Innovations LLP, Chennai
2015-16	TANUVAS Petfeast; TANUVAS Petfeast plus; Japanese quail tandoori; "Ready-to-cook" Japanese quail tandoori; "Ready-to-eat" Japanese quail tandoori; Chicken cutlet – A fortified value added product with pearl millet; Chicken soup – A fortified value added product with finger millet; Ethno veterinary medicine using Aloe vera gel and Dual type shed for goats and desifowls	Completed	
2016-17	Bru alert kit - Monoclonal based ELISA; TANUVAS Surgical Scrub kit, Nano Heal and Nano Dermal Cream; Mastiguard – Teat Protect and TANUVAS SCC count kit, Chicken meat balls and Functional chicken patties with millets	Completed	
	Bluetongue inactivated attenuated vaccine with seed virus for sheep developed by the VRC-VV	Completed	M/s. Brilliant Bio-Pharma Ltd., Hyderabad for commercial production on 24.01.2017

	TANKEN ACT		M/ D :11:
	TANUVAS live attenuated Goat pox vaccine	Completed	M/s. Brilliant
	developed by the Central University Laboratory,		Bio-Pharma
	TANUVAS, Chennai		Ltd., Hyderabad
			for commercial
			production
	Technology on Rapid Plate Agglutination Test for	Completed	M/s. Venkateshwara
	the detection of Antibody against <i>Mycoplasma</i>		Hatcheries pvt. Ltd.,
	gallisepticum using serum samples developed by		Pune for commercial
	the Central University Laboratory, Chennai		production on
	the contain emporary Europaucity, enominar		13.01.2016
	Three technologies namely Bovine ABT choice	Completed	M/s. Genomix
	kit, TB alert kit and EndoMetB developed by the	Completed	Molecular
	Translational Research Platform for Veterinary		Diagnostics Biotech
			_
	Biologicals, Chennai		Pvt. Ltd., Hyderabad
2015 10	N. HDECCI		on 13.01.2016
2017-18	Nano-IVMEC Shampoo; A1/A2 Detect; CPV	Completed	
2010 10	and Rabies antibody detection kit; Teat spray		
2018-19	An extraction method for detection of <i>Bacillus</i>	Completed	
	anthracis DNA by Triple marker multiplex		
	Polymerase chain reaction, a simple and cheaper		
	method for DNA extraction was developed at		
	Zoonoses Research Laboratory, Chennai		
	♦ Low Cost Somatic Cell Counting	Completed	
	Technique for Udder Health Care		
	♦ Low Cost Mobile Cow Lifter & Downer		
	Mobility Cart		
	♦ Livestock Disease Forecasting Software		
	♦ ECG markers for early detection of bovine		
	hypocalcemia		
	Developed at Department of Veterinary Clinical		
	Medicine, VC&RI, Orathanadu		
2018-19	Evans syndrome flow cytometry staining kit		
	for dog; ProBeads; Bovine Masti Cure Plus;		
	Nano-Herbal Methicone Lotion; Nano Sarcoid	TRPVB *	
	Cream; AMS Green Tea Beads for Coccidia and	ProBeads . EC	
	AMS Beads for Coccidia; Solar tick trap with	Company of the State of the Sta	
	pheromone impregnated vapour patch as bait;		
	Ghee residue Candy with orange peel, Milk		
	3 2 1		
	protein fortified fibre enriched noodles, Low		
	cost whey concentrate enriched Instant Powder		
	mix Protein, Ghee residue chocolate, Papaya		
2018-19	kalakhand, Choco bar		
4U10-19	A technology on "Solar tick trap with pheromone	· Commence of the commence of	
	impregnated vapour patch as bait" was	A CONTRACTOR OF THE PARTY OF TH	
	transferred for public utility through TRPVB,	The second second	
	TANUVAS on 31.03.2019		
		// 4	
		2.80 3	
		-	

Value added milk products like  ♣ Ghee residue Candy with orange peel  ♣ Milk protein fortified fibre enriched noodles  ♣ Low cost whey concentrate enriched Instant Powder mix Protein  ♣ Ghee residue chocolate  ♣ Papaya kalakhand  ♣ Choco bar Developed at the Department of Livestock Product Technology (Dairy Science), Madras Veterinary College, Chennai	
Technology on Development of Vitamin D fortified Ice cream was developed at Department of Livestock Products Technology, VC&RI, Orathanadu.	
<ul> <li>♦ Milk protein enriched noodles</li> <li>♦ Fibre enriched noodles</li> <li>♦ Omega 3 enriched designer chocolate</li> <li>♦ Millet ice cream</li> <li>♦ Fruit yoghurt</li> <li>Developed at College of Food and Dairy</li> <li>Technology, Koduveli</li> <li>Technology on Preparation of barbecued pork from low value head meat developed by the Department of Livestock Products Technology (Meat Science), Madras Veterinary College, Chennai.</li> </ul>	

S. No	Description	Product	Usage / Adoption
1.	Masti – Guard		
	1.Teat Protect	AA	State Veterinarians all over
		A A	Tamil Nadu, Private Diary
			Farms, KVK thorughout
			Tamil Nadu, Individual
			Farmers
	2.TANUCHEK SCC Kit	TANKSHI & CO KET	State Veterinarians all over
		TANUCHEI	Tamil Nadu, Private Diary
		Area place and to	Farms, KVK thorughout
			Tamil Nadu, Individual
			Farmers
2.	TANUVAS Scrub Kit	TANDUS TOTAL	Department of Clinics, MVC,
		SURGICAL SCRUD KIT	Private Clinics, Veterinary
	THE PARTY OF THE P	Tarring Tours	Surgeons
3.	Nano Heal	Nano Heals	Veterinary Clinics, Individual
			Pet Owners, KVK thorughout
			Tamil Nadu, Sripuram Temple
			Elephant and kancheepuram
			temple elephant

4	N D 10		
4.	Nano Dermal Cream	Busin Brown Grant  See American Grant  See American Grant  See American	Private Veterinary Clinics, Individual Pet Owners
5.	A1/A2 Detect Kit		Organized Farms, Individual Farmers
6.	Nano Egg Guard	Arm law Car	Venkateswara Hatchery, Private Poultry farms, Hatsun, IIT Startup company
7.	Nano Egg Guard Coated Tray		Namakkal Veterinary College, Farmers, Private Poultry Farms
8.	TANUVAS Keto Check	Account to the second s	State Veterinarians all over Tamil Nadu, Department of Clinics, MVC and private clinicians, etc.,
9.	Progesterone Nanopatch (ProSync – NF)	Secretary state of the	State Veterinarians all over Tamil Nadu, Private Diary Farms, KVK thorughout Tamil Nadu, Individual Farmers
10.	Prosync - NC	Processor - Karley Company of the Co	State Veterinarians all over Tamil Nadu, Private Diary Farms, KVK thorughout Tamil Nadu, Individual Farmers
11.	Nano-IVMEC Dog Shampoo	THE REPORT OF THE PARTY OF THE	Private Veterinary Clinics, Department of Clinics, MVC, Individual pet owners
12.	Bru Alert Kit	and start	IAVBH Bangalore, Cavin Care, State Veterinarians all over Tamil Nadu,Path Lab, Delhi
13.	Wild TB Alert Kit	Wild TB Alort Televisions Ab Pages Test OR	National Zoological Park, Bannerghatta bear rescue centre Wildlife SOS, Wild life Sanctuaries all over India

**6.6.3.4. Research Publication:** Provide the list of research articles (NAAS ranking 5.00 or more) published in National and International Journals (only based on the work conducted in the University). (Annexure enclosed)

**6.6.3.5. Innovation and Best Practices:** What are the innovative efforts of the University that help in its excellence in research?

This University has established the specialized research service laboratories to serve the livestock and poultry sector.

#### **Specialised Research Laboratories and facilities**

- \* Translational Research Platform for Veterinary Biologicals (TRPVB), Madhavaram
- Central University Laboratory (CUL), Madhavaram
- Poultry Disease Diagnostic and Surveillance Laboratory (PDDSL), Namakkal & Thalaivasal
- ❖ Vaccine Research Centres (Viral & Bacterial), Madhavaram
- Zoonoses Research Laboratory, Madhavaram
- ❖ Pharmacovigilance Laboratory for Animal Feed and Food Safety (PLAFFS), Madhavaram
- ❖ Animal Feed Analytical and Quality Assurance Laboratory (AFAQAL), Namakkal
- Institute of Animal Nutrition (IAN)
- ❖ Native Cattle Breed Research Centres Bargur, Kangayam, Pulikulam
- Ethno-Veterinary Herbal Research Centres
- Centre for Stem cell research and Regenerative medicine (first of its kind)
- ❖ Bio-Safety Level –III (BSL –III) laboratory with small animal experimentation facility
- University Innovation and Instrumentation Centre
- Veterinary Incubation Foundation

#### Translational Research Platform for Veterinary Biologicals (TRPVB)

A unique partnership initiative in the naïve field of translational research between the Department of Biotechnology (DBT), GoI and Tamil Nadu Veterinary and Animal Sciences University (TANUVAS), a premiere State Veterinary University. The vision of TRPVB-TANUVAS is "to foster 'Productization' in the field of Veterinary Biologicals by converging the presently distant academic research, industry and pathways of regulatory compliance". Its mission is to "translate veterinary vaccines, diagnostics and other biologicals for field application and harness their benefit to improve animal health and productivity thereby augmenting the economic status of farmers". TRPVB-TANUVAS has taken infant steps in bridging the translational disconnect between academia, industry and regulation in the last 5 years.

#### **Veterinary Incubation Centre**

Established at TANUVAS with funding support from the Tamil Nadu Manufacturing Business Incubation Infrastructure Development Project, Entrepreneurship Development & Innovation Institute of Tamil Nadu (EDII -TN), to leverage the infrastructure facilities and expertise of TRPVB and TANUVAS for the benefit of industry, students, entrepreneurs, start-up companies, individuals etc. The interested industry, students, entrepreneurs, start-up companies, individuals etc. can incubate here and would be given office space and in addition they would have access to products, services, infrastructural facilities.

#### Pharmacovigilance Laboratory for Animal Feed and Food Safety (PLAFFS)

A National Facility supported by DST and APEDA is functioning under the Directorate, Centre for Animal Health Studies (CAHS), Tamil Nadu Veterinary and Animal Sciences University (TANUVAS). It offers the facility of testing and reporting the levels of Mycotoxin, Drug residues, Pesticides and GMO's from various feeds, feed stuff and livestock farmers to prepare their products as per International Standards.

- "Establishment of Veterinary Forensic Sciences Laboratory" (Rs.154 Lakhs) have been sanctioned to TAN
- "Strengthening of diagnostic modalities in Teaching Veterinary Hospitals of Tamil Nadu" (Rs.325.50 Lakhs),

#### **Establishment of Innovation and Instrumentation Centre**

To fabricate farm equipments / devices for sustainable livestock farming (Rs.150.41 lakhs) TANUVAS under National Agriculture Development Programme (NADP) for the year 2016-17. The University Innovation and Instrumentation Centre with necessary infrastructure for the design and fabrication of farm equipment / devices has been established at Instructional Livestock Farm Complex, Madhavaram under NADP Scheme on "Establishment of Innovation and Instrumentation Centre to fabricate farm equipments/devices for sustainable livestock farming".

#### **Centre for Stem Cell Research**

The Centre for Stem Cell Research and Regenerative Medicine was instituted in the year 2013 under Rule 110 by the Hon'ble Chief Minister of Tamil Nadu Dr.J.Jayalalithaa with a budget outlay of Rs.648.45 lakh. A separate State of art building for the Centre for Stem Cell Research and Regenerative Medicine with cGMP facility consisting of ground and one floor with plinth area of 300 SqM each has been constructed in the Madras Veterinary College campus. The Centre has the necessary infrastructure to carry out Isolation and Characterization of Stem Cells suitable for translation to Clinics. The new building with state of art facility was inaugurated on August 4<sup>th</sup>, 2017.

#### **Special initiatives**

#### **Publication Drive Month**

Considering the importance of publishing research papers, TANUVAS is observing the "October" month as "TANUVAS Publication Drive Month". During 2014, 80 research papers were sent for publication in peer reviewed journals under the "TANUVAS Publication Drive Month" programme.

#### Innovative and best practices in research during last five years

- To motivate young faculty members, training programmes on "Developing Winning Research Proposal" through National Academy for Agricultural Research and Management, Hyderabad were organized. So far, 75 participants have been trained in three training programmes
- ❖ The first National Conference on Agricultural Scientific Tamil on the theme, "Tamil Can Do" was jointly organized by TANUVAS and Agricultural Scientific Tamil Society (ASTS), New Delhi at Madras Veterinary College on 13.06.2015 and 14.06.2015.
- ❖ A New hydroponic fodder unit was commissioned at University Research Farm, TANUVAS with a budget of Rs.28.85 lakhs under National Agricultural Development Programe scheme by the Vice-Chancellor, TANUVAS on 24.06.2015.
- A Memorandum of Understanding (MoU) was signed between TANUVAS and Charoen Pokphand Foods (India) Private Limited (CPFIPL) on 01.10.2015 to develop cooperative relationships on the basis of mutual understanding especially in developing skill development programmes (Quick development courses), facilitating students exchange and assistance in industrial placements for students of B. Tech (Poultry Production Technology) besides assisting students in entrepreneurial activities and facilitating the placement of students at CPFIPL
- To provide round the clock 24 x 7 hours veterinary emergency care to cattle and livestock in distantly located villages, a project on "Animal Mobile Medical Ambulance for rural veterinary health care in Tamil Nadu" has been sanctioned to TANUVAS at a cost of Rs. 6.34 crores under

- National Agricultural Development Programme. This facility will be the first of its kind in the Country.
- ❖ The State Planning Commission has sanctioned the following three schemes under State Balanced Growth Fund to TANUVAS during 2015-16:
- Augmenting fertility and reproductive potential in buffaloes through oestrous synchronization using low cost and indigenously developed progesterone implant at Veppanapalli and Kelamangalam blocks of Krishnagiri District (Rs.26.49 Lakhs)
- ❖ Augmenting fertility and reproductive potential in buffaloes through oestrous synchronization using low cost and indigenously developed progesterone implant at Pallacode and Pennagaram blocks of Dharmapuri district (Rs.18.49 lakhs)
- \* Empowerment of tribal women by developing desi chicken enterprise in Salem District of Tamil Nadu (Rs.37.53 lakhs)

S.No.	Name of the project &Funding agency	Budget in lakhs
1.	Establishment of Kanni and Kodi Adu Goat Units at VC&RI, Tirunelveli for production	40.08
	and distribution of superior germ plasm for the upliftment of farming community	
2.	Bioplastic production by using slaughter house waste	29.41
3.	Technology enhanced Learning in Agricultural Education (TELAgE)ICAR, New Delhi	41.00
4.	Animal Biotechnology Career Enhancement Programme (ABCEP)	126.34
	DBT, GOI, New Delhi	
5.	All India Network Programme on Diagnostic Imaging and Management of Surgical	313.00
	Conditions in Animals, ICAR, New Delhi	
6.	Establishment of Animal Feed Analytical and Quality Assurance Laboratory at	115.00
	VC&RI, Orathanadu, DAHD&F, MOA, GOI, New Delhi	
7.	Establishment of modernized piggery breeding farm at Orathanadu	65.00
8.	Conservation of Bargur cattle, NBAGR, Karnal	58.00
9.	Establishment of Veterinary University Disease Diagnostic Laboratory at	185.06
	Tirunelveli. GoTN	
10.	Establishment of fodder production units in Meikkal Poramboke lands in Villupuram	694.80
	and Vellore districts,GoTN	
11.	Nanotechnology facility to augment farm animal production and health, NADP	120.00

S.No.	Name of the project	Funding agency	Budget in lakhs
1.	Establishment of <i>in situ</i> conservation centre for	Govt. of India under National	516.50
	Bargur Cattle	Programme for	
2.	Establishment of National facility for molecular screening of cattle for inherited disorders and parentage verification	Bovine Breeding	3.80
3.	Establishment of Regional Artificial Insemination	Govt. of India under National	100.00
	Training Centre at VC&RI, Orathanadu and Artificial	Programme for Bovine Breeding	
	Insemination Training Centres at VC&RI, Namakkal;	(Multi purpose Artificial	
	VC&RI, Tirunelveli and Veterinary University	Insemination Technician for Rural	
	Peripheral Hospital, Madhavaram	India)	
4.	Skill training in non-farming based activities in	Tamil Nadu Skill Development	86.95
	Livestock and Poultry industries	Corporation	
5.	Animal Mobile Medical Ambulance for Rural	Govt. of India	633.96
	Veterinary Care in Tamil Nadu	(NADP)	
6.	Empowering of tribal women by developing desi	State Planning Commission,	37.53
	chicken enterprise	Chennai	

Sl. No.	Title of the scheme	Name of the PI	Funding Agency	Budget (Rs. in lakhs)
1.	Diffusion of novel food technologies for generations of health India	D. Baskaran	DST	275.60
2.	Improving the livelihood security of farmers through technological interventions in Tiruvallur District of Tamil Nadu	N.K. Sudeep Kumar	ICAR	95.54
3.	Creation of Seed hub centre for Indigenous production of Quality seeds for pulses	K.Velmurugan	Directorate of Oilseeds Development	150.00
4.	Establishment of Veterinary Forensic Sciences Laboratory	G.Sarathchandra	Govt. of India	77.00
5.	Establishment of Innovation and Instrumentation Centre to fabricate farm equipment/devices for sustainable livestock farming	P.Tensingh Gnanaraj	Govt. of India	75.20
6.	Establishment of Ethno Veterinary Herbal Product Research and Development Centre"		TANII, State Government	1373.00
7.	Strengthening of diagnostic modalities in Teaching Veterinary Hospitals of Tamil Nadu	S.Balasubramanian	Govt. of India	162.75

Sl. No.	Title of the scheme	Name of the PI	Funding Agency	Budget (Rs. in lakhs)
1	Establishment of Kangayam Cattle Research Station at Erode District	S. Jayachandran	NADP	250.00
2	Establishment of genetic resource centre for conservation of indigenous cattle breed of Tamil Nadu - Pulikulam	S. Sivaseelan	NADP	200.00
3	Additional Funding For the Ongoing Animal Mobile Medical Ambulance For Rural Veterinary Care In Tamil Nadu	S. Balasubramanian	NADP	50.00
4.	Establishment of Carcass Utilization Plant	V. Appa Rao	NLM-GoI	200.00
5.	Field performance recording programme in Pulikulam cattle	V. Jeichitra	TNLDA under NPBB	39.22
6.	Field performance recording programme in Bargur cattle	R.Arumugam	TNLDA under NPBB	14.27
7.	Technological empowerment of tribal farmers through adoption of TANUVAS technologies in Tamil Nadu	J. John Kirubaharan	ICAR	116.04
8.	Translational Research Platform for Veterinary Biologicals – Phase II- DBT – TANUVAS Canine Research Centre & Networks	G. Dhinakar Raj	DBT	1077.47
9.	One health approach for animal and public health to augment food safety and productivity	G. Ravikumar	TANII	545.00
10.	Accelerating bovine tuberculosis control in developing countries-India (Ab <sup>TB</sup> CD)	K. Kumanan	Bill and Melinda Gates Foundation, USA	190.43

Sl. No.	Title of the scheme	Name of the PI	Funding Agency	Budget (Rs. in lakhs)
1.	Institutional development plan of TANUVAS	J. John Kirubaharan	ICAR, New Delhi	2798.66
2.	Establishment of livestock and poultry feed technology centre at Veterinary College and Research Institute, Tirunelveli	M. Chellapandian	NADP/RKVY	150.00
3.	Establishment of Alambadi cattle breed research centre at Dharmapuri district	R. Richard Churchil	NADP/RKVY	151.10
4.	Nutritional supplemental strategy	C. Valli	TNIAM Project, Chepauk	200.00
5.	Establishment of Alambadi cattle breed research centre at Dharmapuri district	Director, CAPS	Govt. of Tamil Nadu	400.00
6.	Establishment of Centre for monitoring, surveillance and control of livestock and poultry diseases at Madhavaram, Chennai	Prof. and Head, Central University Laboratory	Govt. of Tamil Nadu	306.00
7.	Construction of Additional Buildings infrastructure at VC&RI, Orathanadu and VC&RI, Tirunelveli	Deans of VC&RI, Orathanadu and VC&RI, Tirunelveli	Govt. of Tamil Nadu	2800.00
8.	Establishment of low cost hydroponic fodder production device in landless / small farmer households for sustainable livestock farming in drought affected districts of Tamil Nadu	S. Meenakshi Sundaram	Govt. of Tamil Nadu	74.48
9.	Veterinary Incubation Foundation @ TANUVAS	Director, CAHS	Entrepreneurship Development Innovation Institute, Chennai	235.00
10.	Establishment of embryo production centre for conservation of indigenous cow breeds of Tamil Nadu	M.Selvaraju	NMBP	251.00
11.	Establishment of Krishi Vigyan Kendra at Villupuram	Director of Extension Education	ICAR, New Delhi	155.90
12.	Bovine tuberculosis control : Mycobacterial diseases in animals network (MyDAN) Programme	K.Kumanan	DBT, New Delhi	848.24
13.	Improving the livelihood security of farmers through technological interventions has been implemented in six villages of Tiruvallur district in Tamil Nadu under the "Farmer FIRST programme"		ICAR, New Delhi	95.34
14	A Tribal Sub Plan Project on "Technological empowerment of tribal farmers through adoption of TANUVAS technologies in Tamil Nadu" to improve the socio-economic status of tribal farmers has been implemented in five districts of Tamil Nadu		ICAR, New Delhi	116.04
15.	Establishment of "Animal Bio safety Level – III - Laboratory with small animal experimentation facility" at TANUVAS Head Quarters, Chennai. This laboratory is the first of its kind in South India, through which Avian Influenza and FMD can be diagnosed and confirmed by laboratory tests		TANII programme, the Government of Tamil Nadu	1276.00

#### **New Breeds Registered**

TANUVAS undertook identification, evaluation and characterization of indigenous sheep and goats and submitted the details to ICAR – NBAGR, Karnal which resulted in registration of Chevvadu sheep and Kodiadu goat as breeds in 2016-17 and Salem Black as goat breed in 2017-18 by the Breed Registration Committee, ICAR - NBGAR, Karnal and Breed Registration Certificates were issued to TANUVAS. The accession number of the above three breeds are as follows:

- ❖ Kodiadu goat (INDIA GOAT 1800 KODIADU 06026)
- ❖ Salem Black Goat (INDIA GOAT 1800 SALEMBLACK 06027)
- Chevvadu sheep (INDIA\_SHEEP\_1800\_CHEVAADU\_14041)
- ❖ Bargur buffalo (INDIA\_BUFFALO\_1800\_BARGUR\_01015)

#### **Accomplishments and Honours**

- ❖ The Bargur Cattle Research Station, functioning at Bargur under TANUVAS was conferred with the prestigious National Kamadhenu Award (First prize), South Zone, for maintaining the best indigenous cattle herd by Institution, for the year 2017-18 by the Department of Animal Husbandry, Dairying and Fisheries, Ministry of Agriculture and Farmers Welfare, Government of India on 01.06.2018.
- The TRPVB, a joint venture of TANUVAS and DBT has been awarded Current Good Manufacturing Practices (cGMP) certification for manufacturing unit under the Schedule-M during 2018

**6.6.3.6. IPR Cell/ ITMU:** Whether the University is currently having functional Intellectual Property Right Cell in place. Mention the date of the meetings conducted by the Cell in last three years and what were the major recommendations. Is the University having Institute Technology Management Unit in place. Mention the date of the meetings conducted by the Unit in last three years and what were the major recommendations.

**"Product Development and Commercialization Cell"** with Director of Research as Chairman scrutinizes the patent applications and commercialization of products developed at TANUVAS. TANUVAS has filed 27 patent applications and so far, TANUVAS has obtained patent for the following six products/ technologies and copyright for one product.

Year	Particulars of patents filed	Status
2014-15	Biodiesel production from rendered chicken oil fat	Published
	Pro-biotic formulation for Dog Oral Health (ORO- CUTE)	Published
	Development of anti-microbial paper egg trays using airless spray surface	Published
	coating approach based with antimicrobial hybrid mixture	
	(NANO EGG GUARD)	
2015-16	An improved Electrical stunner for stunning animals before slaughter	Published
2016-17	-	-
2017-18	TANUVAS Grand Supplement	Published
	Multiplex PCR primers for detection of fowl oncogenic viruses	Published
	ABT mini encapsulator	Published
	Genotype specific cell culture vaccine for Newcastle disease	Published
	A novel transport design for animal Ambulance with hydraulic life to shift sick	Published
	recumbent animals	
2018-19	A mechanical width adjustable dual integration arm device for hoisting the	Published
	injured animal	
	A device and method for the soilless cultivation of the fodder	Published
	A Hammer with pre determined tattooing pins for impregnating the information	Published
	of the animal	
	A Chute device for enclosing the injured cattle during diagnosis	Published
	A Portable apparatus for the storage and supply of liquid food to lambs/kids of	Published
	multiple sizes	

Sl. No.	Particulars of Patent granted	Year	Patent No.
1.	Polymerase Chain reaction (PCR) primers for detection of Whitespot	2016	275441
	syndrome virus (WSSV) in Shrimp		
2.	Development of primers for detection of hepatopancreatic parvovirus	2018	300445
	(HPV) in shrimp by Polymerase chain reaction (PCR)		
3.	An Improved Egg Candler	2019	305814
4.	An Improved Bird cage		316308
5.	RYZ cream		319676
6.	Information Retrieval Package	2019	Copyright obtained

Sl.	Name of the product	Scientists	Patent Application No.
No.			
1.	ORO- CUTE	G. Sunitha	452/CHE/2014
		G. Dhinakar Raj	
	"Pro-biotic formulation for Dog Oral Health"	N.Deepan Rajkumar	
		M.Latha Mala Priyadharshini	
		Chitra Karupanan	
		M. Raman	
2.	NANO EGG	K. Viswanathan	E-2/3168/2014-CHE
	GUARD	M.Latha Mala Priyadharshini	
	A Nano particle based anti-microbial paper egg tray	G. Dhinakar Raj	
3.	A novel Probiotic Formulation as Alternate therapy	V. S. Vadivoo	4946/CHE/2014
	for bovine endometritis	G. Dhinakar Raj	
		S.Balasubramanian	
		K. Kumanan	
		A. Palanisammi	
		S. Rangasamy	

Sl. No.	Name of the product / Technology	Scientists and the Department	Patent Application No.
1.	Genotype specific cell culture	K.Kumanan	201741037860
	vaccine for Newcastle diseases	K.Vijayarani and	
		A.Uthrakumar	
		Department of Animal Biotechnology,	
		MVC, Chennai	
2.	ABT Mini Encapsulator V500	M.Parthiban	201741033247
		Divya K Manjari T.S.Saravanan and	
		R.Karunakaran	
		Department of Animal Biotechnology,	
		MVC, Chennai	
3.	Multiplex PCR primers for	M.Parthiban	201741038989
	detection of fowl oncogenic viruses	G.Sathish	
		K.Vijayarani and K.Kumanan	
		Department of Animal Biotechnology,	
		MVC, Chennai	
4.	A novel transport design for animal	S.Thilagar, R.Jayaprakash,	201741043254
	Ambulance with hydraulic life to	S.Balasubramanian and Cecilia Joseph	
	shift sick recumbent animals	Directorate of Clinics, MVC Chennai	
5.	TANUVAS Grand Supplement	V.Balakrishnan and R.Murugeswari	Docket No.19714
		Department of Animal Nutrition, MVC	
6.	New Generation Milk protein	D.Baskaran and V. Divya	Docket No.24737
	enriched noodle fabrication	College of Food and Dairy Technology,	
	(NewGenMPE noddle)	Koduveli	
7.	Nutraceutical chocolate fortified	D.Baskaran and S. Poorni	Docket No.25161
	with omega 3 fatty acid derived	College of Food and Dairy Technology,	
	from Chia seed variants	Koduveli	

Sl. No.	Name of the product / Technology	Scientists and the Department	Patent Application No.
1.	New Generation Milk Protein enriched	Baskaran D. and V. Divya	TEMP/E-
1.	Noodle Fabrication (NewGenMPE	Baskaran D. and V. Divya	1/12599/2018-CHE
	Noodle)		1/12399/2016-СПЕ
2.	Pulsed Electric Field Chamber for	Sujatha G. and D.Baskaran	TEMP/E-
۷.	Liquid Food Processing – A Prototype	Sujatila G. and D.Baskaran	1/13332/2018-CHE
3.	Least calorific and low fat Pearl Millet	Gnanalaksshmi K.S., D.Baskaran	TEMP/E-
J.	ice-cream fortified with antioxidants	and K.Prasanna	1/14347/2018-CHE
	derived from Musk melon and Jack	and IX.I Iusumu	1/1131//2010 CHE
	fruits		
4.	Neutraceutical Chocolate fortified with	Baskaran D. and S.Poorni	TEMP/E-
	omega 3 fatty acid derived from chia		1/12980/2018-CHE
	seed variants		
5.	A mechanical width adjustable dual	P. Tensingh Gnanaraj	201841013183
	integration arm device for hoisting the	T.Geetha and	
	injured animal	T.Muthuramalingam	
6.	A device and method for the soilless	P. Tensingh Gnanaraj	201841013185
	cultivation of the fodder	T.Geetha and	
		T.Muthuramalingam	
7.	A Hammer with pre determined	P. Tensingh Gnanaraj	201841013187
	tattooing pins for impregnating the	T.Geetha	
	information of the animal	T.Muthuramalingam and	
		S.Rangasamy	
8.	A Chute device for enclosing the injured	P. Tensingh Gnanaraj	201841031027
	cattle during diagnosis	A.Shanmuga Sundaram,	
		S.Ezhilvalavan and	
		K.Rajkumar	
9.	A Portable apparatus for the storage and	A.Shanmuga Sundaram,	201841044984
	supply of liquid food to lambs/kids of	P. Tensingh Gnanaraj	
	multiple sizes	S.Ezhilvalavan and	
		E.Rachel Jemimah	

**6.6.3.7. Central Instrumentation Unit:** Is there a Central Instrumentation Unit in place? What are the facilities available in the unit?

An area of 1500 sq ft made ready to use as laboratory with eleven cubicles of various sizes to install the sophisticated equipments with air-conditioning facility. The equipments listed were purchased and installed for the use of various research scholars /Post Graduate students/ Faculty members for their research use. The total cost of the equipments purchased so far is Rs.2.50 crores. For the infrastructural facilities like establishing cubicles and air-conditioning, an expenditure of Rs.14 lakhs was incurred. The laboratory functions to achieve the following

- To provide laboratory resources for the use of post graduate students and scientists of this institution as well as from various other institutions (with nominal cost) under one roof for quality, cost effective and uninterrupted research.
- ❖ To make centrally available resources for research activities.
- Purchase of need based equipments

#### Various equipments available in this laboratory include

- \* Refrigerated Centrifuge
- ❖ Freezer –80° C
- Lyophiliser/Freeze Dryer
- Gradient PCR Machine
- Ultrapure Water Purification Systems
- Nanodrop/Spectrophotometer
- Gradient PCR machine
- Nanodrop/Spectrophotometer
- Transmission Electron Microscope
- Bio Safety Cabinet
- Photographic Trinocular Microscope (upright) (Phase contrast/Fluorescent)
- Photographic Trinocular Microscop (Inverted)
- Binocular Microscope
- Spinwin Microcentrifuge
- Magnetic Stirrer
- Microplate Spectrophotometer
- ❖ Hot Air Oven
- ❖ BOD Incubator
- Incubator (mini)
- ❖ Autoclave (SS)
- ❖ Autoclave (mini)
- Monopan Analytical Balance
- Egg Candle Box
- Centrifuge (Remi) (12 tubes)
- Centrifuge (Remi)- Table Top (4 tubes)
- Vortex Mixer
- Rocking Platform
- Photo Electric Colorimeter
- Refrigerator
- Serological Water Bath (Large)
- Serological Water Bath (Large)
- Sonifier
- Hot Plate
- Orbital Shaker
- Cyclomixer

Standard Operating Procedures for the above equipments have been made available for the staff and students.

**6.6.3.8 Global Support:** Global Support may assist Universities to organize and undertake activities outside of the Regions by providing a centralized location for administrative resources and a single point of contact for addressing related questions. Does the University maintains functional experts in a range of administrative areas to provide technical advice and guidance in the areas of exchange programmes, visa related issues, International MoUs, collaborative research etc.?

The Directorate of Research maintains close liaison with various National and International organizations to exchange information about current and advanced knowledge in veterinary, animal and fisheries sciences for dissemination.

In this context, several Memorandum of Understanding / Memorandum of Agreement have been signed with many National and International organizations. To cite a few:

- Chittagong Veterinary and Animal Sciences University, Bangladesh
- \* Washington State University, Washington, USA
- Oklahoma State University, Stillwater, USA
- ❖ BAIF Development Research Foundation, Pune
- ❖ Agricultural Skill council of India, Haryana
- Tamil Nadu Agricultural University, Coimbatore
- Central Council for Research in Siddha, Govt. ofIndia
- Central Institute of Brackishwater Aquaculture (CIBA), Chennai
- Remount Veterinary Services, New Delhi
- National Institute for Animal Nutrition and Physiology (NIANP), Bengaluru
- ❖ Agriculture Skill Council of India (ASCI), Haryana
- ❖ Indira Gandhi National Open University (IGNOU), Chennai
- Sri Ramachandra Institute of Higher Education and Research (SRIHER), Chennai
- GVK Emergency and Research Institute (GVK-EMRI), Secunderabad
- \* KJ Hospital, Chennai
- Government Stanley Hospital, Chennai
- ❖ BAIF Development and Research Foundation, Pune

#### Memorandum of Understanding with International organizations in last five years

2014-2015	Molecular epidemiology of ticks and tick borne disease, host resistance and development of novel pathogen vaccines at MVC, Chennai	DBT- BBSRC	109.93
	Molecular epidemiology of ticks and tick borne disease, host resistance and development of novel pathogen vaccines at VC&RI, Namakkal		84.51
	Collaboration on diagnosis of emerging viruses (CoDEV)		26.81
	Studies on the safety and efficacy of poultry vaccines (combined vaccines against Newcastle Disease and Avian infectious bronchitis)	SEPPIC, France	4.91
2017-18	Targeted parasitic control in livestock for small tropical farmers	Queens University, Belfast	3.60
	Accelerating bovine tuberculosis control in developing countries-India (Ab <sup>TB</sup> CD)	Bill and Melinda Gates Foundation, USA	190.43
	Effect of supplementing IntelliBond trace minerals (Cu, Zn & Mn) on egg quality and performance of layers	Nutreco, The Netherlands	16.62
	Understanding the emergence of variant infectious bronchitis virus in chickens in UK and India: shared control strategies	BBSRC, UK	28.0

- ❖ An International Workshop on "Avian Influenza:Monitoring, Surveillance and Biosecurity" was jointly organized by the Department of Animal Husbandry, Dairying and Fisheries (DAHDF), Government of India; TANUVAS and United States Department of Agriculture (USDA) along with Southern Regional Disease Diagnostic Laboratory (SRDDL), B engaluru at MVC from 04.09.2017 to 08.09.2017. A total of 35 participants from all over the country and abroad attended the workshop.
- ❖ The FELESA accredited Laboratory Animal Medicine Unit, Centre for Animal Health Studies organized a Certificate Course in Laboratory Animal Sciences with an objective to impart ethical, scientific and legal handling and management of laboratory animals, for the overall improvement of research and science in India at MVC from 13.09.2017 to 23.09.2017
- A two day International Clinical Workshop on "Advances in Clinical Practices of Large and Small Animals" for field veterinarians was organized by the clinical departments of VC&RI, Namakkal on 22.06.2017 and 23.06.2017. A total of 29 field veterinarians from Muscat, Oman, Uttar Pradesh, Gujarat, Karnataka, Telangana, Andhra Pradesh, Kerala and Tamil Nadu participated.
- Clinical Internship Training Programme for the students of Chittagong Veterinary and Animal Sciences University, Bangladesh was offered from 22.04.2017 to 22.05.2017. A total of 62 students attended the programme in various units of Teaching Veterinary Clinical Complexes and the Departments at MVC and VC&RI, Namakkal

#### Exchange of faculty (Sabbatical, Visiting scientist, Adjunct faculty) during 2018

#### **Visiting scientist**

Sl.	Name and address of the	Date of visit	Place of visit	Purpose of the visit
No.	visitor			
1	Dr. Rebecca Traub, Director	18.04.2018-	Madras	Official
	and Secretary,	19.04.2018	Veterinary	
	Tropical council for		College campus	
	Companion animal parasites			
	(TroCCAP)			
2	Dr. Gad Baneth, Director	18.04.2018-	Madras	Official
	School of Veterinary Medicine,	19.04.2018	Veterinary	
	Hebrew University, Israel		College campus	
3	Dr. Christopher Ross, Dr. Jerry	19.06.2018	Madras	Official
	Malayer, Dr. Lionel Dawson,		Veterinary	
	Dr. Ashish Ranjan,		College campus	
	Oklahoma State University,			
	USA			
4	Dr. Winthrop Harewood, HoD,	03.09.2018	Model Dairy	Official
	Clinical Veterinary		Plant	
	Sciences, Trinidad,		Dept. of LPT	
	The University of West Indies		(Dairy Science)	
5	Dr. K.L. Khurana,	6.9.2018	Dept of VCM,	CAFT inspection
	Principal Scientist,		MVC, Chennai	
	Education Division,			
	ICAR, PUSA,			
	NewDelhi – 12.			
6	Dr James Yoo,	25.09.2018	Stem Cell lab	TANUVAS WFIRM
	Director,		and Veterinary	collaboration
	Wake forest Institute of		Surgery	
	Regenerative Medicine, USA			

## Details of Inter institutional collaborative projects in the last five years

Year	Collaborating Institute	Purpose	Total outlay (Rs.in lacs)	Status (Completed/ under progress)
2014-15	-		,	1 8 /
2015-16	-			
2016-17	NIANP, Bengaluru	Selective isolation of sex specific spermatozoa in Bovine using novel biomarkers identified through an integrated proteomic and genomic approach	45.79	In progress
2017-18	Anna University	Development of indigenous cartridges for hemodialysis	9.18	In progress
	ICAR-IARI, New Delhi and ICAR- IVRI, Izatnagar	National knowledge management centre for Agricultural Education and Research	66.92	In progress
	Captain Srinivasa murti Regional Ayurveda Drug Development Institute, Chennai	In-vitro and invivo nephroprotective evaluation of AYUSH-K1 extract	9.65	In progress
	AAU, Guwahati	Genetic characterization of antibiotic resistance in Clostridium perfringens and Clostridium difficile and their public health significance	35.93	In progress
	IIS, Bengaluru and NDRI, Karnal	Genomic and proteomics approaches to develop specific diagnostic assay for detection of estrus/silent estrus in buffaloes	99.77	In progress
	AAU, Guwahati	Development of DIVA diagnostics and marker vaccine against Duck Plague virus	24.87	In progress
	College of Veterinary Science, Khanapara, Guwahati and West Bengal University of Animal and Fishery Sciences, Kolkata	An integrated approach to explore and exploit the innate and adaptive immune response in indigenous duck breeds of North eastern and South India	20.47	In progress
	Anna University	Developing portable instrumentation for the existing technologies available at TANUVAS for detection of post-partum disease conditions in Bovines	38.10	In progress
2018-19	TNAU, Coimbatore	Establishment of Biotech kisan hub	22.40	In progress

## Details of Industry Institutional Linkages in the last five years

Year	Collaborating Industry	Purpose	Total outlay (Rs. in lacs)	Status (Completed/
	That stry		(IXS. III lacs)	under progress)
2014-15	M/s. VWF Industries Pvt. Ltd., Mysore	Influence of structured water on the performance of broilers	2.20	Completed
	M/s. Boehringer Ingelheim Pvt. Ltd, Mumbai	Isolation and molecular characterization of <i>Avibacterium</i> paragallinarum in Poultry	3.64	Completed
	M/s. Boehringer Ingelheim Pvt. Ltd, Mumbai	Isolation and pathological characterization of <i>Gallibacterium anatis</i> in Poultry	3.00	Completed
	M/s. Mahindra Consulting Engineers Ltd.,	Empowerment of recovered persons of mental illness through dairy farming activity in Madurai District	2.93	Completed
	M/s. Indian Immunologicals Ltd., Hyderabad	Efficacy and safety study of recombinant porcine cysticercosis vaccine (TSOL 18 Vaccine) in Pigs	8.69	Completed
2015-16	-			
2016-17	M/s. Saraswathy Foundations	Study on growth performance of desi chicken fed with non conventional feed stuffs-Oats waste and Moong Dal	1.00	Completed
	Sihil Pharma, Chennai	Prevalence of Bovine trichomoniosis in India using Inpouch TF Media	7.43	Completed

# Details of Overseas Linkages in the last five years

Year	Name of the overseas linkage	Purpose	Total outlay (Rs.in lacs)	Status (Completed/ under progress)
			(IXS.III IaCS)	under progress)
2014-15	Seppic, France	Research	4.91	Completed
2015-16	-	-	-	-
2016-17	-	-	-	-
2017-18	BBSRC, UK	Research	28.00	On-going
	Queens University, Belfast	Research	3.60	On-going
	Bill and Melinda Gates	Research	190.43	On-going
	Foundation, USA			
	Nutreco, The Netherlands	Research	16.62	On-going
2018-19	Seppic France	Research	3.94	On-going

# RESEARCH PROJECTS IN OPERATION (2014-15)

Sl. No.	Funding Agencies	No. of Projects	Budget (`in lakhs)
1	Indian Council of Agricultural Research, New Delhi (Funding: 100% - 24 projects and 75% - 5 projects)	29	2055.21
2	Department of Biotechnology, New Delhi	21	3037.74
3	Department of Science and Technology, New Delhi	18	624.18
4	Agricultural and Processed Food Products Export Development Authority, New Delhi	1	436.23
5	Department of Animal Husbandry, Dairying and Fisheries, GOI, New Delhi	3	425.00
6	Ministry of Food Processing Industries, New Delhi	3	356.90
7	Ministry of Agriculture, New Delhi	9	258.74
8	National Bureau of Animal Genetic Resources, Karnal	1	58.50
9	National Bank for Agricultural and Rural Development, Mumbai	5	18.32
10	Tamil Nadu Government Agencies	20	1205.62
11	Government of Tamil Nadu under Part II	4	241.49
12	National Agricultural Development Programme	4	504.35
13	Other Agencies M/s. Orchid Research Laboratories Ltd., Chennai Yasham Bio-sciences Pvt Ltd, Mumbai Ayurvet Ltd, Katha Village, Himachal Pradesh (3) M/s. VWF Industries Pvt. Ltd., Mysore M/s. Zero Waste Agro Organics Ltd., Pune M/s. SAVAVET, Sava Health Care Limited, Pune M/s. Kemin Industries South Asia Pvt. Ltd., Chennai M/s. Boehringer Ingelheim Pvt. Ltd, Mumbai (2) M/s. Himalaya Drug Company, Mekali, Bangalore M/s. Mahindra Consulting Engineers Ltd., Madurai M/s. Indian Immunologicals Ltd., Hyderabad M/s. Phyto Specialities Pvt. Ltd., Chennai	15	59.73
14	International Agencies BBSRC, UK (4) British Council of India, UK SEPPIC, FRANCE UKIERI, India / UK M/s Evonik (SEA) Private Ltd, Singapore	8	272.01
	Grand Total	141	9282.01

# **Research Schemes in last five years**

## **Research Schemes sanctioned (2014-15)**

Sl. No.	Title of the scheme	Funding Agency	Budget (`in lakhs)
1	Sustainable tribal livelihood through scientific backyard desi chicken rearing in Kolli Hoills		53.40
2	Technology enhanced Learning in Agricultural Education (TELAgE)	ICAR, New Delhi	41.00
3	All India Network Programme on Diagnostic Imaging and Management of Surgical Conditions in Animals		313.00
4	Isolation and Characterization of in vitro generated Mesenchymal stem cells from ovine umbilical cord tissue wharton's jelly for therapeutic use		22.68
5	Animal Biotechnology Career Enhancement Programme (ABCEP)		126.34
6	Development of a novel production technology to enhance the scalability and affordability of the peste des petits ruminants (PPR) vaccine	DBT, GOI,	56.00
7	Development of recombinant antigen based diagnostics and chimeric plant virus like particle based vaccine for Infectious bursal disease virus	New Delhi	19.27
8	Controlling enteric pathogen of poultry: host / microbiota interactions, risk assessment and effective management interventions		54.10
9	A novel protection system for delivery of immunomodulatory probiotic bacteria in chicken		40.32
10	Development of multiplex PCR for differential diagnosis of respiratory immunosuppressive disease complex in poultry		23.29
11	Sustaining the livelihood of rural weaker sections through innovative scientific dairy farming technologies of Vellore and Cuddalore districts in Tamil Nadu	DST, GOI, New Delhi	24.23
12	Fund for improvement of S &T infrastructure in universities and higher educational institutions (FIST) level I		45.00
13	Establishment of Animal Feed Analytical and Quality Assurance Laboratory at VC&RI, Orathanadu	DAHD&F, MOA, GOI, New Delhi	115.00
14	Farmers Field School at VUTRC, Karur		0.30
15	Establishment of modernized piggery breeding farm at Orathanadu		65.00
16	Establishment of feed testing laboratory at Orathanadu		28.00
17	Establishment of feed testing laboratory at Tirunelveli		28.00
18	Conservation of Bargur cattle	NBAGR, Karnal	58.50
19	Crohn's disease in India: A multicentre study from a country where Intestinal Tuberculosis as well as Johne's disease is endemic	Indian Council of Medical Research (ICMR), New Delhi	17.85
20	Novel techniques and Farm Gate Tests for udder health and maximization of milk yield	TNSCST, Chennai	0.50
21	Conservation of native dog breeds of Tamil Nadu by preservation of frozen semen and artificial insemination	,	4.30

22	Fodder cultivation technologies with specific reference to farm mechanization, micro irrigation and grassland management	Directorate of Animal Husbandry and Veterinary Services, GoTN	16.53
23	Efficacy of oral pellet vaccine for New Castle disease among desi bird farmers of Tirunelveli district		1.00
24	Development of cost effective Hydroponic fodder production device for sustainable fodder production	ATMA	2.98
25	Assessment of different integrated farming system components suitable for wetland ecosystem of Kancheepuram District		1.00
26	Establishment of Veterinary University Disease Diagnostic Laboratory at Tirunelveli	GoTN	185.06
27	Establishment of fodder production units in Meikkal Poramboke lands in Villupuram and Vellore districts		694.80
28	Economic Impact of integrated farming system in selected farmers holdings of Villupuram district	State Planning Commission, Chennai	4.79
29	Nanotechnology facility to augment farm animal production and health		120.00
30	Water conserving hydroponic green forage production for livestock farming	NADP	28.85
31	Establishing Regional feed processing and demonstration unit		184.00
32	Regional Dairy Entrepreneurs Training Facility (RDEF)	]	171.50
33	Effect of herbal amino acid (Methiorep) supplementation on the productive performance of hybrid layer chicken	Ayurvet Ltd,	6.47
34	Comparative efficacy evaluation of Herbal liver tonic (Superliv.conc.premix) on growth performance, nutrient utilization & carcass traits in broilers	Katha Village, Himachal Pradesh	2.06
35	Influence of structured water on the performance of broilers	M/s. VWF Industries Pvt. Ltd., Mysore	2.20
36	Performance of commercial broilers treated with herbal probiotics as a spray and or as a feed supplement	M/s. Zero Waste Agro Organics Ltd., Pune	5.83
37	Evaluation of efficacy of Fipronil (S) and Methoprene Spot on formulation against ticks and fleas in naturally infested Dogs	M/s. SAVAVET, Sava Health Care Limited, Pune	0.94
38	Studies on supplementation of protease, multienzymes and lysophospholipids on growth performance of broilers	M/s. Kemin Industries South Asia Pvt. Ltd., Chennai	5.02
39	Isolation and molecular characterization of <i>Avibacterium</i> paragallinarum in Poultry	M/s. Boehringer	3.64
40	Isolation and pathological characterization of <i>Gallibacterium</i> anatis in Poultry	Ingelheim Pvt. Ltd, Mumbai	3.00

	Total		2815.57
48	Studies on the safety and efficacy of poultry vaccines (combined vaccines against Newcastle Disease and Avian infectious bronchitis)	SEPPIC, France	4.91
47	Collaboration on diagnosis of emerging viruses (CoDEV)		26.81
46	Molecular epidemiology of ticks and tick borne disease, host resistance and development of novel pathogen vaccines at VC&RI, Namakkal	DBT- BBSRC	84.51
45	Molecular epidemiology of ticks and tick borne disease, host resistance and development of novel pathogen vaccines at MVC, Chennai		109.93
44	Clinical trial on their efficacy of Thrombup (containing extracts of <i>Carica papaya</i> leaf and <i>Tinospora cordifolia</i> ) in dogs with thrombocytopenia	M/s. Phyto Specialities Pvt. Ltd	0.65
43	Efficacy and safety study of recombinant porcine cysticercosis vaccine (TSOL 18 Vaccine) in Pigs	M/s. Indian Immunologicals Ltd., Hyderabad	8.69
42	Empowerment of recovered persons of mental illness through dairy farming activity in Madurai District	M/s. Mahindra Consulting Engineers Ltd.,	2.93
41	Comparative efficacy study of Geriforte Vet powder and Geriforte Vet liquid with Levamisol in commercial broilers	M/s. Himalaya Drug Compnay, Mekali, Bangalore	1.39

### **PART II Schemes**

Sl. No.	Name of the scheme	Amount (`in lakhs)
1.	Establishment of Kanni and Kodi Adu Goat Units at VC&RI, Tirunelveli	40.08
	for production and distribution of superior germ plasm for the upliftment of	
	farming community	
2.	Bioplastic production by using slaughter house waste	29.41
	TOTAL	69.49

# RESEARCH SCHEMES IN OPERATION (2015-16)

Sl. No.	Funding Agencies	No. of Projects	Budget (`in lakhs)
1	Indian Council of Agricultural Research, New Delhi	32	2029.20
	(Funding: 100% - 27 projects and 75% - 5 projects)		
2	Department of Biotechnology, New Delhi	29	3567.46
3	Department of Science and Technology, New Delhi	17	532.99
4	Department of Animal Husbandry, Dairying and Fisheries,	10	749.70
	Government of India, New Delhi (National Livestock Mission;		
	National Programme for Bovine Breeding etc.)		
5	Ministry of Agriculture, New Delhi	3	134.92
6	National Agricultural Development Programme	6	1294.61
7	Ministry of Food Processing Industries, New Delhi	4	409.81
8	Ministry of AYUSH, New Delhi	2	91.62

9	National Bureau of Animal Genetic Resources, Karnal	1	58.50
10	National Bank for Agricultural and Rural Development, Mumbai	6	14.63
11	Government of Tamil Nadu		
	Part II and TANII	9	2787.30
	State Planning Commission	12	244.89
	Other Tamil Nadu Government Agencies / Departments	8	117.86
12	National Biodiversity Authority, Chennai	1	5.25
14	Other Agencies	14	54.81
	Yasham Bio-sciences Pvt Ltd, Mumbai		
	M/s. Boehringer Ingelheim Pvt. Ltd, Mumbai (2)		
	Ayurvet Ltd, Katha Village, Himachal Pradesh (4)		
	M/s. Indian Immunologicals Ltd., Hyderabad		
	M/s. Mahindra Consulting Engineers Ltd., Madurai		
	M/s. SAVAVET, Sava Health Care Limited, Pune		
	M/s. Phyto Specialities Pvt. Ltd., Chennai		
	M/s. Kemin Industries South Asia Pvt. Ltd., Chennai		
	M/s. Himalaya Drug Company, Mekali, Bangalore		
	SEVA, Madurai		
15	International Agencies	8	194.69
	BBSRC, UK (4)		
	British Council of India, UK		
	SEPPIC, FRANCE		
	UKIERI, India / UK		
	M/s Evonik (SEA) Private Ltd, Singapore		
	Grand Total	162	12288.24

## RESEARCH SCHEMES SANCTIONED 2015-16

Sl. No.	Title of the scheme	Funding Agency	Budget (Rs. in lakhs)
1.	Strategies for the development of a novel monoclonal antibody based diagnostic kit for early detection of animal leptospirosis	ICAR, New Delhi	30.00
2.	Gender knowledge system in Agriculture		5.80
3.	Immunoinformatics and cloning of vaccine candidate epitopes of Mycobacterium avium sub sp. Paratuberculosis		29.78
4.	Adaptation and Mitigation strategies in poultry to thermal stress through nutritional and environmental manipulations		8.50
5.	Understanding the immune mechanism of host disease and development of marker vaccines and DIVA test for Peste des Petits ruminants	DBT, GOI, New Delhi	66.51
6.	Development of oral pellet fowl cholera vaccine		24.22
7.	External validation of diagnostic assays for detection of anti brucella antibodies developed under the DBT network project on Brucellosis		33.70
8.	Evaluation of virus like particle vaccine against a fatal viral disease of dogs in target species		35.75
9.	A novel protection system for delivery of Immunomodulatory probiotic bacteria in chicken		40.32
10.	Pig husbandry based integrated approach for empowerment of SC/ST rural women of Kolli Hills of Tamil Nadu		36.10

11.	Multiplex PCR for detection of infectious agents associated with egg shell apex abnormalities in layer chicken	DST, GOI, New Delhi	5.50
12.	Poultry Meat Production, Processing and Value-addition to science and technology persons		3.00
13.	Technology empowerment of small holding livestock procedure of scheduled caste communities in Katpadi and Vellore blocks of Vellore district in Tamil Nadu		38.25
14.	Therapeutic efficacy of Rasaganthi Mezhugu (RGM) in 7-12 dimethyl Benzanthracene (DMBA) induced mammary tumors in rats	Ministry of AYUSH	28.20
15.	Validation of the Pharmacological efficacy of Nandhi Mezhugu, pretreatment with Kummati Mezhugu in Preclinical models of ovulation and its application in veterinary medicine for ovulatory disorders in cattle		63.42
16.	Capacity building in technology based Turkey and Desi fowl farming to augment more profit	NABARD	1.92
17.	Augmenting milk production in dairy cattle by "TANUVAS Grand supplementation" in Tiruneveli District		3.77
18.	Enumeration of Vembur sheep in its breeding tract	SEVA, Madurai	0.40
19.	Augmenting fertility and reproductive potential in buffaloes through estrus synchronization using low cost and indigenously developed progesterone implant at Veppanapalli and Kelamangalam blocks of Krishnagiri District	State Planning Commission, Chennai	26.49
20.	Empowering of tribal women by developing desi chicken enterprise		37.53
21.	Augmenting fertility and reproductive potential in buffaloes through estrus synchronizaton using low cost and indegeneously developed progresterone implant at Pallacode and Pennagaram blocks of Dharmapuri District		18.49
22.	Evaluation of Bovine digesta from slaughter house waste as organic fertilizer and for bioremediation of pesticide and tannery effluent polluted soil		10.80
23.	Soil-foods-livestock interface to augment productivity (Phase I & II)		16.00
24.	Evaluation of state plan scheme - Ensuring economic upliftment of rural women through buffalo rearing	TNLDA	3.01
25.	Establishment of in situ conservation centre for Bargur Cattle	Govt. of India	516.50
26.	Establishment of National facility for molecular screening of cattle for inherited disorders and parentage verification	under National Programme for Bovine Breeding	3.80
27.	Establishment of Regional Artificial Insemination Training Centre at VC&RI, Orathanadu and Artificial Insemination Training Centres at VC&RI, Namakkal; VC&RI, Tirunelveli and Veterinary University Peripheral Hospital, Madhavaram	Govt. of India under National Programme for Bovine Breeding (Multi purpose Artificial Insemination Technician for Rural India)	100.00
28.	Skill training in non-farming based activities in Livestock and Poultry industries	Tamil Nadu Skill Development Corporation	86.95
29.	Preparation of Coffee table book on Animal Genetic Resources of Tamil Nadu	National Biodiversity Authority	5.25
30.	Animal Mobile Medical Ambulance for Rural Veterinary Care in Tamil Nadu	Govt. of India (NADP)	633.96

31.	An analysis of Species-wise Animal Disaster Management in India	World Animal	2.07
		Protection India,	
		New Delhi	
32.	Early nutrition (Chikimune) and natural growth promoter on the	Ayurvet Ltd,	1.37
	performance and immunity in commercial broiler chicken	Katha Village,	
		Himachal Pradesh	
33	Efficacy and safety study of recombinant porcine cysticercosis vaccine	M/s. Indian	8.69
	(TSOL 18 Vaccine) in Pigs	Immunologicals	
		Ltd., Hyderabad	
	Total		1926.05

## **RESEARCH SCHEMES IN OPERATION (2016-17)**

Sl. No.	Funding Agencies	No. of Projects	Budget (Rs. in lakhs)
1	Indian Council of Agricultural Research (ICAR), New Delhi (100% funding - 30 projects and 75% funding - 5 projects)	35	1905.23
2	Department of Biotechnology (DBT), New Delhi	31	3689.25
3	Department of Science and Technology (DST), New Delhi	21	877.15
4	Department of Animal Husbandry, Dairying and Fisheries, Government of India, New Delhi (National Livestock Mission; National Programme for Bovine Breeding and National Agricultural Development Programme)	17	2357.61
5	National Bureau of Animal Genetic Resources (NBAGR), Karnal	1	58.5
6	National Bank for Agricultural and Rural Development (NABARD), Mumbai	10	38.45
7	Government of Tamil Nadu (TANII, State Planning Commission, TNLDA and Other Tamil Nadu Government Agencies / Departments)	12	3887.04
8	Other Private Agencies M/s. Boehringer Ingelheim Pvt. Ltd, Mumbai (2) Ayurvet Ltd, Katha Village, Himachal Pradesh (4) M/s. Indian Immunologicals Ltd., Hyderabad M/s.Saraswathy Foundations Ltd., Thoothukudi M/s. Mahindra Consulting Engineers Ltd., Madurai M/s. SAVAVET, Sava Health Care Limited, Pune M/s. Phyto Specialities Pvt. Ltd., Chennai M/s. Kemin Industries South Asia Pvt. Ltd., Chennai M/s. Himalaya Drug Company, Mekali, Bangalore M/s. Sihil Pharma, Chennai M/s. Hatsun Agro Production Ltd., Karapakkam, Chennai	15	51.68
9	International Agencies BBSRC, UK (2) IAEA, Austria SEPPIC, France UKIERI, India / UK M/s Evonik (SEA) Private Ltd, Singapore	6	155.56
	Grand Total	148	13020.47

# RESEARCH SCHEMES SANCTIONED (2016-17)

Sl. No.	Title of the scheme	Name of the PI	Funding Agency	Budget (Rs. in lakhs)
1	Understanding the epidemiology of <i>Culicoides</i> borne diseases (CBDs) in wild and domestic ruminants	Y.Krishnamohana Reddy	ICAR	1.50
2	Improving the livelihood security of farmers through technological interventions in Tiruvallur District of Tamil Nadu	N.K. Sudeep Kumar	ICAR	95.54
3	Establishment of climate resilient Integrated farming system	S. Sendur kumaran	ICAR	3.00
4.	Tribal Livelihood through scientific livestock and poutlry farming in Kollihills of Namakkal district of Tamil Nadu	D. Kannan	ICAR	26.60
5.	Development of rapid multianalyte diagnostic assay using antimicrobial peptides based nanoparticle for detection of food borne pathogens	S. Rathnapraba	DBT	27.73
6.	Identification of Virulence factors associated with <i>Theileria annulata</i> infection in Indian cattle	P. Azhahianambi	DBT	28.47
7.	Hybrid magnetic nanoparticle aptamer bio sensor for on-farm early pregnancy diagnosis in cattle	K.G. Tirumurugaan	DBT	43.36
8.	Development, testing and evaluation of whole and recombinant antigen based ELISA for monitoring the health of laboratory animals Phase-II	R.P. Arvindh Babu	DBT	52.45
9.	Evaluation of NKT cell based glycolipid adjuvants with rabies vaccines to improve immunogenicity and long-term protection	K.G. Tirumurugaan	ICMR	7.23
10.	Validation of the safety and therapeutic efficacy of <i>Poorana chandirodayam</i> in Dimethylhydrazine dihydrochloride induced colon cancer in rats	S. Preetha	AYUSH	65.29
11.	Cognitive deficits in canines, their impact on olfactory detection and cognitive optimization for sniffer dogs	P. Selvaraj	DST	45.76
12.	Diffusion of novel food technologies for generations of health India	D. Baskaran	DST	275.60
13.	Development of oral parvo virus vaccine combined with probiotic as spray	R.Mahaprabhu	DST	39.22
14.	Production of health promoting eggs from backyard poultry in Namakkal district	M.Moorthy	DST	13.13
15.	Popularisation of target selective anthelmintic technique among the sheep farmers in Tirunelveli District	A.Serma Saravana Pandian	NABARD	5.98
16.	Technological interventions to improve productivity in sheep	P.Balachandran	NABARD	9.67
17.	Development of mobile based technology transfer application system to empower the small ruminant farmers in Tirunelveli district	S.Senthil Kumar	NABARD	5.80

18.	Assessment of Anthelmintic incorporated mineral block for sheep and goat production in backward blocks of Madurai district	V.Palanichamy	NABARD	2.28
19.	Low cost engineering and processing technologies for value addition of milk	D.Baskaran	All India Council for Technical Education	3.91
20.	Creation of Seed hub centre for Indigenous production of Quality seeds for pulses	K.Velmurugan	Directorate of Oilseeds Development	150.00
21.	Establishment of Veterinary Forensic Sciences Laboratory	G.Sarathchandra	Govt. of India	77.00
22.	Establishment of Innovation and Instrumentation Centre to fabricate farm equipment/devices for sustainable livestock farming	P.Tensingh Gnanaraj	Govt. of India	75.20
23.	Strengthening of diagnostic modalities in Teaching Veterinary Hospitals of Tamil Nadu	S.Balasubramanian	Govt. of India	162.75
24.	Monitoring the performance of private AI workers trained through TNLDA	P.Selvam	TNLDA	2.84
25.	Oestrus synchronization to improve fertility and productivity in cows and buffaloes of Tamil Nadu	A.Vijayarajan	TNLDA	20.00
26.	Efficacy evaluation of nutritional supplements to dairy herd in relevance to milk production	A.Yasotha	M/s. Ayurvet India Ltd.	0.85
27.	Efficacy of commercial products in optimizing milk production in crossbred dairy cows during summer stress	T.Sivakumar	M/s. Ayurvet India Ltd.	0.67
28.	Study on growth performance of desi chicken fed with non conventional feed stuffs-Oats waste and Moong Dal	P.Tensingh Gnanaraj	M/s. Saraswathy Foundations	1.00
29.	Validation studies on the efficacy of KemTRACE® Broiler and different organic trace minerals on the performance of commercial broilers	N.Arulnathan	Kemin Industries South Asia Pvt. Ltd.	4.00
30.	Prevalence of Bovine trichomoniosis in India using Inpouch TF Media	M.Raman	M/s. Sihil Pharma	7.43
31.	Evaluation of VARAM (a growth promoter) on the production performance of broiler chicken	D.Kannan	M/s. Hatsun Agro Product Ltd.	6.35
	Total			1260.61

## **RESEARCH SCHEMES IN OPERATION (2017-18)**

Sl. No.	Funding Agencies	No. of Projects	Budget (Rs. in lakhs)
1	Indian Council of Agricultural Research (ICAR), New Delhi (100% funding - 30 projects and 75% funding - 5 projects)	35	2100.28
2	Department of Biotechnology (DBT), New Delhi	23	2123.06
3	Department of Science and Technology (DST), New Delhi	30	3500.22
4	Department of Animal Husbandry, Dairying and Fisheries, Government of India, New Delhi (National Livestock Mission; National Programme for Bovine Breeding and National Agricultural Development Programme)	20	3114.86
5	National Bureau of Animal Genetic Resources (NBAGR), Karnal	1	58.5
6	National Bank for Agricultural and Rural Development (NABARD), Mumbai	9	2006.72
7	Directorate of Oil seeds Development, Hyderabad	1	150.00
8.	Indian Council of Medical Research, New Delhi	1	17.85
9.	Ministry of AYUSH, New Delhi	2	91.62
10.	Ministry of Food Processing Industries, New Delhi	4	360.45
11.	Government of Tamil Nadu (TANII, State Planning Commission, TNLDA and Other Tamil Nadu Government Agencies / Departments)	18	3254.81
12.	Other Private Agencies M/s. Jubilent Life Sciences Ltd., Noida AVT Natural Products Ltd., Kerala M/s. Sihil Pharma, Chennai M/s. Saraswathi Foundations, Thoothukudi	5	21.37
13.	International Agencies  BBSRC, UK  Queens University, Belfast  SEPPIC, France  Bill and Melinda Gates Foundation, USA  M/s Evonik (SEA) Private Ltd, Singapore  Nutreco, The Netherlands	8	480.86
	Grand Total	157	17280.60

### RESEARCH SCHEMES SANCTIONED (2017-18)

Sl. No.	Title of the scheme	Name of the PI	Funding Agency	Budget (Rs. in lakhs)
1	Establishment of Kangayam Cattle Research Station at Erode District	S. Jayachandran	NADP	250.00
2	Establishment of genetic resource centre for conservation of indigenous cattle breed of Tamil Nadu - Pulikulam	S. Sivaseelan	NADP	200.00
3	Additional Funding For the Ongoing Animal Mobile Medical Ambulance For Rural Veterinary Care In Tamil Nadu	S. Balasubramanian	NADP	50.00
4.	Establishment of Carcass Utilization Plant	V. Appa Rao	NLM-GoI	200.00
5.	Field performance recording programme in Pulikulam cattle	V. Jeichitra	TNLDA under NPBB	39.22
6.	Field performance recording programme in Bargur cattle	R.Arumugam	TNLDA under NPBB	14.27

7.	Technological empowerment of tribal farmers through adoption of TANUVAS technologies in Tamil Nadu	J. John Kirubaharan	ICAR	116.04
8.	Selective isolation of sex specific spermatozoa in Bovine using novel biomarkers identified through an integrated proteomic and genomic approach	K.G. Tirumurugaan	DBT	45.79
9.	Translational Research Platform for Veterinary Biologicals – Phase II	G. Dhinakar Raj	DBT	1077.47
	DBT – TANUVAS Canine Research Centre & Networks			
10.	Development of canine distemper virus like particles and evaluating its potential for use as vaccine candidate	S. Balasubramanian	DBT	676.04
11.	Development and validation of Point-of- care diagnostic assay for canine filarias : a neglected but important infection with zoonotic potential	G. Dhinakar Raj	DBT	
12.	Mass sterilization of dogs using single intravasal injection of functionalized polymers	M. Raman	DBT	
13.	Evaluation of the efficacy of the contraceptive vaccines based on E-coli-expressed recombinant canine and porcine zona pellucida proteins to inhibit fertility in female dogs	P. Sridevi	DBT	
14.	Diagnosis of immune mediated diseases, lymphoma and canine parasitic diseases and establishment of Platelet banks for therapy	M. Raman	DBT	
15.	Developing recombinase polymerase assay based diagnostics for detection of pathogenic leptospires	G. Dhinakar Raj	DBT	
16.	Screening of B and T cell lymphoma in canine and cost effective chemotherapeutic regimen	K. Senthil Kumar	DBT	
17.	Canine Parvo virus 2b vaccine candidate - evaluation towards regulatory compliances	M. Chandrasekar	DBT	
18.	Development of point of care diagnostic typing modalities for major blood groups and therapeutic canine blood components for critically ill dogs	G. Dhinakar Raj	DBT	
19.	Development and evaluation of a recombinant canine distemper virus vector using reverse genetics technology for use as a multivalent vaccine delivery system for dogs	G.R. Barnidharan	DBT	
20.	Development of lateral flow immune- chromatographic test as a point-of-care diagnostic test for <i>Babesia gibsoni</i> and <i>E-canis</i> infection in dogs	R.P. Arvindh Babu	DBT	
21.	Project Monitoring Unit	P. Azhahianambi	DBT	
22.	Validation of molecular diagnostics and vaccine for classical swine fever	K. Kumanan	DBT	34.96
23.	Creation of Seed hub centre for Indigenous production of Quality seeds for pulses	K. Velmurugan	Directorate of Oilseeds Development, GOI, Hyderabad	150.00
24.	Development and standardization of a novel DIVA (marker) vaccine against Newcastle disease to augment production from poultry	J. John Kirubaharan	TANII	166.50

25.	One health approach for animal and public health to augment food safety and productivity	G. Ravikumar	TANII	545.00
26.	Bioelectricity and biohydrogen production by using slaughter house waste rumen fluid	S. Meignanalakshmi	TANII	19.80
27.	Genetic evaluation of draught animal power of Umblachery breed in Cauvery Delta zone	K. Jagadeesan	TNSCST	13.01
28.	Status of nitrate content in animal forages and water and early warning system to combat nitrate toxicity in dairy cattle	C. Kathirvelan	TNSCST	4.05
29.	Sustainable livelihood for desi bird farmers through technological interventions in Tiruchirapalli district	P. Mathialagan	NABARD	10.00
30.	Construction of Academic Blocks at College of Food and Dairy Technology	D. Baskaran	NABARD	1400.00
31.	Construction of Large Animal IP (in patient) and purchase of equipments for strengthening the referral hospitals of TANUVAS to address rural veterinary care in Tamil Nadu	S. Balasubramanian	NABARD	576.50
32.	Understanding the emergence of variant infectious bronchitis virus in chickens in UK and India: shared control strategies	V. Gowthaman	BBSRC, UK	28.00
33.	Targeted parasitic control in livestock for small tropical farmers	M. Raman	Queens University, Belfast	3.60
34.	Accelerating bovine tuberculosis control in developing countries-India (Ab <sup>TB</sup> CD)	K. Kumanan	Bill and Melinda Gates Foundation, USA	190.43
35.	Effect of supplementing IntelliBond trace minerals (Cu, Zn & Mn) on egg quality and performance of layers	P. Vasan	Nutreco, The Netherlands	16.62
36.	Validation studies on the efficacy of JubiDOL on the metabolic energy sparing effect with different commercial oils and fats added to the broiler feed and production performance of commercial broilers	G. Srinivasan	Jubilent Life Sciences Ltd., Noida	3.63
37.	Efficacy evaluation of supplementation of antibiotic growth promoter replacer on improving nutrient utilization, production and health performance in broilers	D. Thirumeignanam	Jubilent Life Sciences Ltd., Noida	4.05
38.	Efficacy of natural coccidiostat feed additive in	N. Karthikeyan	AVT Natural	4.05
	commercial broilers		Products Ltd., Kerala	

# RESEARCH SCHEMES IN OPERATION (2018-19)

Sl. No.	Funding Agencies	No. of Projects	Budget (Rs. in lakhs)
1	Indian Council of Agricultural Research (ICAR), New Delhi	25	4910.94
2	Department of Biotechnology (DBT), New Delhi	30	3144.32
3	Department of Science and Technology (DST), New Delhi	15	659.40

4	Department of Animal Husbandry, Dairying and Fisheries, Government of India, New Delhi (National Livestock Mission; National Programme for Bovine Breeding and National Agricultural Development Programme)		3042.33
5	Directorate of Oil seeds Development , Hyderabad	1	150.00
6	Ministry of AYUSH, New Delhi	4	166.56
7	National Bank for Agricultural and Rural Development (NABARD), Mumbai	4	1986.67
8.	Indian Council of Medical Research, New Delhi	1	7.23
9.	AICTE, New Delhi	1	3.91
10.	Government of Tamil Nadu (DAHDF, TANII, State Planning Commission, TNSCST, TNIAM, EDII and Other Tamil Nadu Government Agencies / Departments)	17	6800.84
11.	National Egg Coordination Committee	1	5.00
12.	Other Private Agencies Jubilant Life Sciences Ltd., Noida (2) VIRBAC Animal Health India Pvt. Ltd., Mumbai Dhanvantari Nano Ayushadi Pvt. Ltd., Chennai EID Parry (India) Ltd., Chennai	5	38.97
13.	International Agencies BBSRC, UK Queens University, Belfast SEPPIC, France Bill and Melinda Gates Foundation, USA Nutreco, The Netherlands	5	242.66
	Grand Total	122	21158.83

### RESEARCH SCHEMES SANCTIONED (2018-19)

Sl. No.	Title of the scheme	Name of the PI	Funding Agency	Budget (Rs. in lakhs)
	Research			
1	Genetic characterization of antibiotic resistance in <i>Clostridium perfringens</i> and <i>Clostridium difficile</i> and their public health significance	S.Manoharan	DBT, New Delhi	35.93
2	Development of DIVA diagnostics and marker vaccine against Duck Plague Virus	S.Manoharan	DBT, New Delhi	24.87
3	An integrated approach to explore and exploit the innate and adaptive immune responses in indigenous duck breeds of north eastern and south India	S.Manoharan	DBT, New Delhi	20.47
4.	Foldscope for diagnosis of rumen acidosis and parasitic infections in cattle	S.Meignanalakshmi	DBT, New Delhi	8.00
5.	Chicken or egg: Drivers of anti-microbial resistance in poultry in India	T.R. Gopala Krishna Murthy	DBT, New Delhi	51.60
6.	Foldscopes as user-friendly demonstration tool on bone marrow stem cell model for life science students/trainees	A. Mangala Gowri	DBT, New Delhi	8.00
7.	Foldscopes as a tool for testing storage quality of processed liquid food	V. Perasiriyan	DBT, New Delhi	8.00

8.	Genomic and proteomics approaches to develop specific diagnostic assay for detection of estrus/silent estrus in buffaloes	T. Sarath	DBT, New Delhi	99.77
9.	Foldscopes as a tool to screen parasitic infections in wild animals of Tamil Nadu	M. Palanivelrajan	DBT, New Delhi	8.00
10.	Chicken or egg: Drivers of anti-microbial resistance in poultry in India	A. Natarajan	DBT, New Delhi	31.17
11.	Bovine tuberculosis control : Mycobacterial diseases in animals network (MyDAN) Programme	K.Kumanan	DBT, New Delhi	848.24
12.	Developing portable instrumentation for the existing technologies available at TANUVAS for detection of post-partum disease conditions	T.M.A.Senthil Kumar	DST, New Delhi	21.80
13.	Impact of cultured low fat synbiotic buttermilk supplementation on production performance of broiler chicken	D. Kannan and C. Pandiyan	DST, New Delhi	2.07
14.	Development of indigenous cartridges for hemodialysis	M. Chandrasekar	DST, New Delhi	9.18
15.	Development of rapid and visual detection of zoonotic potential <i>Staphylococcus</i> pseudintermedius by nucleic acid lateral flow assay	M. Anandhachitra	DST, New Delhi	19.58
16.	Role of TLR-2 in molecular pathogenesis of cryptosporidiosis-A clue for novel antiapicomplexan therapeutics	K. Nagarajan	DST, New Delhi	34.32
17.	National knowledge management centre for Agricultural Education and Research	G. Rathinasabapathy	ICAR, New Delhi	66.92
18.	In vitro and in vivo nephroprotective evaluation of AYUSH-K1 extract	T. Satheesh Kumar	Ministry of AYUSH, Govt. of India, New Delhi	9.65
19.	Nutritional supplemental strategy	C. Valli	TNIAM Project, Chepauk	200.00
20.	Facts and benefits of consuming egg and chicken meat – enlightening the medical professionals of Tamil Nadu	D. Kannan	National Egg Coordination Committee	5.00
21.	Study of magnetic treatment on inland saline water and its suitability on cultivation of paddy, cotton, chilli and fodder crops in Sivagangai District	L. Vimalendran	District Rural Development Agency, Sivagangai	6.42
22.	Assessment of suitable integrated farming system models for rain fed situation	S. Sendur Kumaran	District Rural Development Agency, Sivagangai	18.75
23.	Impact of feeding unconventional feeds to dairy cattle on the productive and reproductive performance in Vellore district of Tamil Nadu	B. Rajesh Kumar	Agricultural Technology Management Agency, Vellore	5.00
24.	Large scale controlled field trial with combined inactivated vaccine against Newcastle disease and Avian infectious bronchitis	J. John Kirubaharan	Seppic, France	3.94
	Institutional building projects			
25.	Institutional development plan of TANUVAS	J. John Kirubaharan	ICAR, New Delhi	2798.66
26.	Establishment of livestock and poultry feed technology centre at Veterinary College and Research Institute, Tirunelveli	M. Chellapandian	NADP/RKVY	150.00

27.	Establishment of rural poultry inputs and skill development centre	R. Richard Churchil	NADP/RKVY	151.10	
28.	Establishment of Alambadi cattle breed research centre at Dharmapuri district	Director, CAPS	Govt. of Tamil Nadu	400.00	
29.	Establishment of Centre for monitoring, surveillance and control of livestock and poultry diseases at Madhavaram, Chennai	Prof. and Head, Central University Laboratory	Govt. of Tamil Nadu	306.00	
30.	Construction of Additional Buildings infrastructure at VC&RI, Orathanadu and VC&RI, Tirunelveli	Deans of VC&RI, Orathanadu and VC&RI, Tirunelveli	Govt. of Tamil Nadu	2800.00	
31.	Establishment of low cost hydroponic fodder production device in landless / small farmer households for sustainable livestock farming in drought affected districts of Tamil Nadu	S. Meenakshi Sundaram	Govt. of Tamil Nadu	74.48	
32.	Veterinary Incubation Foundation @ TANUVAS	Director, CAHS	Entrepreneurship Development Innovation Institute,Chennai	235.00	
33.	Establishment of embryo production centre for conservation of indigenous cow breeds of Tamil Nadu	M.Selvaraju	NMBP	251.00	
34.	Establishment of Krishi Vigyan Kendra at Villupuram	Director of Extension Education	ICAR, New Delhi	155.90	
	Validation projects				
35.	Exploring the possibility of incorporation of AFTD salt in mineralized salt lick for ruminants and its validation	S. Gunasekaran	EID Parry (India) Ltd., Chennai	3.68	
36.	Validating the effect of feeding ADDON®-Rumen support on lactation yield and health parameters in lactating animals during summer season	C. Valli	VIRBAC Animal Health India Pvt. Ltd., Mumbai	9.11	
37.	Validating the combined effect of rumen protected methonine and rumen protected lysine on performance of dairy cattle during lactation	A. Yasotha	Jubilant Life Sciences Ltd., Noida	12.89	
38.	Validating the efficacy of Nano Silver (Ag NP-124) as an egg shell sanitizer on the keeping quality of table eggs and hatchability performance of fertile eggs	P.Kanagaraju	Dhanvantari Nano Ayushadi Pvt. Ltd., Chennai	9.24	
	Total				

### Plan Schemes Operated by the University in the last five years

Year	No. of Plan schemes	Total Grant obtained (Rs.in lacs)		
2014-15	72	8810.86		
2015-16	73	8951.13		
2016-17	73	9592.38		
2017-18	76	8359.50		
2018-19	The Government of Tamil	Nadu has regrouped the plan schemes and Non-plan		
2018-19	schemes functioning at TA	NUVAS under one head as State Expenditure		

## Part II Schemes Operated by the University in the last five years

Year	No. of Part II schemes	Total Grant obtained (Rs.in lacs)	Status (Completed/under progress)
2014-15	2	69.49	Completed

Details of Various Sponsors for other Ongoing Research Schemes in the last five years

Year	Funding Agency	No. of schemes	Total outlay (Rs.in lacs)
2014-15	ICAR	3	407.40
	DBT	9	539.96
	DST	3	92.52
	ICMR	1	17.85
	DAHD&F, New Delhi	5	236.30
	NBAGR	1	58.50
	TN Govt. Agencies	7	31.10
	Govt. of Tamil Nadu	2	879.86
	NADP	4	504.35
	PVT	12	42.82
	International Agencies	1	4.91
2015-16	ICAR	4	74.08
	DBT	6	236.60
	DST	3	46.75
	Ministry of AYUSH	2	91.62
	NABARD	2	5.69
	TN Agencies	8	199.67
	NPBB	3	620.30
	NBA	1	5.25
	NADP	1	633.96
	World Animal Protection	1	2.07
	Pvt. Agencies	2	10.06
2016-17	ICAR	4	126.64
	DBT	4	152.01
	DST	4	373.71
	AYUSH	1	65.29
	ICMR	1	7.23
	NABARD	4	23.73
	AICTE	1	3.91
	Dte. of Oil seeds	1	150.00
	NADP	3	314.95
	TN Agencies	2	22.84
	Private Agencies	6	20.30
2017-18	ICAR	1	116.04
2017-10	DBT	15	1834.26
	NADP	3	500.00
	National Livestock Mission	1	200.00
	NBB	2	53.49
	TN Agencies	5	748.36
	NABARD	3	1986.5
	International Agencies	4	238.65
	Private Agencies	3	11.73
2018-19	ICAR	3	3021.48
<u> </u>	DBT	11	1144.05
	DST	5	86.95
	Ministry of AYUSH	1	9.65
	National Egg Coordination Committee	1	5.00
	TN Agencies	5	465.17
	NADP	2	301.10
	Govt. of TN	4	3580.48
	NMBP	1	251.00
		4	34.92
	Private Agencies	1	
	International Agencies	1	3.94

## **University Sub-projects for the year 2019**

Sl. No	Name of the Project	Associated Faculty	University fund (in Rs.)	Status (Completed/ under progress)
1	Development of Vitamin D and Carotene fortified functional Yoghurt	Dr. D. Rajarajan Asst. Professor Dept. of LPT, VC & RI, Orathanadu	10000	In progress
2	A Survey on Meat Microbial Quality of Organised and Un-Organised Meat sectors in and around Orathanadu Taluk	Dr. B. Karthik Asst. Professor Dept.of LPT, VC & RI, Orathanadu	15000	In progress
3	Bud chip method: A potential in-vitro technology for Bajra-Napier hybrid (Pennisetum glaucum L.X P.purpurem Schum) for sett multiplication	Dr. D. Senthilkumar Asst. Professor LFC, VC & RI, Orathanadu	15000	In progress
4	Efficacy of the progesterone impregnated intra – vaginal sponge on fertility in repeat breeding cows	Dr. V. Prabaharan Asst. Professor Gynaecology Unit of Veterinary Clinical Complex, VC & RI, Orathanadu	12000	In progress
5	Augmentation of fertility by timed artificial insemination (TAI) using Cosynch method in repeat breeding cows	Dr. R. Rajkumar Asst. Professor Dept.of Vety. Gynaecology and Obstetrics, VC & RI, Orathanadu	10000	In progress
6	Prevalence of sub clinical ketosis and subclinical endometritis in Anestrum and Repeat breeding dairy cows	Dr.S. Raja Asst. Professor Dept. of Vety. Gynaecology and Obstetrics, VC & RI, Orathanadu	13000	In progress
7	Evaluation of the Cardiac and imaging markers for early prognostication of Traumatic Pericarditis (TP) and Economic loss minimization for dairy farmers	Dr. M. Venkadesan Asst. Professor Dept. of Veterinary Medicine, VC & RI, Orathanadu	15000	In progress
8	Regional surveillance on anaemic disorders in goats and its mitigation in Cauvery delta region of Tamil Nadu	Dr. K. Jayalakshmi Asst. Professor Dept.of Veterinary Medicine, VC & RI, Orathanadu	15000	In progress
9	Documentation of Haematological and Biochemical values of Umblachery Cattle	Dr. T. C. Balamurugan Asst. Professor Dept.of Veterinary Physiology and Biochemistry, VC & RI, Orathanadu	13000	In progress
10	Prevalence of Schistosoma nasale and Schistosoma spindale in Cauvery Delta Region	Dr. M.K. Viajayasarathi Asst. Professor Dept.of Veterinary Parasitology, VC & RI, Orathanadu	12000	In progress

Sl. No	Name of the Project	Associated Faculty	University fund (in Rs.)	Status (Completed/ under progress)
11	Respiratory disease pattern and protocols in combating its infection of important bacterial origin among migratory sheep and goats of Cauvery Delta Zone (CDZ)	Dr. B. Puvarajan Assoc. Professor Dept.of Veterinary Microbiology, VC & RI, Orathanadu	15000	In progress
12	Development of Polyherbal Nano-Emulgel Farm Gate Therapeutic Kit for Bovine Mastitis	Dr. P. Senthilkumar Asst. Professor Dept.of Veterinary Pharmacology and Toxicology, VC & RI, Orathanadu	10000	In progress
13	Screening of ethno veterinary plants for antimicrobial activity against multi-drug resistant <i>Staphylococcus aureus</i> , <i>Salmonella enteritidis</i> and <i>E.coli</i> O157:H7	Dr.A. Sangeetha Asst. Professor Dept.of Veterinary Public Health and Epidemiology, VC & RI, Orathanadu	15000	In progress
14	Quality Assessment of Water for Livestock in Delta regions of Tamil Nadu	Dr. M. Dhanalakshmi Asst. Professor Dept. of Veterinary Public Health and Epidemiology, VC & RI, Orathanadu	15000	In progress
15	Mapping of Caprine Mycoplasmosis in Thanjavur District	Dr. K. Manimaran Asst. Professor Dept. of Veterinary Public Health and Epidemiology, VC & RI, Orathanadu	15000	In progress
16	Effect of Prosync fibre and Prosync cream in post partum anestrous Crossbred Jersey cows	Dr. P. Jayaganthan Asst. Professor Dept.of Veterinary Gynaecology and Obstetrics, VC & RI, Orathanadu	25000	In progress
17	Prevention and control of New Castle disease through Ethno Veterinary Practices	Dr. P. Nithiya Asst. Professor EVHRC of Poultry, Namakkal	25000	In progress
18	Surveillance of Adeno, Parainfluenza-3, Sendai and Cytomegalo viral infections of Guinea pigs by Polymerase Chain Reaction (PCR)	Dr. R. Bharathi Asst. Professor CUL, CAHS, Chennai	25000	In progress
19	Characterization and isolation of circulating genotypes if porcine circovirus 2 (PCV2) in Tamil Nadu	Dr. K. Anbukumar Asst. Professor VRC-VV, Chennai	25000	In progress
20	Antibiogram and Molecular characterization of bacteria causing egg peritonitis in Poultry	Dr. S. Udhayavel Asst. Professor PDDSL, Namakkal	25000	In progress
21	Quantification of Dietary Cationic Anionic Difference (DCAD) salts in feeds and fodders and formulating DCAD rations to prevent milk fever in dairy cows of Kancheepuram District	Dr. S. Gujasekaran Asst. Professor IAN, Kattupakkam	8000	In progress

Sl. No	Name of the Project	Associated Faculty	University fund (in Rs.)	Status (Completed/ under progress)
22	Producing fibrolytic enzymes at farmers level to enhance nutritive value of Sorghum Stover	Dr. P. Anuradha Asst. Professor IAN, Kattupakkam	25000	In progress
23	Exploring organic compost production for terrace/roof top garden utilizing fresh/fallen tree leaves	Dr. V.S. Mynavathy Asst. Professor IAN, Kattupakkam	20000	In progress
24	Effect of partial replacement of concentrate feed with hydroponic maize fodder on growth and reproduction performance in Soviet Chinchilla Rabbits	Dr.A. Shanmugha Sundaram Asst. Professor LFC, MMC, Chennai	6000	In progress
25	Field performance evaluation of Parrot Beak  - Long Tail Aseel Chicken variety of Tamil Nadu	Dr. M.S. Murugan Asst. Professor VUTRC, Rajapalayam	25000	In progress
26	Validation of Mastitis Herbal Spray Developed at Ethno Veterinary Herbal product research development centre at VC&RI, Orathanadu	Dr. V.S. Vadivoo Asst. Professor VUTRC, Tirupur	8500	In progress
27	In Vitro Evaluation of turmeric on uterine discharges collected from endometritis affected Cows	Dr. U. Lakshmikantan Asst. Professor VUTRC, Tirupur	8500	In progress
28	Antimicrobial Resistance Profiling of Bovine subclinical/clinical mastitis causing bacteria in Thanjavur District	Dr. A. Elamurugan Asst. Professor VUTRC, Thanjavur	20000	In progress
29	Screening and characterization of extended spectrum β- lactamases producing (ESBL) Escherichia Coli among the poultry samples of Kanchipuram District	Dr. R. Durairajan Asst. Professor VUTRC, Melmaruvathur	20000	In progress
30	Comparison of TANUCHEK SCC kit and California mastitis test for the detection of bovine subclinical mastitis	Dr.Rr. Ramya Asst. Professor VUTRC, Dindigul	25000	In progress
31	Evaluation of Genetic and Non-genetic factors affecting economic traits in small ruminants	Dr. R. Selvan Asst. Professor AGB, VC&RI, Tirunelveli	5000	In progress
32	Effect of Nano Zinc supplementation on production performance, immune response and carcass characteristics in Japanese quail broiler	Dr. N. Arulnathan Asst. Professor Dept. of AN, VC&RI, Tirunelveli	10000	In progress
33	Quality characteristics of extruded millet based snack type product incorporated with chicken	Dr. M. Sutha Asst. Professor Dept. of LPT, VC&RI, Tirunelveli	8000	In progress
34	Economic implications of bluetongue disease in sheep	Dr. S. Senthilkumar Assoc. Professor Dept. of VAHEE, VC&RI, Tirunelveli	10000	In progress
35	Assessment of knowledge level of goat farmers in adoption of improved goat rearing practices	Dr. A.V. Genesis Inigo Asst. Professor Dept. of VAHEE, VC&RI, Tirunelveli	6000	In progress

Sl. No	Name of the Project	Associated Faculty	University fund (in Rs.)	Status (Completed/ under progress)
36	Structural architecture of retinal neurons – A comparative study	Dr.S. Rajathi Asst. Professor Dept. of Veterinary Anatomy, VC&RI, Tirunelveli	9500	In progress
37	Comparative study on reagent strip based diagnosis of sub clinical endometritis in repeat breeding crossbred cattle	Dr. A. Ganesan Asst. Professor Dept. of Veterinary Gynaecology & Obstetrics, VC&RI, Tirunelveli	10000	In progress
38	Detection and differentiation of avian oncogenic viruses in native chicken	Dr. M. Prabhu Asst. Professor Dept. of Veterinary Microbiology, VC&RI, Tirunelyeli	10000	In progress
39	Cytological and histopathological assessment of cutaneous neoplasms in canines	Dr. T. Mohanapriya Asst. Professor Dept. of Veterinary Pathology, VC&RI, Tirunelveli	10000	In progress
40	Evaluation of antimicrobial activity of select medicinal plants with special emphasis on their phytochemical and thin layer chromatography profiling	Dr. D. Sureshkumar Asst. Professor Dept. of Veterinary Pharmacology and Toxicology, VC&RI, Tirunelveli	10000	In progress
41	Anti-termatodal activity of medicinal plants employing organ bath technique	Dr. K. Kanagarajadurai Asst. Professor Dept. of Veterinary Pharmacology and Toxicology, VC&RI, Tirunelveli	7000	In progress
42	Assessing the resilience capacity of indigenous goats subjected to heat stress in hot dry tropical environment	Dr. K. Ramesh Asst. Professor Dept. of Veterinary Physiology and Biochemistry, VC&RI, Tirunelveli	10000	In progress
43	Cross sectional serological study on Burcella melitensis infection in small ruminants in Tirunelveli District	Dr. A. Sundar Asst. Professor Dept. of Veterinary Public Health and Epidemiology, VC&RI, Tirunelveli	10000	In progress
44	Efficacy of autogenous vaccine therapy for bovine pappilomatosis	Dr. S. Kokila Asst. Professor Dept. of Veterinary Surgery and Radiology, VC&RI, Tirunelveli	8000	In progress
45	Effect of Nano Heal® and low level LASER therapy for the management of septic wounds in farm and pet animals	Dr. A.R. Ninu Asst. Professor Dept. of Veterinary Surgery and Radiology, VC&RI, Tirunelveli	8000	In progress

SI. No	Name of the Project	Associated Faculty	University fund (in Rs.)	Status (Completed/ under progress)
46	Utilization of hatchery and poultry waste for murrel fish culture	Dr. S. Ganesh kumar Asst. Professor LFC, VC&RI, Tirunelveli	3000	In progress
47	Characterization of major reproductive parameters in chippiparai bitches	Dr. Chhavi Gupta Asst. Professor Veterinary Clinical Complex, VC&RI, Tirunelveli	12000	In progress
48	Nutritional evaluation of feed resources of southern Tamil Nadu	Dr. M.P. Vijaya Kumar Asst. Professor Dept. of AN, VC&RI, Tirunelveli	6000	In progress
49	Effects of physical characters of jersey crossbred cows on milk yield	Dr. M. Sathiyabarathi Asst. Professor Dept. of LPM, VC&RI, Tirunelveli	9500	In progress
50	Development and standardization of dietetic kulfi with guava and palm sugar candy	Dr. A.S. Sobana Asst. Professor Dept. of LPT, VC&RI, Tirunelveli	8000	In progress
51	Characterization of Avibacterium paragallinarum causing infectious coryza in southern Tamil Nadu Region	Dr. N. Sweetline Anne Asst. Professor Dept. of Veterinary Microbiology, VC&RI, Tirunelveli	10000	In progress
52	Seasonal prevalence of Haemonchus contortus among small ruminants of Tirunelveli	Dr. K. Dhandapani Asst. Professor Veterinary Parasitology, VC&RI, Tirunelveli	5000	In progress
53	Incidence of haemoprotozoan diseases in ruminants of Tirunelveli District	Dr. K. Sumathi Asst. Professor Dept. of Veterinary Parasitology, VC&RI, Tirunelveli	10000	In progress
54	Evaluation of dexmedetomidine as preanaesthetic in ketamine – isoflurane anaesthesia for pyometra in dogs	Dr. M. Bharathidasan Asst. Professor Veterinary Clinical Complex, VC&RI, Tirunelveli	5000	In progress
55	Economic assessment of male buffalo calves rearing for meat production in Coimbatore, Theni and Kanyakumari Districts of Tamil Nadu	Dr. V. Senthilkumar Asst. Professor Dept. of AHE, VC&RI, Namakkal	25000	In progress
56	Growth and instability analysis of mutton and chevon prices in Tamil Nadu	Dr. R. Chitra Asst. Professor Dept. of AHS & CA, VC&RI, Namakkal	20000	In progress
57	Physicochemical characterization of sheep manure	Dr. K. Chinnamani Asst. Professor Dept. of LPM, VC&RI, Namakkal	20000	In progress

Sl. No	Name of the Project	Associated Faculty	University fund (in Rs.)	Status (Completed/ under progress)
58	Impact of experiential learning programme in feed manufacturing technology on the entrepreneurial qualities of students	Dr. V. Uma Asst. Professor Dept. of VAHEE, VC&RI, Namakkal	20000	In progress
59	Genotyping of Newcastle disease virus from pea fowls	Dr. P. Suresh Asst. Professor Dept. of Veterinary Microbiology, VC&RI, Namakkal	20000	In progress
60	Investigation of environmental determinants associated with canine parvoviral infection in dogs	Dr. M. Geetha Asst. Professor Dept. of VPHE, VC&RI, Namakkal	25000	In progress
61	Role of milk biochemical markers (LDH and ALP) and oxidative marker (malondialdehyde) in early diagnosis of bovine sub-clinical mastitis	Dr. M. Sasikala Asst. Professor Dept. of Veterinary Pathology, VC&RI, Namakkal	25000	In progress
62	Formulation of Mukia maderaspatana as promising topical herbal preparation for cutaneous warts in cattle	Dr. M.J. Raja Asst. Professor Dept. of VPT, VC&RI, Namakkal	24000	In progress
63	Larvicidal and pupicidal activity of neem products with methoprene against the Housefly, Musca domestica L. in commercial broilers	Dr. P. Shankar Asst. Professor Dept. of VPT, VC&RI, Namakkal	20000	In progress
64	Therapeutic evaluation of Guava leaf paste (Psidium guajava) in management of non-specific diarrhea in small ruminants	Dr. E. Venkatesakumar Asst. Professor Dept. of VCM, VC&RI, Namakkal	10000	In progress
65	Evaluation of the efficacy of aqueous leaf extract of Abutilon indicum in intestinal motility disorders of cattle	Dr. R. Ravi Asst. Professor Dept. of VCM, VC&RI, Namakkal	19000	In progress
66	Therapeutic management of moderate rumen lactacidosis in small ruminants using banana (Musa sp) flower	Dr. K. Mohanambal Asst. Professor Dept. of VCM, VC&RI, Namakkal	10000	In progress
67	Influence of prepartum administration of antioxidants (Vitamin E, Selenium and Vitamin A) on postpartum reproductive performance of crossbred dairy cattle	Dr. K. Ravikumar Asst. Professor Dept. of VGO, VC&RI, Namakkal	25000	In progress
68	Therapeutic efficacy of garlic (Allium sativum), turmeric (Curcuma longa) and eucalyptus (Eucalyptus globules) extracts in the treatment of bovine endometritis	Dr. D. Gopikrishnan Asst. Professor Dept. of VGO, VC&RI, Namakkal	10000	In progress
69	Effect of subluteal dose of prostaglandin $F2\alpha$ (natural) administration during artificial insemination on conception rate in cows and buffaloes	Dr. K. Senthilkumar, Asst. Professor Dept. of VGO, VC&RI, Namakkal	10000	In progress
70	Total intravenous anaesthetic protocol for computed tomographic imaging in small ruminants	Dr. A. Kumaresan Asst. Professor Dept. of VSR, VC&RI, Namakkal	20000	In progress

Sl. No	Name of the Project	Associated Faculty	University fund (in Rs.)	Status (Completed/ under progress)
71	Evaluation of the efficacy of mitomycin for bovine ocular squamous cell carcinoma	Dr. K. Jayakumar Asst. Professor Dept. of VSR, VC&RI, Namakkal	10000	In progress
72	Screening for the presence of 'FecB Gene' in farmers sheep flocks	Dr. M.Jeyakumar Asst. Professor Dept. of AGB, VC&RI, Namakkal	25000	In progress
73	Extension of shelf-life of gulabjamun and rasagolla by thermal processing	Dr. S. Banupriya Asst. Professor Dept. of LPT (Dairy Sci.,), VC&RI, Namakkal	24000	In progress
74	Quality assessment of traditionally prepared pork product of Kolli hills at room temperature	Dr.R. Ilavarasan Asst. Professor Dept. of LPT (Meat Sci.,), VC&RI, Namakkal	25000	In progress
75	Design and Development of Ultraviolet Reactor for Liquid Foods	Dr. N. Karpoora Sundara Pandian Asst. Professor CFDT, Koduveli	25000	In progress
76	Effect of domestic sewage water and nutrients on accumulation of nutrients in fodder crops	Dr. C. Vennila Asst. Professor Dept. of Agronomy, MVC, Chennai	25000	In progress
77	Economic impact of livestock research in Tamil Nadu	Dr. G. Senthilkumar Asst. Professor Dept. of AHE, MVC, Chennai	25000	In progress
78	Demand pattern and consumer perception on quality attributes of dairy products sold at various retail outlets of TANUVAS in Chennai city	Dr. J. Shilpa Shree Asst. Professor Dept. of AHE, MVC, Chennai	20000	In progress
79	Molecular detection of adulteration in mutton briyani from different outlets of Chennai	Dr. R. Ramani Asst. Professor Dept. of LPT (Meat Science), MVC, Chennai	25000	In progress
80	The Status-quo analysis on duck farming system in Northern Districts of Tamil Nadu	Dr.P. Thilakar Asst. Professor Dept. of VAHEE, MVC, Chennai	20000	In progress
81	Socio economic analysis of farmers rearing Nattukuttai breed of cattle	Dr. P. Athilakshmi Asst. Professor Dept. of VAHEE, MVC, Chennai	17000	In progress
82	Effect of Tinospora cordifoila leaf extract on expression of genes associated with regeneration of pancreatic islet in experimentally induced diabetic rats	Dr.M. Bhuvana Asst. Professor Dept. of Veterinary Biochemistry, MVC, Chennai	25000	In progress

Sl. No	Name of the Project	Associated Faculty	University fund (in Rs.)	Status (Completed/ under progress)
83	Study on serum lipid pattern in obese dogs	Dr. K. Badmanath Asst. Professor Dept. of Veterinary Biochemistry, MVC, Chennai	25000	In progress
84	Development of Multiplex PCR assay for simultaneous detection of economically important tick borne haemoparasites of cattle	Dr. R. Edith Asst. Professor Dept. of Veterinary Parasitology, MVC, Chennai	25000	In progress
85	House fly control in livestock and poultry units using cross-vane sticky traps baited with pheromone impregnated in vapour patch	Dr.S.T.Bino sundar Asst. Professor Dept. of Veterinary Parasitology, MVC, Chennai	25000	In progress
86	A Search for natural acaricides from traditional practices in Tamil Nadu	Dr. S.P.Preetha Asst. Professor Dept. of Veterinary Pharmacology and Toxicology, MVC, Chennai	15000	In progress
87	Light microscopic trichology of wild mammals	Dr. M. Palanivelrajan Asst. Professor Dept. of Wildlife Science, MVC, Chennai	25000	In progress
88	Novel sources of alpha galactosidase for enzyme lysis of galatose-alpha-1, 3-galactose structure from eukaryotic cell membrane	Dr. P. Raja Asst. Professor Dept. of Animal Biotechnology, MVC, Chennai	25000	In progress
89	Population status and phenotypic characterization of Malai madu cattle-A less explored indigenous germplasm of Tamil Nadu	Dr. A. Saktivel Selvan Asst. Professor Dept. of AGB, MVC, Chennai	25000	In progress
90	Effect of different organic manures and inorganic fertilizers on productivity of fodder maize	Dr. T. Ananthi Asst. Professor Dept. of Agronomy, MVC, Chennai	25000	In progress
91	Comparative evaluation of lactation curve of cross breed dairy cows in Tamil Nadu	Dr. C. Balan Asst. Professor Dept. of AHS&CA, MVC, Chennai	25000	In progress
92	Evaluation of repellent and larvicidal properties of cow urine and herbal oils based product for the control of mosquito menace in livestock facilities	Dr. D. Divyalakshmi Asst. Professor Dept. of LPM, MVC, Chennai	10000	In progress
93	A surveillance on the effect of different types of cooking on the quality of chicken meat products in different outlets of Chennai	Dr. A. Vanathi Asst. Professor Dept. of LPT (Meat Science), MVC, Chennai	17000	In progress

Sl. No	Name of the Project	Associated Faculty	University fund (in Rs.)	Status (Completed/ under progress)
94	Micro anatomical studies on the kidney of the postnatal female Guinea pigs	Dr. R. Gnanadevi Asst. Professor Dept. of Veterinary Anatomy, MVC, Chennai	25000	In progress
95	Assessment of maternal antibody titre to determine the vaccination time in lambs and kids against PPR virus	Dr. G.Elayaraja Asst. Professor Dept. of Veterinary Microbiology, MVC, Chennai	23000	In progress
96	Detection of acaricide resistance in Rhipicephalus sanguineous tick by biochemical assay	Dr. B. Rubinibala Asst. Professor Dept. of Veterinary Parasitology, MVC, Chennai	25000	In progress

## ANNEXURE

**Publications** 

## **6.6.3.4. Research Publication:** Provide the list of research articles (NAAS ranking 5.00 or more) published in National and International Journals (only based on the work conducted in the University).

## **Madras Veterinary College**

S.No.	Title of article/authors/Year of publication, journal name/ vol/pp etc.	National /International	NAAS rating 5 and above only
2014-15	Differentiation Potential of Ovine Bone Marrow	National	
	<b>Derived Mesenchymal Stem Cells</b>		
	Archana Mohapatra, Sabiha H Basha, T.A. Kannan, A.		
	Mangalagowri, B. Justin William and Geetha		
	Ramesh/ <b>2015</b> / <i>Int.</i> J. Adv. Res., 3(9):1544-1547		
	Control of brown dog tick, Rhipicephalus sanguineus	International	7.85
	using assembly pheromone encapsulated in natural		
	polymer, chitosan, B.Dhivya, Bhaskaran Ravi Latha,		
	C.Sreekumar and V.Leela, Experimental and applied		
	acarology-63(1): 85-92		
	A novel approach to control brown dog tick,	International	
	Rhipicephalus sanguineus using sustained release poly		
	–єcaprolactone-pheromoone microspheres, B.Dhivya,		
	Bhaskaran Ravi, Latha, T.S.Uma, C.Sreekumar and		
	V.Leela, Acta Parasitologica, 59(1): 147-153.		
	Sri Nandhini Sethuraman, Selvasubramanian	International	8.03
	Swaminathan, ShinuB.Nelson, Preetha S.		
	Palaninathan, Tirumurugaan K Gopalan, Pandiyan		
	Velayudham. Modulation of PPARγ and TNFα		
	by emu oil and glycyrrhizin in ulcerative colitis.		
	Inflammopharmacology, 2015, 23(1): 47-56.		
	R. Madheswaran, <b>M. R. Srinivasan</b> , S. Sivaseelan,	National	5.48
	G. A. Balasubramaniam, A. Arulmozhi and P.	- 1,002-2-002	
	Balachandran. "Mammary adenocarcinoma in Wistar		
	rat - A case report". Indian Journal of Veterinary		
	Pathology, 2014, 38(2): 128-130.		
	Chandrasekaran, D; Venkatesan, P; Tirumurugaan,	National	7.0
	KG; Nambi, AP; Thirunavukkarasu, PS; Kumanan,	- 1,000-0 - 2,000	,
	K; Vairamuthu, S; <b>Ramesh, S.</b> Pattern of antibiotic		
	resistant mastitis in dairy cows. Veterinary World,		
	2014, 7(6), 389-394.		
	Plasma biochemical, enzyme and mineral status of	International	7.14
	emu chicks ( <i>Dromaius novaehollandiae</i> ), G.Suganya,	international	,
	V.Leela, P.Tensingh Gnanaraj, C.Devaraj, P.N.R.		
	Jagatheesan and A. Paramasivam, 2014. VETSCI		
	(1-2)		
	Effect of ruminant Kairomone volatile fatty acids on	International	7.95
	larval stages of live Ixodid tick species. RS Ranju, BR	International	1.93
	Latha, V Leela, SA Basith. 2014. Journal of Zoology.	T	7.10
	Effect of dietary supplementation of herbal seeds on	International	5.10
	carcass traits of turkey poults, Veterinary World 2014		
	Darshana B. Bhaisare1, D. Thyagarajan, R. Richard		
	Churchil and N. Punniamurthy , 7(11): 938-942		
	Probiotic activity of lactic acid bacteria. Rita	National	6.0
	Narayanan,B.SureshSubramonian		
	G.Dhinakarraj, C.Naresh Kumar T.R.Pugazhenthi,		
	2014. Indian Journal of Animal Science		

	Development of a two-step SYBR Green I based real	International	7.88
	time RT-PCR assay for detecting and quantifying		
	peste des petits ruminants virus in clinical samples.		
	T. Abera and A.Thangavelu 2014. Journal of		
	Virological Methods. 209 : 25-29.		
	Assessment of cellular and mucosal immune response	International	6.36
	in chicks due to NDV oral pellet vaccine (D58		
	strain). Shilpha P., J.John Kirubakaran., N.Daniel Joy		
	Chandran 2014. Journal of Virology (Viral Diseases).		
	13337-014-0230		
2015-16	Noval PLGA –based nanoparticles for the oral	International	10.32
	delivary of insulin. S.Malathi, P.Nandhakumar,		(Thomson Reuters
	V.Pandiyan, T.J.Webter and S.Balasubramanian,		Impact factor
	2015, International Journal on Nanomedicine, 10(1)		4.32)
	Gowri Karthik a, Mangalagowri Angappan		
	b, Arunkumar VijayaKumarc, Sukumaran	International	2.108 impact
	Natarajapillaia,□Syringic acid exerts antiangiogenic		factor
	activity by downregulation of VEGF in zebrafish		(ELSEVIR)
	embryos Biomedicine & Preventive Nutrition Vol 4,		
	No2 203-208 (2014)		
	Differentiation Potential of Ovine Bone Marrow	National	
	Derived Mesenchymal Stem Cells		
	Archana Mohapatra, Sabiha H Basha, T.A. Kannan, A.		
	Mangalagowri, B. Justin William and Geetha		
	Ramesh/ <b>2015</b> / <i>Int.</i> J. Adv. Res., 3(9):1544-1547		
2015-16	Morphological Studies of the Forelimb Skeleton of		
2010 10	the Orange Rumped Agouti (Dasyprocta leporina		
	Linnaeus). Venkatesan, S. Nicole Dumas, Andrew		
	Adogwa, Suresh rao and Shivanandha B Nayak.		
	2015.), Annual research & review in Biology, 8(4)-1-9		
	Functional morphology of the epidermal structures	International	
	of the feeding apparatus of Guinea fowl (Numidia		
	meleagris). Venkatesan .S, Shazia Nissar, Kannan		
	T.A, Sabiha Hayath Basha, Geetha Ramesh, 2015.		
	International Journal of Advanced Research,		
	3(10),1601-1608		
	Differentiation potential of ovine bonemarrow	International	
	derived mesenchymal stem cells. Archana	111001110011001	
	Mahapatra, Sabiha Hayath Basha, T.A.Kannan,		
	A.Mangalagowri, B.Justin William and Geetha		
	Ramesh, 2015. International Journal of Advanced		
	Research, 3(9), 1554-1557		
	Morphological feature of ovine bone marrow	International	
	derived mesenchymal stem cells . Archana	momanona	
	Mahapatra, Sabiha Hayath Basha, T.A.Kannan,		
	A.Mangalagowri, B.Justin William, Geetha Ramesh		
	and M.Parthiban, 2015. International Journal of		
	Advanced Research,3(11), 1167-1172		
	Characterization of Adipose derived Mesenchymal	National	
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## VCRI, Namakkal

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**Research Publication:** Provide the list of research articles (NAAS ranking 5.00 or more) published in National and International Journals (only based on the work conducted in the University).

S.No.	Title of article/authors/Year of publication,- journal name/ vol/pp etc.	National /Interna- tional	NAAS rating 5 and above only
2014-15	P.Senthil Kumar, A.Arivuchelvan, A.Jagadeeswaran N.Punniamurthy, P.Selvaraj, P.N.Richard Jagatheesan, P.Mekala (2014). Preparation, characterization of enrofloxacin SLNs and its pharmacokinetics in emu (Dromaius novaehollandiae) birds, Applied Nanoscience DOI 10.1007/s13204-014-0361-y,	International	Impact factor 3.3
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## VCRI, Tirunelveli

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2014-15	Post-hatch morphometrical development of the preen gland in the duck <b>S. Rajathi</b> , N. Ashok, A. Kumaravel and <b>S. Muthukrishnan</b> Indian Veterinary Journal: 91(1): 17-19 Jan 2014	National	6.0
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2015-16	Morphometry of the mandible of kanni goat of Tirunelveli district <b>S. Rajathi</b> Indian Veterinary Journal 92(1): 76-78 Nov 2015	National	6.0
2015-16	Anthelmintic activity of <i>Sesbania grandiflora</i> against Gastrointestinal nematodes of sheep. <b>Meenakshisundaram A</b> , T. J. Harikrsihnan and Anna T, 2016, Indian Journal of Animal Sciences February 2016, 86 (2)143 - 148	National	6.10
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2016-17	Development of meat based seasoning fryums using chicken meat and rice flour blends. Anna Anandh, M. (2017).  International Journal of Current Microbiology and Applied Sciences, 6(6): 2112-2119.	International	5.38

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2016-17	Quality and acceptability of restructured spent hen meat nuggets prepared from spent hen meat emulsion and ground spent hen meat batter. Anna Anandh, M. and Annal Villi, R. (2018). International Journal of Current Microbiology and Applied Sciences, 7(02): 220-225.	International	5.38
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2016-17	Studies on the effectiveness of oral pellet vaccine in improving egg production and egg quality in desi chicken. T. Lurthu Reetha, <b>J. Johnson Rajeswar</b> , T.J.Harikrishnan, K.Sukumar, P.Srinivasan, J. Johnkirupakaran. <b>Veterinary World</b> 2016 Vol.9 P.900-903	International	5.10
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2017-18	Factors Influencing Milk Producers Preference for Dairy Husbandry Services: A Case of Salem District of Tamil Nadu. Sangameswaran,R and Sunitha Prasad (2018) <b>International Journal of Livestock Research.</b> Vol 8 (01) Jan '18-225-234	International	5.36
2017-18	A Case of Milk Producers Perception towards Extent of Input Supply and Preventive Services by Milk Marketing Agencies in Salem District of Tamil Nadu, India Sangameswaran,R and Sunitha Prasad (2017) International Journal of Current Microbiology and Applied Sciences. 7(3): 1430-1439	International	5.38
2017-18	Molecular identification of <i>Mycobacterium tuberculosis</i> in cattle. <i>Veterinary Microbiology</i> <b>198</b> : 81–87 <i>2017</i> <b>Sweetline Anne., N,</b> B.S.M.Ronald., T.M.A.Senthil Kumar., P. Kannan., A.Thangavelu	International	8.5
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2018-19	M.Sathiyabarathi, S.Jeyakumar, A.Manimaran, Heartwin Pushpadass, A. Kumaresan, S.S. Lathwal, M Sivaram, D.N. Das, K.P. Ramesha and G.Jayaprakash. 2018. Infrared thermography to monitor body and udder skin surface temperature differences in relation to subclinical and clinical mastitis condition in Karan Fries (Bos taurus × Bos indicus). Indian Journal of Animal Sciences, 88 (6): 694 – 699.	National	6.23
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2018-19	Molecular analysis of oncogenenicity associated gene	National	6.53
	"vIL8" of serotype 1 Marek's disease virus isolates from India.		
	P.Suresh, J.Johnson Rajeswar, K.Sukumar, T.J.Harikrishnan		
	and P.Srinivasan Indian J.Anim.Res., 2019 DOI: 10.18805/		
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	R.Saahithya. Iranian Journal of Veterinary Research 2019		
	vol.20,No.4.Ser.No.69.P 308-312		
2018-19	PCR based detection of paratuberculosis infection in a cattle:	International	5.53
	A case report- PA Enbavalen, PK Ramkumar, S Rajagunalan,		
	A Sundar and R Ramprabhu –Journal of Entomology and		
	<b>Zoology Studies,</b> 8(2), 1699 – 1700,2019		
2018-19	Detection of the presence of Coxiellaburnetii in a case of goat	International	Impact factor:
	abortion: a first report from India S Rajagunalan, K Gururaj, U		1.333 (2019)
	Lakshmikantan, M Murugan, A Ganesan, A Sundar, S		
	Sureshkannan, Dimple Andani, Rajveer Singh Pawaiya		
	<b>Trop Anim Health Prod. 2019</b> May 51(4):983-986.		
2018-19	Host susceptibility of different Avipoxvirus isolates.	National	5.53
	Sharma, B., Nashiruddullah, N., Ahmed, J.A., Sharma, S. and		
	Ahamad, D.B. 2019. Journal of Entomology and Zoology		
	<b>Studies.</b> 7(05): 437-440		
2018-19	Pathology of Avipoxvirus in chicken embryonated eggs.	International	5.38
	Sharma,B., Nashiruddullah, N., Ahmed, J.A., Sharma, S.		
	and D.B Ahamad. 2019. International Journal of Current		
	Microbiology and Applied Sciences. 8(09): 2319-7706		
2018-19	Occurrence of Marek's disease in commercial layer	International	5.38
	chicken. R.Ravikumar, J.Selvaraj, G.A.Balasubramaniam,		
	S.Balakrishnan, T. Lurthu Reetha and R. Thangathurai. 2019.		
	International Journal of Current Microbiology and Applied		
	Sciences. 8 (9): 2422-2426		
2018-19	Histopathological and molecular diagnosis of Avian virus in	International	5.38
	commercial layer chicken. R.Ravikumar, J.Selvaraj,		
	A. Balasubramaniam, S. Balakrishnan, T. Lurthu Reetha and		
	R. Thangathurai. 2019. International Journal of Current		
	Microbiology and Applied Sciences. 8 (9): 2417-2421		
2018-19	Village Adoption Programme - A Baseline Survey Report.	International	5.36
	S.Senthilkumar, M. Vinothini, Sangameswaran, Thanaseelaan,		
	A.V.Gensis Inigo, M. Boopathy Raja(2019). International		
	Journal of Livestock Research 9(9): 212-220		

## **CFDT**

Year	Title of the article / authors / year of publication,	National /	NAAS Rating
2014.15	journal name / vol / pp etc.	International	(5 and above only)
2014-15	Dicker A J, Inglis N, Manson E, Subadhra S, Manikkavasagan I, Raman M, Knox D. Proteomic analysis of <i>Mecistocirrus digitatus</i> and <i>Haemonchus contortus</i> intestinal protein extracts and subsequent efficacy testing in a vaccine trial. PLoS Neglected Tropical Diseases. 2014 Jun; 8(6): e2909. (PMCID: PMC4046941)	International	10.37
2014-15	A.Karthiayani, N.Varadharaju and M.Siddharth. 2014. Modified Atmosphere Storage of banana ( <i>Musa acuminata</i> ) using diffusion channel and Mathematical Modeling of Steady-State Oxygen Concentration within the package. Journal of Food, Agriculture and Environment.12 (3 & 4): 19-23	International	6.44
2014-15	Production and Optimization of Meat Protein Based Health Beverage B. Karthikeyan, A. Mohan Rajkumar, S. Harikumar and C. Ashokkumar International Journal of Current Microbiology and Applied Sciences (2014) 3(2): 929-932	International	5.38
2014-15	Effect of prebiotics on Bifidobacterial species isolated from infant faeces Rita Narayanan and B. Suresh Subramoniam2015 Indian Journal of Traditional KnowledgeVol.14 (2)	National	6.44
2015-16	T. Arumuganathan, M. R. ManikantanM. Ramanathan R. D. Rai, C. Indurani and A. Karthiayani. 2015. Effect of Diffusion Channel Storage on Some Physical Properties of Button Mushroom (Agaricus bisporus) and Shelf-Life Extension. Proc. Natl. Acad. Sci., India, Sect. B Biol. Sci. Published on line	International	6.0
2015-16	M.Raman, A. Serma Saravana Pandian, I.Manikkavasagan. Impact of climatological parameters on prevalence of gastrointestinal helminths of small ruminants in Tamil Nadu. Journal of Agrometerology 2015	National	6.56
2015-16	Aravindan K, Shabnam J, Manikkavasagan I, Azhahianambi P, Raman M, Comparative immune prophylactic efficacy of recombinant <i>Haemonchus</i> contortus enolase (rHcENO) and Con A purified native glycoproteins in sheep. Experimental Parasitology. 2015;DOI:10.1016/j.exppara.2015.04.016	International	7.82
2015-16	Physico-Chemical Characteristics and Textural Quality of Myofibrillar Protein Concentrate Prepared from Emu Meat B. Karthikeyan, G. Naveen Kumar, D. Ramasamy and C. Ashok Kumar; International Journal of Current Microbiology and Applied Science (2015) 4(4): 1114-1120	International	5.38
2015-16	Probiotic activity of Bifidobacteria from infant faeces Rita Narayanan and B. Suresh Subramoniam2016 Indian Journal of Animal Research Vol.50 No.1	National	6.04
2015-16	Molecular identification of Bifidobacteria from infant faeces Rita Narayanan, B. Suresh Subramoniam and V.S. Vadivoo 2015 African Journal of Microbiology Research Vol.9(1),	International	5
2016-17	Development and Characterization of Biodegradable Film Using Corn Starch B. Karthikeyan, R. Prakash Raja and D. Ramasamy; International Journal of Current Microbiology and Applied Science (2016) 5(6): 1033-1040	International	5.38

2016-17	S. SARANYA, G.SUJATHA (2016) PRESERVATION OF TENDER COCONUT WATER USING PULSED ELECTRIC FIELD. International Journal of Agricultural Science and Research, 6(4). Pp 251 - 256	International	5.3
2016-17	Effect of vacuum packaging on the shelf life of millet incorporated functional paneer Asvini G, Pugazhenthi TR, Ramasamy D, Rita Narayanan and Bharathidhasan A 2017 Indian J Dairy Sci 70(5):508-512	National	5.26
2017-18	P.Anu Ranjani, A.Karthiayani and D.Baskaran. 2018. Processing of traditional finger millet porridge using retort technology. Journal of Food, Agriculture and Environment.16 (1): 26-30	International	6.4
2017-18	An Evaluation of the Anti-Cancerous Effects of <i>Tinospora cordifolia</i> and <i>Aristolochia bracteolate</i> Using CADD (Computer Aided Drug Discovery) Tools / Cecilia Joseph1, S. Preetha2, P.L. Sujatha3*, C. Balachandran4 and N. Punniamurthy/ <i>Int.J.Curr.Microbiol. App.Sci</i> (2018) 7(6): 722-733	National	5.38
2017-18	Prebiotic effect of honey on the growth of <i>bifidobacterium longum</i> bb-46 in synbiotic whey drink B Suresh Subramonian, T Senthil, A Elango and Rita Narayanan 2018 International Journal of Chemical Studies Vol. 6, Issue 6	National	5.31
2018-19	C.Ashokkumar, B.Murugan, D.Baskaran, V.Veerapandian and A.Karthiayani. 2018. Effect of wall materials and Inlet Air Temperatures on physical properties of Microencapsulated olive oil powder. International Journal of current Microbiology Applied Science. 7(5): 2391-2402 S. Niveadhitha, D. Ramasamy, R. Karunakaran, A. Karthiayani, G. Sujatha and D. Bakaran. 2018. Development of Functional Milk Beverage Powder. International Journal of current Microbiology Applied Science. 7(5): 3752-3761	International  International	5.38
2018-19	B.Nisi Swetha, S.Saranya, S.Rathnapraba, B.Murugan, P.Kanagaraju and K.Vijayarani Molecular characterization of <i>Bacillus cereus</i> from milk and milk product. Indian J dairy Sci.,2018, 71 (6):637-640.	National	5.26
2018-19	Physicochemical properties of olive oil and its stability at different storage temperatures, Ashokkumar, C, Murugan, B, Baskaran, D and Veerapandian, V., 2018, International Journal of Chemical Studies 6(2):1012-1017	International	5.31
2018-19	Development and Quality Evaluation of Corn Based Extruded Snacks Incorporating Goat Offal Meat Powder. Brighton Jabez and Nithyalakshmi, V. 2019. Int.J.Curr. Microbiol.App.Sci. 8(08): 1910- 1914.	International	5.38
2018-19	Nivetha, B.R, K.Sudha, Rita Narayanan and M.Vimalarani.2019. Development and Sensory evaluation of Meat Analogue. <i>International Journal of Current Microbiology and Applied Sciences</i> . 2019 8(8); 1283-88	International	5.38
2018-19	A computer aided approach to develop herbal acaricide using <i>Leucas aspera</i> and <i>Cassia alata</i> against the cattle tick <i>Rhipicephalus</i> ( <i>Boophilus</i> ) microplus/ M Nithya Priyadarshini, SP Preetha, PL Sujatha, M Thangapandiyan, G Sarathchandra, P Sriram and C Yogesh/The Pharma Innovation Journal 2019; 8(11): 79-87	National	5.03

2018-19	Physico-chemical Properties of Grape ( <i>Vitis vinifera L.</i> ,) Pomace Fortified Drinkable Yoghurt. S.Subhashini, D.Baskaran, B.Dhanalakshmi, B.Murugan and A.P.Manoharan. Int. J. Curr. Microbiol. App. Sci., 2018, 7(5), 2875-2880.	International	5.38
2018-19	Ilangopathy, M., Palavesam, A., Amaresan, S., & Muthusamy, R. (2019). Economic Impact of Gastrointestinal Nematodes in Sheep on Meat Production. International Journal of Livestock Research, 9(10), 44-48. doi: 10.5455/ijlr.20190331051814	International	5.36
2018-19	N Sahana, D Ramasamy, TR Pugazhenthi, I Manikkavasagan, Studies on physical and microbial parameters of bovine colostrum powder, Int.J.Curr. Microbiol.App.Sci (2018) 7(8): 2766-2771	International	5.38
2018-19	J Alan Jerish, KS Gnanalaksshmi, K Vijayarani, I Manikkavasagan. Iron fortification on shrikhand using Murraya koenigii leaves extract. 2019. Indian J Dairy Sci. 73(1): 46-50	National	5.26
2018-19	Aruthra Devi, Rita Narayanan, Samuel Masilamoni Ronald and Manikkavasagan. Optimization and development of fat spread from pumpkin seeds". International Journal of Chemical Studies 2019, 7(5) 2508-2512	International	5.31
2018-19	A. Shivani Indumathi*, G. Sujatha, D. Baskaran, B. Dhanalakshmi and A. Serma Saravana Pandian, (2018). Inactivation of Alkaline Phosphatase and Shelf Life Extension of Milk Processed by Hurdle Technology. International Journal of Current microbiology and applied sciences, 7(7), pp 3278-3281	International	5.3
2018-19	S. Sivaranjani, N. Karpoora Sundara Pandian,M. Abdul reiyas G. Sujatha (2019). Effect of Coagulation temperature, pressure and coagulant on the quality of cow milk paneer. International Journal of Chemical Studies, 7(5). Pp 2193 - 2196	International	5.1
2018-19	R.Prakashraja, G. Sujatha, B. Dhanalakshmi D. Baskaran (2019). Physico-chemical and microbial analysis of solar Processed milk. International Journal of current microbiology and applied sciences. 8(12). pp2698-2705.	International	5.3
2018-19	Viability of lactic cultures before and after freeze drying in pomegranate juice Rita Narayanan2019 The Bioscan Vol4(4): 299-301	National	5.26
2018-19	Navarasam, R., N. Karpoora Sundara Pandian, B. Dhanalakshmi and Abdul Reiyas, M. 2018. Effect of Pretreatments on the Quality of Grape Wine. Int.J.Curr. Microbiol.App.Sci. 7(10): 183-192.	International	5.38
2018-19	Sivaranjani,S, N.Karpoora Sundara Pandian, M.Abdul Reiyas and G.Sujatha.(2019). Effect of coagulation temperature, pressure and coagulant on the quality of cow milk paneer. International Journal of Chemical Studies. 7(5). 2193-2196.	International	5.31

## CPPM, Hosur

S.No.	Title of article/authors/Year of publication,journal name/ vol/pp etc.	National / International	NAAS rating 5 and above only
2015-16	Utilization of ghee residue in the diet of broiler chicken. R. Loganathan, <b>P. Shamsudeen</b> , K. Mani, SC. Edwin and K. Rajendran. 2015 <i>Animal Nutrition and Feed Technology</i> , 15: 121-128.	National	6.00
2016-17	Faecal matter as inoculums for in vitro gas production technique. <b>C.S.Pandian</b> , T.J.Reddy, K.Sivaiah, M.Blummel and Y.R.Reddy. 2016 <i>Animal Nutrition and Feed Technology</i> , 16: 271-281.	National	6.25
2017-18	Anticancer activity of silver and copper embedded chitin nanocomposites against human breast cancer (MCF-7) cells. Solairaj D, Rameshthangam P and <b>Gnanapragasam A</b> .2017. <i>International Journal of Biological Macromolecules</i> 105: 608-616. PMID: 28716752.	International	9.14
	Economic Appraisal of Japanese Quail Production in Tamil Nadu state, India Muthukumar, S. <b>Ramesh, J.</b> Srinivasan, G. Thilakar, Ponniah and G H, Hudson. (2017). <i>Indian Journal of Economics and Development</i> . 13. 381-386.	National	4.82
	Assessment of Bacillus cereus in Street Vended Chicken Briyani–A Deli Food of South India. <b>Selvan</b> , P. and Preethi, N.S. 2018. Exposure <i>International Journal of Current Microbiology and Applied Sciences</i> 7(12): 2894-2899.	International	5.38
	Effect of Aqueous Extracts of Indian Spices on Inoculated Listeria monocytogenes in Chicken Breast Muscle. PSelvan, 2018MAH Laura - International Journal of Current Microbiology and Applied Sciences	International	5.38
2018-19	Prevalence of Coagulase-Positive Staphylococci (CPS) in Chicken Meat Sold in Chennai Metropolis and its Suburbs <b>P. Selvan</b> 2019 <i>International Journal of Current Microbiology and Applied Sciences</i> 8(4): 2513-2519	International	5.38
	Quantitative Exposure Assessment of Enterotoxin-Producing Staphylococcus aureus in Chicken Briyani. <b>PSelvan</b> , 2019 International Journal of Current Microbiology and Applied Sciences 8(4): 2505-2512.	International	5.38
	Assessment of Traditionally Processed Kola, A Deli Meat of Tamil Nadu, India. <b>P. Selvan*</b> and R. Gayathri. 2019 <i>International Journal of Current Microbiology and Applied Sciences</i> 8(6): 3282-3288.	International	5.38



## 6.6.4. Extension Support

**6.6.4.1. Extension Council:** Mention the present composition of the Extension Council and provide the dates of meetings in last five years in tabular form.

## **EXTENSION EDUCATION COUNCIL**

1.	Chairman	Vice-Chancellor, TANUVAS	Dr. C. Balachandran Vice-Chancellor, TANUVAS
2.	Member Secretary	Director of Extension Education	Dr. D. Ramasamy Director of Extension Education i/c, TANUVAS
3.	Members	Registrar, TANUVAS	Dr. P. Tensingh Gnanaraj Registrar, TANUVAS
		Director of Animal Husbandry	Director of Animal Husbandry
		Deans and Directors of the University	1. Dr. J. Johnson Rajeswar,
			Dean i/c, VC&RI, Tirunelveli
			2. Dr. T. Sivakumar,
			Dean, VC&RI Orthanadu, Thanjavur
			3. <b>Dr. J. John Kirubaharan</b> , Dean, MVC, Chennai.
			4. Dr. B. Dhanalakshmi,
			Dean i/c, FFS, Koduvalli
			5. Dr. G. Sarathchandra,
			Dean, FBS, Chennai
			6. <b>Dr. B. Mohan</b> , Dean, VC&RI, Namakkal
			7. Dr. K. Mani,
			Dean, CPPM, Hosur
			8. Dr. T.J. Harikrishnan,
			Director of Research, TANUVAS
			Dr. G. Dhinakar Raj,     Director, Centre for Animal Health Studies, TANUVAS
			10. Dr. A.V. Omprakash,
			Director i/c, Centre for Animal Production Studies, TANUVAS.
			11. Dr. K. N. Selvakumar,
			Director of Distance Education, TANVUAS
			12. <b>Dr. S. Balasubramanian</b> , Director of Clinics, TANUVAS
			13. Dr. P. Kumarasamy,
			Controller of Examinations, TANUVAS
		Three Regional Joint Directors of	1. Dr. C. Narayanan,
		Animal Husbandry	Regional Joint Director of Animal Husbandry, Kancheepuram
			Dr. S. Navaneetha Krishnan,     Regional Joint Director of Animal Husbandry, Vellore
			3. Dr. K. Kubendran,
			Regional Joint Director of Animal Husbandry, Tiruvallur
		Two Professors nominated by the Vice-	1. Dr. K. Sivakumar,
		Chancellor	Professor and Head, Department of Livestock Production and
			Management, VC&RI, Namakkal  2. Dr. S.C. Edwin,
			Professor and Head, Department of Livestock Production and
			Management, VC&RI, Tirunelveli
		Professors of Extension Education of	1. Dr. P. Mathialagan,
		the colleges	Professor and Head, Department of Animal Husbandry Extension
			Education, MVC, Chennai.  2. Dr. N. Narmatha,
			Professor and Head, Department of Animal Husbandry Extension,
			Namakkal
			3. Dr. V. Thanaseelan,
			Professor and Head, Department of Animal Husbandry Extension,
			VC&RI, Tirunelveli 4. Dr. A. Manivannan,
			Professor and Head, Department of Animal Husbandry Extension,
			VC&RI, Orathanadu
		Two eminent persons	1. Dr. K.C. Veeranna,
			Registrar, Karnataka Veterinary, Animal and Fisheries Sciences
			University, Bidar  2. Dr. D. Thammi Raju, Principal Scientist, NAARM, Hyderabad
		Three progressive farmers nominated	Di. D. Thammi Raju, Principal Scientist, NAARW, Hyderabad     Thiru. V. Rankarajan,
		by the Vice-Chancellor and approved by	Pollachi, Coimbatore District
		the Pro-Chancellor	2. Thiru. K. Durraiyarasan,
			Madathukulam, Tirupur District
			3. Thiru. M. Kumaravel,
			Udumalpet, Tirupur District

#### Dates of meeting of Research Council in last five years

<b>Extension Council meeting</b>	Year	Date
24th	2012	15.03.2013
25th	2013	20.03.2014
26th	2014	06.03.2015
27th	2015	22.03.2016
28th	2016	28.03.2017
29th	2017	28.09.2018
30th	2018	26.06.2019

#### **6.6.4.2.** Directorate of Extension Education

Give brief information about the present establishment of the Directorate of extension education, staff pattern, KVK and other off-campus extension programmes, extension coordination mechanism, extension and technology dissemination system and contribution in academic programmes.

**Directorate of Extension Education (DEE)** is one of the constituent units of Tamil Nadu Veterinary and Animal Sciences University caters the needs of livestock farming community of Tamil Nadu. The mandate of the Directorate is

- To plan and execute all extension programmes and activities in consultation and cooperation with the Deans of various colleges and the Directors of various faculties.
- To have close collaboration and co-ordination of extension work based on the record of the University with other service departments of Animal Husbandry, Tamil Nadu Co-operative Milk Producers' Federation etc., of the State Government.
- To act as the principal liaison officer for dealing with other agencies that are concerned in the matter of Extension Education.
- To supervise and control the extension education activities of the University.
- To disseminate the research findings of the University and further, in consultation with the concerned Government Departments, publish extension bulletins, Newsletter, circulars, etc., summarizing the important research findings for the benefit of the farming community and
- To formulate and present the policies and programmes of the Extension Education activities of the University to the Extension Education Council.

A total of 20 Veterinary University Training and Research Centres (VUTRC) located at Coimbatore, Cuddalore, Dharmapuri, Dindigul, Erode, Karur, Krishnagiri, Melmaruvathur, Nagapattinam, Nagercoil, Perambalur, Rajapalayam, Ramanathapuram, Salem, Thanjavur, Tiruchirapalli, Tiruppur, Tiruvannamalai, Vellore and Villupuram, three Farmers Training Centres (FTC) at Kancheepuram, Theni and Tiruvarur and four Krishi Vigyan Kendras (KVK) at Kattupakkam, Kundrakudi, Namakkal and Villupuram are functioning under the technical and administrative control of the Directorate of Extension Education. In addition to this the DEE is executing the extension activities through the Department of Extension located in the constituent colleges of TANUVAS, Research Farms and various Laboratories located in TANUVAS.

The activities of the Directorate of Extension Education are very much diverse in nature. From capacity building of livestock farmers, transfer of technology, education, providing clinical and health care services to finding solutions for individual unique problems, the Directorate of Extension Education focuses on bridging the economic gap of the livestock farmers. In addition, the DEE is supporting all State and Central Government schemes and line departments like ATMA, NABARD in activities related to animal husbandry.

Capacity building of livestock farmers is one of the important activities of the Directorate of Extension Education. All the 27 peripheral centres equipped with infrastructural facilities like LCD, audio visual aids and manned by expert faculty conduct both off-campus and on-campus training programmes that are designed to suit the location, culture and knowledge level of the trainees on animal production, animal health, marketing, products technology, farm business management, integrated farming systems etc.

The Directorate of Extension Education is rendering necessary technical support to the various schemes announced by the State and Central Government by organizing tailored training programmes for the benefit of the farming community.

Specialized programmes such as Farm Radio Schools comprising of a series of lessons delivered through All India Radio, Farm Schools of more than one month duration, Entrepreneurship Development Programmes etc. are being offered for the farmers to acquire necessary skills and in-depth knowledge.

Transfer of technology is another important activity of the Directorate of Extension Education. Information about package of practices, disease prevention and control strategies, new methodologies, timely interventions, recent advances etc. are being disseminated for the benefit of the end users. To facilitate the reach of information, the Directorate offers Farm Advisory and Consultancy Services to answer the farmer queries about problems on management, diseases control, cost minimization, profit maximization and project preparation and conducts awareness programmes, exhibitions, campaigns and mass contact programmes. Useful information and new research findings of the University are printed in the form of leaflets, folders, pamphlets and booklets and distributed to farmers which ensures wider reach and also facilitate easy storage of information by farmers for future reference. Audio and Video lessons are prepared by utilizing the well equipped video laboratory and distributed to the peripheral centres of the University, NGOs and line departments to serve as teaching tool for the farmers and end users. So far, 34 Video Lessons and 3 Audio Lessons on Animal Husbandry and Fisheries were prepared. The Directorate of Extension Education also liaisons with the leading dailies, magazines, television channels and All India Radio and regularly publishes and broadcasts timely information, disease forecasts, newer research findings, success stories etc. The University brings out a bimonthly popular journal "Kalnadai Kathir" in Tamil, a bimonthly research journal "Tamil Nadu Journal of Veterinary and Animal Sciences" and monthly "Newsletter" in English and "Cheithi Madal" in Tamil and messages are published through these periodicals.

For further understanding and effective utilization of the available time at the office premises Touch Screen Kiosks, a new initiative using ICT tools containing information on package of practices on livestock farming were installed at all the centres for the benefit of the farmers.

The directorate has established nine village information centres equipped with print, audio, video and electronic information tools for accessing information on Animal Husbandry and allied activities at Chitter, Vellore district, Puduthamaraipatti, Madurai district, Kuzhumani, Tiruchirapalli district, Varakalpattu and Kandrakottai of Cuddalore district, Kancheepuram and Maraimalai Nagar of Kancheepuram district and Aminjikarai and Pallikaranai of Chennai district. These village information centres are located in the community buildings and women SHG households for public access and are being managed successfully by the volunteers.

The Agricultural Technology Information Centre established under the financial assistance of Indian Council of Agricultural Research, located at Kattupakkam serves as a single window delivery system of information and services. The centre not only provides regular farm advisory services, training programmes, viable bank projects and disease diagnostic and soil and water testing services the farmers visiting the centre can has access to print and audio and video resources available in the library and also purchase products, critical inputs like different strains of livestock, poultry and fodder seeds, books, CDs etc. developed by the University.

Extension of services to the village level is another dimension of the activities of the Directorate of Extension Education. These activities include village adoption and Institute-Village linkage programmes to improve their livelihood options not only by organizing capacity building programmes but also providing critical inputs to start an activity. Besides, to solve the practical field problems of the livestock farmers, onfarm testing, on-farm trials and front-line demonstrations are regularly carried out.

To inculcate entrepreneurial skills and motivate livestock farmers to take up innovation, various business models are being promote through Public-Private-Partnership. The directorate constantly collaborates with

various funding agencies such as ATMA, NABARD, and Government and non-government organizations and organizes awareness and skill development programmes. During natural calamities, the directorate involves itself to rebuild the lives of the livestock farmers by providing animal health care and critical inputs.

The Directorate of Extension Education is also involved in the providing clinical and health care services to the livestock farmers. Animal Health Camps and Vaccination campaigns are frequently organized. As laboratory facilities are made available in each of the Farmers Training Centres, Krishi Vigyan Kendras and Veterinary University Training and Research Centres, clinical samples are screened for suggesting suitable remedial measures.

The Directorate of Extension Education periodically organizes the Endowment Lectures instituted by Tmt. Periakkal Paramasivam, Tamil Pannai in the name of Hon'ble Chief Minister of Tamilnadu Puratchi Thalaivi Selvi J Jayalalithaa by inviting eminent scientists in veterinary and animal sciences and allied fields to motivate the faculty as well as the students.

C N-	N	Sanctio	ned strength	No. ii	n position	No. vacant		
S. No.	Name of the centre	Teaching	Non-teaching	Teaching	Non-teaching	Teaching	Non-teaching	
1.	Directorate of Extension Education	3	14	2	9	1	5	
Veterina	Veterinary University Training and Research Centres							
2.	Coimbatore	3	5	3	3	0	2	
3.	Cuddalore	3	4	3	1	-	3	
4.	Dharmapuri	3	5	2	5	1	-	
5.	Dindigul	3	4	3	2	-	2	
6.	Erode	3	5	3	4	-	1	
7.	Karur	3	5	3	4	-	1	
8	Krishnagiri	3	4	3	3	-	1	
9.	Melmaruvathur	2	1	2	1	-	-	
10.	Nagapattinam	3	3	2	1	1	2	
11.	Nagercoil	3	3	2	2	1	1	
12.	Perambalur	3	3	2	1	1	2	
13.	Rajapalayam	3	3	2	2	1	1	
14.	Ramanathapuram	3	3	2	1	1	2	
15.	Salem	3	4	3	4	-	-	
16.	Thanjavur	3	4	3	1	-	3	
17.	Tiruchirapalli	3	5	3	3	-	2	
18.	Tirupur	3	6	3	4	-	2	
19.	Tiruvannanali	3	4	2	3	1	1	
20.	Vellore	3	4	2	1	1	3	
21.	Villupuram	3	4	2	3	1	1	
Farmer	rs Training Centres							
22.	Kancheepuram	3	4	2	2	1	2	
23.	Theni	4	4	3	2	1	1	
24.	Tiruvarur	3	4	2	1	1	3	
KrishiV	ViganKendras							
25.	Kancheepuram	7	9	7	5	-	4	
26.	Namakkal	7	9	7	7	-	2	
27.	Sivaganga							
28.	Villupuram II	7	9	2	1	5	8	

### 6.6.4.3. Extension Planning and Technological Impact:

In what way the extension planning help to support enterprises in adopting and deploying new technologies and in commercializing innovations? What is the mechanism in place to study the technological impact?

Information about package of practices, disease prevention and control strategies, new methodologies, timely interventions, recent advances etc. are being disseminated for the benefit of the end users. To facilitate the reach of information, the Directorate offers Farm Advisory and Consultancy Services to answer the farmer queries about problems on management, diseases control, cost minimization, profit maximization and project preparation and conducts awareness programmes, exhibitions, campaigns and mass contact programmes.

Useful information and new research findings of the University are printed in the form of leaflets, folders, pamphlets and booklets and distributed to farmers which ensures wider reach and also facilitate easy storage of information by farmers for future reference.

Audio and Video lessons are prepared by utilizing the well equipped video laboratory and distributed to the peripheral centres of the University, NGOs and line departments to serve as teaching tool for the farmers and end users. So far, 34 Video Lessons and 3 Audio Lessons on Animal Husbandry and Fisheries were prepared.

The Directorate of Extension Education also liaisons with the leading dailies, magazines, television channels and All India Radio and regularly publishes and broadcasts timely information, disease forecasts, newer research findings, success stories etc. The

University brings out a bimonthly popular journal "Kalnadai Kathir" in Tamil, a bimonthly research journal "Tamil Nadu Journal of Veterinary and Animal Sciences" and monthly "Newsletter" in English and "Cheithi Madal" in Tamil and messages are published through these periodicals.

### Mechanism in place to study the technological impact

The Directorate of Extension Education (DEE) is one of the constituent units of Tamil Nadu Veterinary and Animal Sciences University caters the needs of livestock farming community of Tamil Nadu. A network of 20 Veterinary University Training and Research Centres (VUTRC) located at Coimbatore, Cuddalore, Dharmapuri, Dindigul, Erode, Karur, Krishnagiri, Melmaruvathur, Nagapattinam, Nagercoil, Perambalur, Rajapalayam, Ramanathapuram, Salem, Thanjavur, Tiruchirapalli, Tiruppur, Tiruvannamalai, Vellore and Villupuram, three Farmers Training Centres (FTC) at Kancheepuram, Theni and Tiruvarur and four Krishi Vigyan Kendras (KVK) at Kattupakkam, Kundrakudi, Namakkal and Villupuram functioning under the technical and administrative control of the Directorate of Extension Education and the Department of Extension of the constituent colleges, Research Farms and various Laboratories located of TANUVAS are involved in the dissemination of information, implantation of various interventions and studying the technological impact.

### 6.6.4.4. Implementation of National Initiatives

Mention the status of implementation of Student Ready, green initiatives, Farmers First Scheme, *Mera Gaon Mera Gaurav*, NICRA and other similar schemes.

## **INTERNSHIP**

Name of Constituent	Course	Credit	Semester	Student Beneficiaries	Purpose
College	offered	Load		(Last 5 years)	
CFDT, Koduvalli	B.Tech (DT)	0+5	I &II	9	Entrepreuneurship/
CFD1, Kouuvaiii	B. Iech (D1)	0+3	(2017-18)	9	Skill development
	B.Tech (DT)	0+5	II &IV	9	Entrepreuneurship/
	B. Iech (D1)	0+3	(2017-18)	9	Skill development
	B.Tech (DT)	0+5	I &II	16	Entrepreuneurship/
	B. lech (D1)	0+5	(2018-19)	10	Skill development
CPPM, Hosur	B.Tech (PT)	0+5	VI	31	Entrepreuneurship/ Skill
CFFWI, HOSUI	B. Iecii (F I)	0+3	V I	31	development
	B.Tech (PT) 0+	0+9	VII	31	Entrepreuneurship/ Skill
	B. Iecii (F I)	0+9	V 11	31	development
	D Took (DT)	0+3	VIII	19	Special Problem-
	B.Tech (PT)	0+3	VIII	19	Poultry Technology
	D Took (DT)	0+1	VIII	19	Synopsis/discussion
	B.Tech (PT)	0+1	V III	19	writing
	D Took (DT)	0+20	VIII	10	In Plant training in
	B.Tech (PT)	0∓20	VIII	19	poultry industry

Name of the	Year	Outlay	Student Beneficiaries	Purpose
Constituent College		(Rs. in lakhs)	(last 5 years)	
MVC, Chennai	2017-18	28.50	229	Clinical Skill
	2017-16	28.30	229	development
VCRI, Namakkal	2019-20	13.06	73	Clinical Skill
	2019-20	13.00	/3	development
VCRI, Tirunelveli	2012-13 &		76	Clinical Skill
	2013-14		76	development
VCRI, Orthanadu	2012-13 &		Two Batches	Clinical Skill
	2013-14		Two batches	development

## STUDENT READY

## In Plant Training / Internship Programmes at CFDT, Koduvalli

**Objective :** To gain hands on experience and to become industry ready

Year	Semester	No. of students benefitted
2015	VIII	17
2016	VIII	21
2017	VIII	20
2018	VIII	41
2019	VIII	37

## **GREEN INITIATIVES**

## **Directorate of Extension Education**

Year	Title of the initiative
2014-15	National Initiative of Fodder technology Demonstration
2016-17	Farmer FIRST initiative of the Government of India was implemented at six villages of Tiruvallur
	District of Tamil Nadu
	National Food Security Mission (NFSM) – Cluster Frontline Demonstration
	National Fisheries Development Board (NFDB) -Introduction of GIFT Tilapia culture in farm ponds
	National Fisheries Development Board (NFDB) -Backyard freshwater ornamental fish culture
2017-18	National Food Security Mission (NFSM) – Cluster Frontline Demonstration
	National Mission on Oilseeds and Oil Palm (NMOOP) – Cluster Frontline Demonstration
2018-19	Additional new Krishi Vigyan Kendra at Villupuram under the administrative and technical control of
	TANUVAS was established.
	National Food Security Mission (NFSM) – Cluster Frontline Demonstration

# **Constituent colleges of TANUVAS**

Name of constituent college	Type of green initiative	Purpose	Beneficiaries	Outcome
Paperless initiatives				
MVC, Chennai VCRI,NKL	Whatapp groups -62	Discussion/sharing of study materials, web links videos, etc.	Students & Faculty	To facilitate better communication and sharing knowledge between staff and students.
MVC, Chennai	e signature- of controlling officers and HODs	Simplified authentication of document	Controlling officers and HODs	Reduces paper waste; faster & efficient process
MVC, Chennai, VCRI,NKL VCRI,OND CPPM,Hosur	Institutional email ids created-864		Faculty & students	To facilitate easy & rapid communication
MVC, Chennai; VCRI,NKL; VCRI,OND; VCRI,TNI; CFDT&CPPM	Biometrics -9	Centrally and accurately monitoring Staff and students attendance	Administrative staff and teaching faculty	Improves visibility to track and manage staff and students; autogeneration of reports
MVC, Chennai	Web based management of scholarships –online portals & Google forms-32	Improve collaboration/ interaction of single point information	Teaching faculty & students	Management made easier with user friendly location or time; easy access to staff and students
MVC, Chennai VCRI,NKL CFDT	Use of Smart Boards in Class rooms & seminar halls -11	Enhance teaching ;enriched learning experience	Teaching faculty & students	Reduces the mess of chalk usage; Visual & tactile learning and teaching method
<b>Energy Conservation</b>	methods			
MVC, Chennai; CPPM Hosur	Use of LED lights in campus -1059	Recycling and reduce the amount of carbon foot print; less energy usage	Public; Staff & students	Safe, cost effective; recyclable waste
VCRI,NKL; VCRI,TNI	Solar street lights and water heaters in campus and hostel @ 10 lakhs			
VCRI,TNI CFDT, Koduvalli CPPM, Hosur	Solar panel with 3KW capacity installed with a total capacity to generate 15 units of electricity per day; Solar Drier is installed for drying of grains and food			
Noise Free Generator VCRI,TNI	Noise free Green	Daduga naisa nallutian	Stoff & Studente	Noise free
VCRI OND	Genset -9 (15-250 KVA)	Reduce noise pollution	Staff & Students	environment

Rain water harvest	ing			
MVC, Chennai	Surface runoff and waste water from hostel-16	Use locally available rain water and treated water for sustainable water requirements throughout the year; irrigation of plantation	Staff and students	Facilitate uncontaminated water for college and hostel needs
VCRI,NKL	Pond covering 4 hectare was created to harvest rain water and will be used for recharging bore well and irrigation purpose Waste water from hostel used for irrigation			
Biomedical waste d			T 7 111 G 20 0	
MVC, Chennai	Waste segregation and recycling for organic manure generation within the campus – 3 tonnes  Biowaste disposal carried out by Tamil Nadu Waste Management Ltd.  With proper approval from the Tamil Nadu Pollution Control Board	Safe disposal of biowaste in compliance with TN State Govt. rules. Recycling of organic waste	Public; Staff & students	Workers, students safe and environment safe work place created
VCRI,NKL	Awareness programme on biowaste disposal and Centralised waste disposal unit; Biowaste disposal carried out by Tamil Nadu Waste Management Ltd. With proper approval from the Tamil Nadu Pollution Control Board			
VCRI,TNI	Segregated waste disposed through a contractual NGO following TN pollution control board biomedical waste management rule, 2016.			

	1			1
VCRI,OND	Segregated waste			
	disposed through			
	Tamil Nadu Pollution			
	Control Board			
	approved Enviro			
	Systems, Thanjavur			
Green cover on camp	, , ,			
MVC, Chennai	315 saplings planted	Conservation of	Public; Staff &	Facilitates clean air
, 6, 6	745 tree saplings	trees and biodiverse	students	and natural light for
	were planted in	ecosystem	Students	sustainable living;
	adopted villages;	Coosystem		easy to walk campus;
	234 trees identified;			conservation of
	Landscaping –			
				ecosystem
	~20 cents; roof			
	top garden; use			
	of sprinklers for			
	watering			
VCRI, NKL	1769 trees planted			
	and 200 species			
	identified			
VCRI,TNI	7,000 tree saplings			
	were planted and			
	irrigated through			
	drip irrigation			
	system. arded "Green			
	Campus" by the local			
	Rotary Club 2018.			
VCRI,OND	768 tree plantations;			
	Establishment of			
	Herbal garden			
	with plantation of			
	24 types of herbal			
	plants and 8 types of			
	medicinal trees in 10			
	acres			
CFDT,Koduvalli	100 tree saplings			
	planted			
CPPM,Hosur	1000 tree saplings			
Plastic free campus	1000 tree suprings			
MVC, Chennai	Reusable glasswares,	Reduce plastic waste	Staff & students	Conserve
, Chemiai	vessels etc. jute	reduce plustic waste	Starr & Stadents	environment and
	stationaries,			prevent health hazard
	recyclable paper			prevent hearth hazald
	bags; avoid of			
	single use plastics in			
VCDI NIZI	campus			
VCRI,NKL;	Awareness			
VCRI,OND	programme and			
	campaign on plastic			
	free campus			

## EXPERIENTIAL LEARNING PROGRAMME

## **Madras Veterinary College, Chennai**

Year	No. Projects undertaken	Project details	No. of students	Income generated	Monetary share for students
			trained	(in Rs.in lakhs)	(Rs.lakhs)
2014-15	1	Critical care and inpatient clinical care	120	-	-
2015-16	1	Critical care and inpatient clinical care	120	-	-
2016-17	1	Critical care and inpatient clinical care	120	2.30	-
2017-18	1	Critical care and inpatient clinical care	100	66.97	-
2018-19	3	Critical care and ICAR experiential learning on broiler production inpatient clinical care	110	57.80	-
		ICAR experiential learning on broiler production	19	2.65	26507
		ICAR ELU Animal blood bank	150	-	2250
2019	3	Critical care and inpatient clinical care	25	56.05	18800
up to		ICAR experiential learning on broiler	19	2.65	26507
30.11.19		production			
		i) ICAR ELU Animal blood bank	10	-	1500

## **Entrepreneural Training**

Year	No. Projects undertaken	Project details	No. of students trained	Income generated (in Rs.in lakhs)	Monetary share for students (in Rs.)
2014-15	2	Entrepreneurial training programme on mineral mixture production mineral mixture production	20	0.35	3500
		Entrepreneurship programme on Value added meat products	26	0.91	65
2015-16	3	Preparation of various dairy products  Entrepreneurial training programme on mineral mixture production mineral mixture production	30	0.34	1048
		Entrepreneurship programme on Value added meat products	20	0.36	3600
		i)Entrepreneurship programme on Value added meat products	20	0.66	57
2016-17	1	Entrepreneurial training programme on mineral mixture production mineral mixture production	10	0.29	37
2017-18	2	Entrepreneurship programme on Value added meat products	20	0.38	3800
		Entrepreneurial training programme on mineral mixture production mineral mixture production	10	0.46	48
2018-19	3	Entrepreneurship programme on Value added meat products	10	0.84	8350
		Preparation of milk products	20	1.03	67
2019 up to 30.11.19	3	Entrepreneurial training programme on mineral mixture production mineral mixture production	1	1.19	6660
		Entrepreneurship programme on Value added meat products	1	0.84	8400
			20	0.73	59

## VCRI, Namakkal

- Setting up of facilities for hands on training on feed manufacturing technology
- Setting up of facilities for hands on training on commercial pig rearing
- Establishment of a model demonstration unit for processing of milk and preparation of value added milk products

ICAR scheme	ICAR scheme on experiential learning - Setting up of facilities for hands on training on feed manufacturing				
		technology (	Seed money- 50 lakhs)		
Financial	Batch of	No. Of students	Total dividend	Dividend share	Total quantity
year	students	(BVSc&AH)	disbursed to students	per student	of feed
		participated	(Rs. In lakhs)	(Rs. In lakhs)	produced (kg)
2015-2016	2013-14	69	0.68	0.00988	88,039
2016-2017	2014-15	19	0.64	0.03406	90,584
2017-2018	2015-16	58	1.33	0.02306	1,23,915
2018-2019	2016-17	80	1.91	0.02397	1,29,940

ICAR so	ICAR scheme on experiential learning - Setting up of facilities for hands on training on commercial pig rearing (seed money 22 lakhs)				
Financial Batch of year students (BVSc&AH) disbursed to students participated (Rs. In lakhs)  No. Of students Total dividend Dividend share per student animals sold (Rs. In lakhs)					
2015-2016	2013-14	20	0.31	0.01	21
2016-2017	2014-15	19	0.51	0.02	35
2017-2018	2015-16	20	1.05	0.05	51
2018-2019	2016-17	30	1.59	0.05	75

ICAR expe	ICAR experiential learning programme on Establishment of a model demonstration unit for processing of					
	milk and preparation of value added milk products					
Financial	Financial Batch of No. Of students Total dividend disbursed Dividend share per Value					
year	students	(BVSc&AH)	to students	student	added dairy	
		participated	(Rs. In lakhs)	(Rs.in lakhs)	products	
2018-2019	2016-17	32	0.40	0.01		

The above ELP modules are functioning successfully and students are acquiring entrepreneurial skills of manufacturing / producing and marketing. The profit share of 75% is disbursed to students as dividend annually.

## **Entrepreneurial Training Programme**

In Broiler production project Rs.850/student distributed to 15 students as profit share.

## VCRI, Tirunelveli

Since this college is functioning from 2012 only, ELP module has not been undertaken. However, as per the VCI regulations 2008, Entrepreneurial Training Programme on various farming and non farming sectors are being taken up by the students during their third year programme and the profit generated through the various ETP programmes (average of Rs.5,000 per student) was distributed to the students.

## VCRI, Orthanadu

Since this college is functioning from 2012 only, ELP module has not been undertaken. However, as per the VCI regulations 2008, Entrepreneurial Training Programme on various farming and nonfarming sectors are being taken up by the students during their third year programme and the profit generated through the various ETP programmes (average of Rs.2, 000 per student) was distributed to the students.

Year	ETP Programme (Individual programme wise)	Department	No. of Students involved	Total revenue generated in lakhs Rs	Profit per student in lakhs Rs
2015	ETP on Milk Products	LPT	8	0.33	0.01
2015	ETP on Meat production and processing	LPT	4	0.68	0.03
2015	Diversified poultry farming	LFC	4	0.37	0.02
2015	Diversified poultry farming	LFC	5	0.41	0.01
2015	Broiler and egg production	LFC	5	0.40	0.023
2015	Pig Production	LFC	4	0.45	0.03
2015	Diversified poultry farming	LFC	5	0.44	0.02
2015	Broiler poultry farming	LFC	5	0.35	0.01
2016	ETP on Milk Products	LPT	6	0.39	0.02
2016	ETP on Meat Production and processing	LPT	5	0.34	0.02
2016	Goat Farming	LFC	5	0.36	0.02
2016	Diversified poultry farming	LFC	5	0.42	0.02
2016	Pig rearing	LFC	5	0.56	0.06
2017	ETP on Milk Products		3	0.23	0.03
2017	ETP on Meat production and processing	LPT	3	0.32	0.05
2017	Diversified poultry farming	LFC	4	0.42	0.03
2017	Diversified poultry farming	LFC	5	0.54	0.07
2018	ETP on Milk Products	LPT	7	0.39	0.02
2018	ETP on Meat production and processing	LPT	8	0.66	0.03
2018	Goat Production	LFC	7	0.40	0.04
2018	Pig farming	LFC	7	0.93	0.05
2018	Dairy production	LFC	7	0.41	0.01
2018	Broiler and egg production	LFC	7	0.44	0.02
2018	Diversified poultry	LFC	7	0.57	0.02
2018	Entrepreneurial training on sheep farming	LFC	7	0.47	0.02
2019	ETP on Milk Products	LPT	8	0.35	0.01
2019	ETP on Meat production and processing	LPT	9	0.39	0.01
2019	Broiler egg production	LFC	9	0.47	0.02
2019	Goat Production	LFC	9	0.47	0.03
2019	Poultry farming (Quail)	LFC	9	0.53	0.02
2019	Sheep production	LFC	9	0.50	0.02
2019	Pig Production	LFC	9	0.52	0.01
2019	Goat Production	LFC	9	0.47	0.03

## CFDT, Koduvalli

- ❖ The experiential programme on "Processing of Milk and Milk Products" was started in this College on 31.03.2012 with a financial outlay of Rs.95.25 lakhs.
- ❖ On 30.09.2015, accrued interest rate to the tune of Rs.11.13 lakhs was returned to the University. Seed money to the tune of Rs.5.64 was generated during the process and 17, 21 and 20 number of B.Tech (Food Technology) students belonging to 2011-12, 2012-13 and 2013-14 were the beneficiaries.
- ❖ During the year 2017-18, 21 B.Tech (Dairy Technology) students were given Rs.0.18 lakhs as Students Share and 18 B.Tech (Food Technology) students were given Rs.0.13 lakhs as Students Share.
- ❖ During the year 2018-2019, 19 B.Tech (Dairy Technology) students were given Rs.0.72 lakhs as Students Share and 18 B.Tech (Food Technology) students were given Rs.0.43 lakhs as Students Share.

## Present status of All ELP modules

S.No	Year	Name of Experiential	No. of Students	Revenue generated
		Programme	benefitted	(Rs. In Lakhs)
1	2014-2015	"Processing of Milk	17	ELP module standardization work.
2	2015-2016	and Milk Products"	21	No revenue shared to students
3	2016-2017	with a budget outlay of	20	but seed money @ Rs.5.26 lakhs
		Rs.95.25 lakhs		generated
4	2017-2018		39	0.32
5	2018-2019		37	1.16

## 1. Farmer FIRST Programme

The Farmer FIRST Programme funded by ICAR is being implemented by the Directorate of Extension Education, TANUVAS at six villages viz. Thanneerkulam, Kilambakkam, Koyambakkam, Melakondaiyur, Karaiyanmedu and Bandikavanoor of Tiruvalur District since 24.02.2017 with an objective to double the farmer's income. Based on thorough study of the needs of the farmers and the problems faced by them interventions were planned and implemented. The major achievements are

## A. Agriculture based module

- Seed treatment using bio-control agents
- ❖ A shift from use of chemical fertilizers to bio-fertilizers
- Use of pheromone traps and reduction in the quantity of pesticides
- Prevention of production losses due to weeds by the application of weedicides
- ❖ Use of farm implements to address labour shortage and reduction in cost of labour
- Production and usage of vermi-compost

## B. Horticulture based module

- Use of micro-nutrients for increased quality produce
- ❖ Mechanization of farm operation to address the labour shortage
- Integration of apiculture units for extra income
- Drip and mulching units for the management of water scarcity and to conserve water
- Use of certified and hybrid seeds

## C. Livestock based module

- Rearing of improved strains of desi birds for increased meat and egg production
- ❖ Use of their own community hatchery to hatch their eggs
- Supplementation of desi-birds with concentrated feed for more weight gain and egg production
- ❖ Following proper vaccination methods for the prevention of diseases
- Rearing of Japanese quails to increase the household income
- Supplementation of dairy cows with mineral mixture to prevent repeat breeding
- \* Conservation of native breeds of cattle with A2 milk which has significant health benefits
- Prevention of mastitis by the use of teat spray
- ❖ Value addition of milk

## 2. NICRA Scheme

NICRA scheme has been promoted in 11<sup>th</sup> five year plan by the Indian Council of Agricultural Research (ICAR) under the technical leadership of Central Research Institute for Dry land Agriculture (CRIDA), Hyderabad. NICRA at Namakkal is being initiated in 2011 by Krishi Vigyan Kendra of Tamil Nadu Veterinary and Animal Sciences University at Vadavathur village which has recorded an average rainfall of only 400 mm for the past 26 years. The village has 829 families with the population of 2850 and they were benefited under

NICRA in different modules. Introduction of new climate resilient technologies in Agriculture, Horticulture, Livestock, Poultry and fisheries, Rain water Storage structures and Custom Hiring Centre (CHC) for farm implements are the major activities of the scheme and it made sustenance in livelihood of the farmers.

## Activities carried out since 2011

## 1. Natural Resource Management

- a. Renovation of Community Ponds: Senkuttai, Aayiramkuttai, Periyakalingikuttai, Ponnankannikuttai.
- b. Lining of Temporary Water Storage Ponds

## 2. Crop production

- a. Drought resistant, short duration, Pest and disease resistant variety.
- b. Integrated Pest and Disease management practices in small onion

## 3. Livestock and Fisheries Management

- a. Introduction of superior germ plasm
- b. Construction of improved shelters for reducing heat stress in livestock and poultry
- c. Green fodder development and Disease preventive measures

## 4. Institutional Interventions

a. Custom Hiring Farm Implements

## **NICRA** Achievements

The following achievements has made in the village

- Four Community ponds helped to recharge the water level in 354 bore wells and 135 open wells that led to increase the cropping intensity and area in NICRA village.
- Lining of farm ponds (49 form ponds) help to increase the cropping intensity in NICRA village.
- ❖ Panthal vegetable cultivation (7 farmers) and Jasmine cultivation (21 farmers) helped to improve their regular income.
- Night shelter for poultry (47 sheds) helped to prevent the chicks from heat, rain and natural enemies.
- ❖ Livestock Vaccination and deworming (5435 desi birds and small ruminants) helps to prevent disease outbreak in NICRA village.
- Introduced fish farming (9 farmers) at NICRA village that leads extra income to farmers.
- ❖ Fodder cover sheets (for 106 dairy farmers) helps to farmers to prevent fodder from heat and rain for long time.
- ❖ Improved shelter for sheep and goat (for 24 farmers) is used to prevent heat and rain that leads minimize the death rate and maximise the productivity.
- Introducing NARI swarna ram (18 numbers) to improve twinning in sheep farm.
- Aavin milk society has been created in Vadavathur resulted now as 3 aavin and one private (Hudson) societies to procure 1820 lts of milk per day from the village.
- Agricultural implements available in required time at low cost in NICRA village through custom hiring centre (Thalamalayan Pasumai Iyakkam) made the farmers self empowered.
- New Bank branch (Indian Bank) created in Vadavathur to easy transaction of farmers.
- **Solution** Bus facility created to Namakkal *Uzhavar santhai* (Farmers Market) to carry their agro products.

## 6.6.4.5. Innovation and Best Practices

What are the innovative efforts of an institution that help in its excellence in extension?

Year	Name of the new technology innovation	Beneficiaries	Impact analysis
2016-17	The Directorate of Extension Education developed two	Public access	-
	mobile apps viz. "TANUVAS Training Calendar" with	for livestock	
	modules on event creation, voice call, text SMS, adding	farmers	
	member, grouping members and hierarchical model and		
	"Cow weight Calculator" with modules on cow weight		
	calculation and feeding and the same were hosted.		
2017-18			
2018-19	The mobile app entitled "Smartsivaganga Mobile App"	Public access	
	joitly developed by TANUVAS and Sivaganga District	for livestock	
	Administration to promote transparency in the imple-	farmers	
	mentation of Government schemes and to improve the		
	livelihood and welfare of the farmers in the rural areas		
	of Sivaganga District was developed and launched at a		
	function organized at the Collectorate campus, Sivagan-		
	gai on 14.04.2018.		

## 6.6.4.6. Consultancy/Certification/Testing

Mention about the resources generated through Consultancy/ Certification/Testing etc. in last five years. Give details of all activities. Give summary of participation of faculty in Consultancy/Certification/Testing and outreach programmes.

## Details of consultancy projects in the last five years

Year	Name of Consultancy projects	Purpose	Revenue generated (Rs.in lacs)
2014-15	Effect of herbal amino acid (Methiorep) supplementation on the productive performance of hybrid layer chicken - Ayurvet Ltd, Katha Village, Himachal Pradesh	Validation of products	6.47
	Comparative efficacy evaluation of Herbal liver tonic (Superliv. conc.premix) on growth performance, nutrient utilization & carcass traits in broilers - Ayurvet Ltd, Katha Village, Himachal Pradesh		2.06
	Performance of commercial broilers treated with herbal probiotics as a spray and or as a feed supplement - M/s. Zero Waste Agro Organics Ltd., Pune		5.83
	Evaluation of efficacy of Fipronil (S) and Methoprene Spot on formulation against ticks and fleas in naturally infested Dogs - M/s. SAVAVET, Sava Health Care Limited, Pune		0.94
	Studies on supplementation of protease, multienzymes and lysophospholipids on growth performance of broilers - M/s. Kemin Industries South Asia Pvt. Ltd., Chennai		5.02
	Comparative efficacy study of Geriforte Vet powder and Geriforte Vet liquid with Levamisol in commercial broilers - M/s. Himalaya Drug Compnay, Mekali, Bangalore		1.39
	Clinical trial on their efficacy of Thrombup (containing extracts of <i>Carica papaya</i> leaf and <i>Tinospora cordifolia</i> ) in dogs with thrombocytopenia - M/s. Phyto Specialities Pvt. Ltd		0.65

2015-16	Early nutrition (Chikimune) and natural growth promoter on the performance and immunity in commercial broiler chicken -	1.37
	Ayurvet Ltd, Katha Village, Himachal Pradesh  Efficacy and safety study of recombinant porcine cysticercosis vaccine (TSOL 18 Vaccine) in Pigs - M/s. Indian Immunologicals Ltd., Hyderabad	8.69
2016-17	Efficacy evaluation of nutritional supplements to dairy herd in relevance to milk production - M/s. Ayurvet India Ltd.	0.85
	Efficacy of commercial products in optimizing milk production in crossbred dairy cows during summer stress - M/s. Ayurvet India Ltd.	0.67
	Validation studies on the efficacy of KemTRACE® Broiler and different organic trace minerals on the performance of commercial broilers - Kemin Industries South Asia Pvt. Ltd	4.00
	Evaluation of VARAM (a growth promoter) on the production performance of broiler chicken - Evaluation of VARAM (a growth promoter) on the production performance of broiler chicken	6.35
2017-18	Effect of supplementing IntelliBond trace minerals (Cu, Zn & Mn) on egg quality and performance of layers - Nutreco, The Netherlands	16.62
	Validation studies on the efficacy of JubiDOL on the metabolic energy sparing effect with different commercial oils and fats added to the broiler feed and production performance of commercial broilers - Jubilent Life Sciences Ltd., Noida	3.63
	Efficacy evaluation of supplementation of antibiotic growth promoter replacer on improving nutrient utilization, production and health performance in broilers - Jubilent Life Sciences Ltd., Noida	4.05
	Efficacy of natural coccidiostat feed additive in commercial broilers - AVT Natural Products Ltd., Kerala	4.05
2018-19	Exploring the possibility of incorporation of AFTD salt in mineralized salt lick for ruminants and its validation - EID Parry (India) Ltd., Chennai	3.68
	Validating the effect of feeding ADDON®-Rumen support on lactation yield and health parameters in lactating animals during summer season - VIRBAC Animal Health India Pvt. Ltd., Mumbai	9.11
	Validating the combined effect of rumen protected methonine and rumen protected lysine on performance of dairy cattle during lactation - Jubilant Life Sciences Ltd., Noida	12.89
	Validating the efficacy of Nano Silver (Ag NP-124) as an egg shell sanitizer on the keeping quality of table eggs and hatchability performance of fertile eggs - Dhanvantari Nano Ayushadi Pvt. Ltd., Chennai	9.24

## Other Salient / Notable extension activities conducted in last five years

Year	Name of the extension activity	Beneficiaries (Type and No.)
2014-15	A workshop and an exhibition on "Sustenance in Livestock and Poultry rearing through family farming" at Madurai on 01.08.2014 and 02.08.2014.	More than 500 farmers from various districts of Tamil Nadu and college students of Madurai District had registered for the workshop and benefitted and the exhibition was visited by public in large numbers.
	A total of six Zonal workshops on 'Field Problems and Solutions in Veterinary and Animal Husbandry Practices' to identify the location specific needs of farmers were conducted.	631 participants comprising of farmers, scientists and entrepreneurs participated.
	A two-day Extension Media Linkage Interface on "Promoting the market potentials of livestock and poultry" funded by ICAR in collaboration with All India Radio, Chennai was conducted at Tiruchirapalli on 29.12.2014 and 30.12.2014.	A total of 72 Subject Matter Specialists from various KVKs of Tamil Nadu and faculty members of TANUVAS participated.

2015 17	TANDUMAGE 14 D 2015 11 : :	M 4 7000 C 11/14 11/11 11
2015-16	TANUVAS Foundation Day 2015 and Livestock	More than 5,000 farmers visited the exhibition and about
	and Poultry Farmers Day – 2015 was organized at	2,000 farmers and 500 school students have registered for
	Kalaiarangam Thirumana Mandapam, Tiruchirapalli on 19.09.2015 and 20.09.2015.	the knowledge sharing sessions.
	the Honourable Chief Minister Puratchi Thalaivi	The faculty members of TANUVAS
	Selvi J Jayalalithaa Endowment Lecture was	The faculty members of TANOVAS
	1	
	organized at Madras Veterinary College on 30.09.2015. Dr. K.M.L. Pathak, Deputy Director	
	General (Animal Science), ICAR, New Delhi	
	delivered the Endowment Lecture on "Enhancing	
	livestock and poultry productivity for food	
	security"	
	Flood relief camp - Special Animal Health camp at	1200
	Cuddalore Special 7 minual Fleatin camp at	1200
2016-17	TANUVAS Foundation Day 2016 and Livestock	More than 6000 farmers
2017-18	and Poultry Farmers Day – 2016 was organized at	Wore than 6000 farmers
	Kalaiarangam Thirumana Mandapam, Tiruchirapalli	
	on 18.09.2016 and 19.09.2016.	
	The Directorate of Extension Education developed	Public access
	two mobile apps viz. "TANUVAS Training	
	Calendar' with modules on event creation,	
	voice call, text SMS, adding member, grouping	
	members and hierarchical model and "Cow	
	weight Calculator" with modules on cow weight	
	calculation and feeding and the same were hosted.	
	TANUVAS Foundation Day 2017 was celebrated at	More than 6000 farmers
	Dindigul on 10.11.2017	
2018-19	The mobile app entitled "Smartsivaganga Mobile	Public access
	App" joitly developed by TANUVAS and	
	Sivaganga District Administration to promote	
	transparency in the implementation of Government	
	schemes and to improve the livelihood and welfare	
	of the farmers in the rural areas of Sivaganga	
	District was launched at a function organized at the	
	Collectorate campus, Sivagangai on 14.04.2018.	70.6
	The Directorate of Extension Education,	50 farmers
	TANUVAS organized a Farmer-Scientist Interaction	
	Meet under Farmer FIRST Programme funded by ICAR on 23.05.2018 at Koyambakkam, one of the	
	six identified villages.	
	-	50 formers 20 officers from the Department of Animal
	A one-day workshop on "Identifying the needs of dairy farmers in North Eastern zones of	50 farmers, 20 officers from the Department of Animal Husbandry and Veterinary Services, Government of Tamil
	Tamil Nadu" sponsored by National Institute of	Nadu and 15 research scholars of MVC
	Animal Biotechnology (NIAB), Hyderabad was	17adu and 13 research scholars of May C
	jointly organized by the Directorate of Extension	
	Education, TANUVAS and NIAB at MVC on	
	25.09.2018.	
	A Farm Radio School on "Sheep and goat rearing"	79 farmers
	comprising of 13 lessons was conducted	17 Immets
	Comprising of 15 lessons was conducted	

## Training programmes conducted in the last five years

## **On-campus training programmes**

	Name of the extension	No		Beneficia	ries (Typ	e and No.)		Tot	
Year	Name of the extension activity	No. conducted		SC		ST	Others	benefic	iaries
		conducted	Men	Women	Men	Women	Men	Women	
2014-15	Dairy farming	113	370	452	13	5	1431	565	2836
	Goat farming	144	435	414	15	4	2686	1075	4629
	Poultry farming	108	297	104	29	45	2114	590	3179
	Broiler farming	21	64	6	23	30	370	34	527
	Turkey farming								
	Japanese quail								
	Pig farming	19	55	1	2	2	234	14	308
	Rabbit farming	15	44	53	2	-	140	139	378
	Value added milk and milk products								
	Preparation of value added meat and meat products	5	8	-	1	1	45	18	73
	Preparation of value added fish and fish products	3	2	8	-	-	20	43	73
	Home science	34	67	235	4	3	141	333	783
	Horticulture	38	160	37	-	-	839	364	1400
	Agronomy	26	227	67	-	-	954	153	1401
	Integrated farming	14	23	109	-	-	141	250	523
	Agricultural engineering	4	13	5	-	-	28	12	58
	Fodder production	43	44	123	1	27	619	338	1152
	Livestock rearing	22	42	82	-	-	162	164	450
	Calf rearing	2	4	6	-	-	21	12	43
	Livestock disease management	10	3	22	3	12	86	62	173
	Management of repeat breeding in cattle	6	6	12	-	-	33	24	75
	Artificial insemination	4	35	-	-	-	128	16	110
	Aquaculture	3	-	-	-	-	18	8	26
	Ethno veterinary practices	4	23	6	-	-	102	15	146
	Total	673	2612	1767	113	148	10879	4299	19131
2015-16	Dairy farming	144	483	311	21	22	1966	859	3662
	Goat farming	166	340	549	18	8	2005	895	3815
	Poultry farming	140	484	192	31	6	2996	684	4393
	Broiler farming	19	69	89	-	2	187	94	441
	Turkey farming	5	6	35	-	7	51	32	131
	Japanese quail	23	55	29	10	5	364	86	549
	Pig farming	24	59	2	23	13	192	9	298
	Rabbit farming	20	13	1	3	2	138	28	185
	Value added milk and milk products	18	11	42	1	7	83	180	324
	Preparation of value added meat and meat products	4	2	2	-	3	9	57	73
	Preparation of value added fish and fish products								
	Home science	42	57	68	-	-	852	414	1391
	Horticulture	51	113	66	6	-	720	381	1286
	Agronomy								
	Integrated farming	22	88	35	8	6	515	180	832
	Agricultural engineering	1	4	-	-	-	21	-	25
	Fodder production	53	132	75	11	9	744	369	1340
	Livestock rearing								
	Calf rearing	2	5	9	3	5	22	41	85
	Livestock disease	22	67	21	8	13	265	97	471
	management		07	21	"	13	203	71	7/1

	1		1						
	Management of repeat breeding in cattle	19	30	44	10	7	198	194	483
	Artificial insemination	6	15	_	-	-	43	5	63
	Aquaculture								
	Ethno veterinary practices	12	22	_	_	-	35	9	66
	Total	839	2143	1893	184	154	11597	5067	21038
2016-17	Dairy farming	382	844	553	37	43	5694	1674	8845
	Goat farming	230	562	473	28	7	2284	934	4288
	Poultry farming	240	858	491	23	18	4068	1270	6728
	Broiler farming	10	22	19	1	0	77	67	186
	Turkey farming	3	4	23	0	0	74	82	183
			+			-			
	Japanese quail	19	31	20	2	1	96	62	212
	Pig farming	22	39	37	0	0	120	76	272
	Rabbit farming	32	22	32	0	0	172	142	368
	Value added milk and milk products	14	34	63	2	1	93	100	293
	Preparation of value added meat and meat products	6	12	14	1	0	42	48	117
	Preparation of value added fish and fish products	9	7	4	5	0	76	12	104
	Home science	30	33	57	21	7	179	155	452
	Horticulture	28	50	38	0	0	491	367	946
	Agronomy	53	70	17	5	0	685	282	1059
	Integrated farming	18	24	50	0	0	160	118	352
	Agricultural engineering					-			
	Fodder production	18	35	39	0	0	187	117	378
	Livestock rearing	6	6	5	0	0	35	27	73
	Calf rearing	4	12	11	0	0	33	38	94
	Livestock disease	4	12	11	0	U	33	30	74
	management	3	5	8	0	0	27	26	66
	Management of repeat breeding in cattle	12	8	20	2	1	166	62	259
	Artificial insemination	3	1	3	3	4	26	27	64
	Aquaculture								
	Ethno veterinary practices	33	68	23	2	1	608	73	775
	Total	1175	2747	2000	132	83	15393	5759	26114
2017-18	Dairy farming	296	733	286	16	7	3586	1219	5847
	Goat farming	242	704	263	33	23	3197	823	5043
	Poultry farming	264	1144	281	17	23	5469	1032	7966
		_0.	1 ** ' '	-01					
	Broiler farming	60	78			4	492	302	930
	Broiler farming	60	78 4	54	-	4	492	302	930
	Turkey farming	7	4	54		4	20	9	33
	Turkey farming Japanese quail	7 33	4 53	54 - 25		-	20 281	9 74	33 495
	Turkey farming Japanese quail Pig farming	7 33 16	4 53 50	54 - 25 22	- - - 5	- - 1	20 281 161	9 74 27	33 495 266
	Turkey farming Japanese quail Pig farming Rabbit farming	7 33	4 53	54 - 25		-	20 281	9 74	33 495
	Turkey farming Japanese quail Pig farming Rabbit farming Value added meat and meat products	7 33 16	4 53 50	54 - 25 22	- - - 5	- - 1	20 281 161	9 74 27	33 495 266
	Turkey farming Japanese quail Pig farming Rabbit farming Value added meat and meat products Value added milk and milk products	7 33 16 18	4 53 50 64	54 - 25 22 5	- - - 5	- - 1	20 281 161 125	9 74 27 21	33 495 266 216
	Turkey farming Japanese quail Pig farming Rabbit farming Value added meat and meat products Value added milk and milk	7 33 16 18 2	4 53 50 64 4	54 - 25 22 5	- - - 5 -	- - 1 -	20 281 161 125 30	9 74 27 21 5	33 495 266 216 41
	Turkey farming Japanese quail Pig farming Rabbit farming Value added meat and meat products Value added milk and milk products Preparation of value added	7 33 16 18 2 14	4 53 50 64 4 16	54 - 25 22 5 1	- - 5 - 1	- - 1 - -	20 281 161 125 30 66	9 74 27 21 5 36	33 495 266 216 41 127
	Turkey farming Japanese quail Pig farming Rabbit farming Value added meat and meat products Value added milk and milk products Preparation of value added fish and fish products	7 33 16 18 2 14	4 53 50 64 4 16 26	54 - 25 22 5 1	- - 5 - 1	- - 1 - -	20 281 161 125 30 66 160	9 74 27 21 5 36 22	33 495 266 216 41 127 208
	Turkey farming Japanese quail Pig farming Rabbit farming Value added meat and meat products Value added milk and milk products Preparation of value added fish and fish products Home science Horticulture	7 33 16 18 2 14 12 30	4 53 50 64 4 16 26 46	54 - 25 22 5 1 9 - 53	- - 5 - 1	- 1 - - -	20 281 161 125 30 66 160 210	9 74 27 21 5 36 22 258	33 495 266 216 41 127 208 567 1128
	Turkey farming Japanese quail Pig farming Rabbit farming Value added meat and meat products Value added milk and milk products Preparation of value added fish and fish products Home science Horticulture Agronomy	7 33 16 18 2 14 12 30 31 43	4 53 50 64 4 16 26 46 52 113	54 - 25 22 5 1 9 - 53 17 24	- - - 5 - 1	- 1 - - -	20 281 161 125 30 66 160 210 878 680	9 74 27 21 5 36 22 258 181 399	33 495 266 216 41 127 208 567 1128 1216
	Turkey farming Japanese quail Pig farming Rabbit farming Value added meat and meat products Value added milk and milk products Preparation of value added fish and fish products Home science Horticulture	7 33 16 18 2 14 12 30 31	4 53 50 64 4 16 26 46 52	54 - 25 22 5 1 9 - 53 17	- - - 5 - 1	- 1 - - -	20 281 161 125 30 66 160 210 878	9 74 27 21 5 36 22 258 181	33 495 266 216 41 127 208 567 1128

	Livestock rearing	26	29	76	_	-	95	198	398
	Calf rearing	7	5	1	-	-	51	26	83
	Livestock disease management	16	10	4	-	-	243	79	336
	Management of repeat breeding in cattle	12	23	8	-	-	137	43	211
	Aquaculture	14	51	4	-	-	197	25	277
	Ethno veterinary practices	11	11	1	1	-	185	78	276
	Azolla cultivation	22	14	2	-	-	100	30	146
	Hydroponics	15	35	8	-	-	157	35	236
	Total	331	606	282	8	2	4290	1793	6915
2018-19	Dairy farming	272	602	407	23	4	3178	1122	5109
	Goat farming	176	436	162	113	14	2554	461	3776
	Poultry farming	203	747	253	17	5	3856	1129	6011
	Broiler farming	7	23	6	21	2	154	13	219
	Turkey farming	7	2	1	0	0	25	6	34
	Japanese quail	24	49	4	1	0	219	25	298
	Pig farming	25	57	10	4	0	192	44	288
	Rabbit farming	18	27	2	0	0	146	64	239
	Value added milk and milk products	10	19	6	0	0	65	44	134
	Preparation of value added fish and fish products	4	5	0	0	0	70	24	99
	Home science	23	9	34	14	27	106	348	538
	Horticulture	67	199	109	0	0	1969	433	1945
	Agronomy	103	337	184	0	0	1636	558	2715
	Integrated farming	22	69	11	1	0	260	192	533
	Fodder production	33	60	25	8	37	282	142	556
	Livestock rearing	14	11	107	2	1	162	174	457
	Calf rearing	3	5	13	0	0	29	23	70
	Management of repeat breeding in cattle	12	5	223	0	0	43	512	783
	Aquaculture	59	141	113	63	29	851	348	1605
	Ethno veterinary practices	11	30	14	1	0	255	141	441
	Azolla cultivation	55	65	92	6	2	459	222	846
	Hydroponics	31	28	58	0	0	236	123	445
	Total	31	28	58	0	0	236	123	445

## Off-campus training programmes

	NI C 41	NT.		Ben	eficiaries	(Type and I	No.)		T-4-1
Year	Name of the extension activity	No. conducted		SC		ST	Others		Total beneficiaries
	extension activity	conducted	Men	Women	Men	Women	Men	Women	Deficienciaries
2014-15	Dairy farming	102	424	950	65	117	1090	1522	4168
	Goat farming	153	231	1849	49	131	739	3207	6206
	Poultry farming	60	260	269	43	57	787	793	2209
	Broiler farming	8	22	13	-	-	64	36	135
	Turkey farming	2	-	10	-	-	-	31	41
	Japanese quail	1	2	-	-	-	12	3	17
	Pig farming	2	11	5	-	-	5	1	22
	Rabbit farming	2	12	17	-	-	8	6	43
	Value added milk and milk products	89	15	689	-	240	68	1254	2264
	Preparation of value added fish and fish products	1	-	-	-	-	-	38	38
	Home science	19	100	189	-	7	63	350	709
	Horticulture	23	105	26	-	-	282	262	989
	Agronomy	43	363	102	-	-	712	287	1464

	Integrated farming	18	9	79	T -	_	539	364	991
	Agricultural	1	_	-	_	_	25	-	25
	engineering				-	_			
	Fodder production	35	53	83	-	-	517	411	1064
	Livestock rearing	30	383	298	202	205	996	754	2838
	Calf rearing	1	8	-	-	-	16	-	24
	Livestock disease	14	37	51	_	_	212	221	521
	management								
	Management of repeat breeding in cattle	6	94	17	-	-	64	52	227
	Artificial insemination	1	-	-	-	-	30	-	30
	Aquaculture								
	Ethno veterinary practices	19	8	8	-	-	951	88	1055
	Total	630	2135	4155	359	757	7180	9680	24733
2015-16	Dairy farming	184	383	1736	46	189	2389	3988	8731
	Goat farming	200	312	2771	24	324	1150	5034	9615
	Poultry farming	52	112	267	-	5	558	636	1578
	Broiler farming	14	5	157	-	1	81	130	374
	Turkey farming	20	65	186	2	1	204	177	635
	Japanese quail								
	Pig farming								
	Rabbit farming Value added milk								
	and milk products	23	48	140	4	10	323	432	957
	Preparation of value added meat and meat products	8	23	56	3	1	161	208	452
	Home science	25	27	187	-	6	246	593	1059
	Horticulture	40	34	2	41	60	504	391	1032
	Agronomy	31	66	47	3	2	598	283	999
	Integrated farming	18	41	48	5	8	403	275	780
	Agricultural engineering	1	17	2	-	-	33	12	64
	Fodder production	51	156	198	-	3	701	582	1640
	Livestock rearing								
	Calf rearing	5	13	7	2	1	65	59	147
	Livestock disease management	40	218	182	4	3	1187	778	2372
	Management of repeat breeding in cattle	21	270	143	5	-	921	786	2125
	Artificial insemination								
	Aquaculture	2	-	-	-	-	35	1	36
	Ethno veterinary practices	23	76	62	-	4	9367	211	9720
	Total	791	1928	6280	218	637	19543	15096	43702
2016-17	Dairy farming	305	604	973	157	114	3883	3609	9340
	Goat farming	184	1126	2356	44	154	1515	4350	9545
	Poultry farming	113	265	600	32	241	1181	1770	4089
	Broiler farming	6	22	38	4	2	90	113	269
	Turkey farming		2	11	0	7	0	1.6	75
	Tamanana		. ,	1.1	0	7	9	46	75
	Japanese quail	4			0	Λ	2	27	A 1
	Pig farming	2	0	12	0	0	2	27	41
					0 0	0 0	2 17 43	27 11 296	41 33 382

	D .: C						1		
	Preparation of								
	value added meat								
	and meat products								
	Preparation of		_	0			22	_	40
	value added fish	1	5	0	0	0	33	2	40
	and fish products								
	Home science	29	3	65	0	0	115	394	577
	Horticulture	19	0	0	0	0	213	116	329
	Agronomy	60	84	62	0	0	864	564	1574
	Integrated farming	14	73	26	5	5	339	213	661
	Agricultural								
	engineering								
	Fodder production	44	122	281	4	4	398	470	1279
	Livestock rearing	49	236	191	0	4	737	547	1715
	Calf rearing	4	8	3	1	5	61	47	125
	Livestock disease								
	management	33	197	194	3	1	595	361	1351
	Management of								
	repeat breeding in	36	112	302	5	7	378	634	1438
	cattle	30	112	302		,	370	031	1 150
	Artificial								
	insemination								
	Aquaculture								
	Ethno veterinary								
	practices	14	33	6	2	3	284	166	494
	Total	932	2896	5158	257	553	10757	13736	33357
2017-18	Dairy farming	252	670	1319	57	93	2980	3778	8890
2017-10						50			
	Goat farming	127	220	1415	24		656	2786	5142
	Poultry farming	81	204	362	52	19	772	1121	2530
	Broiler farming	8	5	11	-	-	26	56	98
	Turkey farming	1	-	-	-	-	8	10	18
	Japanese quail	9	32	26	-	-	131	106	295
	Pig farming	2	-	-	-	-	14	5	19
	Rabbit farming	1	15	-	-	-	-	30	45
	Value added milk	15	18	47	_	_	119	253	439
	and milk products	13	10	47	_	-	119	233	439
	Value added meat	4	9	6			14	10	39
	and meat products	4	9	U	-	-	14	10	39
	Home science	24	9	102	_	-	108	487	710
	Horticulture	25	59	84	_	-	528	197	872
	Agronomy	35	62	53	-	-	495	320	930
	Integrated farming	40	72	79	-	-	478	486	1115
	Agricultural								
	engineering	6	7	4	-	12	49	53	100
	Fodder production	85	298	345	36	13	1235	1299	3316
	Livestock rearing	32	47	144	50	21	411	324	992
	Calf rearing	9	6	3	26	6	108	40	189
	Livestock disease	7	U	3	20	U	108	40	107
		20	71	40	27	11	304	156	601
	management Management of								
	Management of	0	1.47	1.52	1.6	1.4	272	262	0.5.5
	repeat breeding in	9	147	153	16	14	273	262	855
	cattle								
	Artificial	1	-	-	_	-	9	6	15
	ingomination	1			1				100
	insemination		-	1.4			1 1 -		
	Aquaculture	8	7	14	-	-	45	114	180
	Aquaculture Azolla cultivation		7 10	14 73	- 1	-	45 462	114 108	654
	Aquaculture Azolla cultivation Ethno veterinary	8 15	10	73	1		462	108	654
	Aquaculture Azolla cultivation Ethno veterinary practices	8 15 10	10	73 32		-	462 115	108 95	654 249
	Aquaculture Azolla cultivation Ethno veterinary	8 15	10	73	1	-	462	108	654

2018-19	Dairy farming	180	632	1947	38	64	2055	2729	7048
	Goat farming	188	378	3991	60	937	1030	7299	13672
	Poultry farming	98	263	1765	32	385	766	2245	5453
	Broiler farming	4	14	26	0	2	17	89	148
	Turkey farming	1	2	1	0	0	15	4	22
	Japanese quail	6	11	25	5	0	54	20	115
	Pig farming	1	0	0	0	0	8	0	8
	Rabbit farming	2	4	8	0	0	19	15	46
	Value added milk and milk products	13	32	48	1	1	116	306	504
	Preparation of value added fish and fish products	3	0	0	0	0	0	47	0
	Home science	19	29	60	0	0	73	242	404
	Horticulture	25	62	21	0	0	347	199	629
	Agronomy	62	295	153	0	0	979	451	1878
	Integrated farming	34	97	75	40	20	568	351	1151
	Agricultural engineering	7	5	2	0	0	300	43	350
	Fodder production	38	153	200	75	59	446	636	1573
	Livestock rearing	39	197	248	134	89	841	625	2136
	Calf rearing	7	13	67	2	0	37	77	196
	Livestock disease management	34	83	206	18	14	400	223	811
	Management of repeat breeding in cattle	17	51	124	3	1	1015	355	1551
	Aquaculture	29	74	115	0	0	312	343	844
	Azolla cultivation	22	53	72	16	20	140	173	473
	Ethno veterinary practices	6	4	23	0	0	89	81	199
	Hydroponics	10	18	37	0	0	97	92	244
	Total	845	2470	9214	424	1592	9724	16645	39455

## **Sponsored training programmes**

	Total		Bene	ficiaries	(Type and	No.)		Total
Year	programmes	SC		ST		Ot	hers	Total beneficiaries
	conducted	Men	Women	Men	Women	Men	Women	Deficienciaries
2014-15	209	1083	1265	285	243	2804	2629	8292
2015-16	128	333	877	17	14	2300	2903	6963
2016-17	589	2090	3637	230	1010	8549	11209	26725
2017-18	386	1037	1807	34	32	5217	5086	14137
2018-19	395	3044	2960	70	194	12501	8755	28056

## Awareness programmes

	Total		Bei	neficiario	s (Type and	Total		
Year	Total programmes conducted		SC	ST		Others		Total beneficiaries
	conducted	Men	Women	Men	Women	Men	Women	Denenciaries
2014-15	209	1083	1265	285	243	2804	2629	8292
2015-16	307	3701	1581	487	180	4787	9630	20366
2016-17	460	1790	2366	167	522	8493	8126	21464
2017-18	282	1985	2145	220	357	8915	6098	19962
2018-19	202	1968	1025	6270	3641	1424	1568	151

## Training programmes conducted for the beneficiaries of the Government special schemes

Year	Name of the scheme	No. of programmes	No. of beneficiaries
2014-15	Priceless Distribution of Milch cows	178	9891
	Priceless Distribution of goats	1234	87258
	Priceless Distribution of sheep	81	6699
	Scheme on Fodder development	22	795
	Scheme on National Mission for Protein Supplement	14	710
	Scheme on Pudhu Vazhvu – goat farming	48	1730
	Scheme on Pudhu Vazhvu – dairy farming	33	981
	Scheme on Poultry development – desi chicken	47	2113
	Scheme on Poultry development – broiler chicken	19	777
	Scheme on Artificial Insemination in Bovines	11	227
2015-16	Priceless Distribution of Milch cows	160	6985
	Priceless Distribution of goats	692	44081
	Priceless Distribution of sheep	198	13667
	Scheme on Fodder development	14	507
	Scheme on National Mission for Protein Supplement		
	Scheme on Pudhu Vazhvu – goat farming	48	1625
	Scheme on Pudhu Vazhvu – dairy farming	74	2664
	Scheme on Poultry development – desi chicken	38	2155
	Scheme on Poultry development – broiler chicken	16	943
	Scheme on Artificial Insemination in Bovines – Farmers Orientation Programme	17	17000
2016-17	Priceless Distribution of Milch cows	37	1713
	Priceless Distribution of goats	322	19828
	Priceless Distribution of sheep	1	75
	Scheme on Pudhu Vazhvu – goat farming	67	1930
	Scheme on Pudhu Vazhvu – dairy farming	36	1174
	Scheme on Pudhu Vazhvu – desi chicken farming	26	1134
	Scheme on Poultry development – desi chicken	59	3598
	Scheme on Poultry development – broiler chicken	6	183
	Scheme on Artificial Insemination in Bovines – Farmers Orientation Programme	17	17000

## **Exhibitions conducted in the last five years**

Year	No. of exhibitions conducted	No. of participants
2014-15	185	162321
2015-16	6235	234169
2016-17	433	51,522
2017-18	264	11640
2018-19	298	49054

## Mass Contact Programmes (MCP) conducted in the last five years

Year	No. of MCPs conducted	Total No. of animals and birds treated
2014-15	176	91713
2015-16	795	59284
2016-17	75	36583
2017-18	89	28522
2018-19	60	21010

## Farm advisory services rendered in the last five years

Year	In person	By post	Telephone	E-mail	By field visit	Touch Screen	Mobile
2014-15	21190	274	19566	358	9042	5055	11136
2015-16	20341	1151	17621	564	4664	5769	18483
2016-17	22739	273	22533	648	5466	7910	161781
2017-18	23727	1290	39472	1156	4398	11782	86352
2018-19	17868	123	14583	524	6245	15742	74123

## Front line demonstrations conducted in the last five years

Year	Title of the Front Line Demonstration	Salient findings
2014-15	Demonstration on ICM in Sesame	Increase of 15.36 % in yield
2014-13	Demonstration of high yielding drought tolerant variety CO-6	Increase of 15.5 % in yield
	Demonstration on Drought management in direct sown paddy	Increase of 18.5 % in yield
	Demonstration of MDU-1 blackgram	Increase of 10.9% in yield
	Demonstration of drought tolerant fodder sorghum COFS-31 with seed production	Increase of 28.89 % in yield
	Demonstration on ICM in Cotton	Increase of 26.21 % in yield
	Demonstration on CO(on)-5 small onion	Increase of 22.2 % in yield
	Demonstration on PLR-1 Amaranthus	Increase of 14.76 % in yield
	Demonstration management of repeat breeding syndrome in crossbred cows	Increase of 49 % in yield
	Demonstration on estrus synchronization techniques to augment fertility in goats	Increase of 24 % in yield
2015-16	Prevalence of sub-clinical mastitis in dairy cows using California Mastitis Test Kit	60.16% cases found positive for sub-clinical mastitis.
	Effect of Azolla feeding in the performance of Desichicken	Five demonstration was done during the reported period     Weight gain was noticed in the desichicken supplemented with azolla
2016-17	Prevalence of sub-clinical mastitis in dairy cows	60.67% cases found positive for sub-clinical mastitis     Udder health status was checked using TANUCHEK SCC test and CMT kit.     CMT cow side test, but TANUCHEK SCC test is very sensitive and specific to detect the somatic cell count
	Effect of Hydroponic Fodder Feeding to Farm Animals	Three demonstration was done during the reported period Milk yield and quality of milk was increased while feeding hydroponic fodders to cows
2017-18	Front Line Demonstration on 'Screening for Sub-clinical Ketosis in Dairy Cows Using TANUVAS Ketocheck'	<ul> <li>Screening for sub-clinical ketosis revealed that 29.41% of the cows were positive for sub-clinical ketosis.</li> <li>Awareness was created among the dairy farmers in the district about screening sub-clinical ketosis and preventing the occurrence of ketosis.</li> <li>The ketocheck kit is a low cost technology for detecting sub-clinical ketosis. Hence ketocheck kit can be used for constant monitoring of dairy cattle for ketosis.</li> </ul>
2018-19	Azolla pinnata as cattle feed supplement	The yield of azolla in farmer's field ranged from 880-950 g/day Azolla supplementation improves the quantity and quality of milk The cost of production Rs. 2.50 per litre of milk is reduced due to azolla feeding
	Screening for Sub-clinical Ketosis in Dairy Cows Using TANUVAS Ketocheck	Incidence of Sub-Clinical Ketosis was 25% and 50% in the dairy farms at Kaalipalayam Block and S.S.Kulam Block respectively.
	Prevalence of sub clinical Mastitis in Dairy cows using CMT kit	56.88 percent of the animal screened for subclinical mastitis were positive     ABST revealed causative agents are resistant to Sterptomycin, Penicillin,     Amoxycilin and Oxytetracycline and sensitive to Enrofloxacin, Gentamicin     and Ceftriaxone
	Demonstration and Popularization of California Mastitis Test for identification of Subclinical mastitis in the cattle farms	<ul> <li>Out of 180 samples tested about 132 samples (73.33 %) were found positive for subclinical mastitis quarter wise.</li> <li>About 80 % of the animals were found positive for prevalence of subclinical mastitis</li> </ul>
	Screening for Salmonella pullorum infection in Desi chicken by Rapid serum agglutination test	Nine demonstrations were given to 285 beneficiaries
	Popularization of Azolla production for tribal farmers of Kalvarayan hills	<ul> <li>Ten tribal farmers each from one village with total of 40 farmers among 4 villages followed the azolla cultivation practices for poultry after training and field demonstration on Azolla cultivation.</li> <li>By this azolla production during summer season, feed shortage problem for livestock and poultry was reduced and identified that production cost was reduced up to 20%</li> </ul>
	Popularization of Gramapriya chicken among transgender community in Villupuram	<ul> <li>Awareness training was given to 2 transgenders on chicken rearing and vaccination for poultry.</li> <li>Feeding of fish wastes to chicken was also recommended.</li> <li>At 4 months of age Gramapriya chicken male weighed 1 kg and Gramapriya hen started laying eggs at 6 months of age and laid 130 eggs in a year.</li> </ul>
	Cultivation of Azolla and feeding of azolla to dairy cows	Feeding of Azolla increased the milk production     Feeding of azolla reduced the Feed cost

Popularization of Azolla cultivation to reduce the feed cost of dairy animals in Salem district	•	Based on the results of FLD on low cost Azolla supplementation to milch animals it is recommended that on an average of 1-2 kg fresh Azolla supplementation / animal /day itself is sufficient to improve the milk yield and milk fat percentage and also to reduce the feed cost. The study on Azolla supplement @ 1 kg / animal / day along with regular concentrate and green fodder to milch animals revealed an average increase in milk yield to 0.75L / day / animal and 0.9% increase in milk fat levels and reduce concentrate feed cost of 1 kg  Concluded that Azolla supplement as an alternate fodder to milch animals improved the quantity and quality of milk enabling the farmer to mitigate the concentrate feed cost and thereby the socio-economic status of farmers was improved
Screening for Sub-Clinical Mastitis with Masti Guard	•	Out of 280 samples, 168 Samples were negative for mastitis and 60 samples were identified positive for sub clinical mastitis (21.42%) and 52 samples identified positive for clinical mastitis (18.57%).  After proper guidance were given to farmers, based on TANUCHEK SCC kit result.  After one month interval, same animal's 280 milk samples were collected and screened for sub clinical mastitis using TANUCHEK SCC kit. Out of 280 samples, 35 samples were identified positive for sub clinical mastitis (12.5%) and 20 samples identified positive for clinical mastitis (7.14%).
Demonstration of YMV resistant Greengram Var. Co 8	•	Greengram Co 8 recorded yield of (6.69 q/hec) with higher profit, net returns compared with the local variety VBN3. Co 8 is preferred by farmer for its synchronized maturity and short duration (68 days)
Demonstration of Cowpea Variety VBN 3	•	Cowpea VBN 3 recorded yield of (8.70 q/hec) with higher profit, net returns compared with the local variety. VBN 3 cowpea is preferred by farmer for its short duration (73 days) and higher yield compared to local variety.
Demonstration of Paddy variety CO.52	•	Barnyard millet variety MDU.1 observed short duration (90 days), drought tolerant, Non lodging and it produced more no of tillers & yield
Demonstration of PLR (BR-2) brinjal variety for higher yield	•	Less shoot and fruit borer incidence, Less bacterial yield incidence and higher yield (20.7 %) compared to Periakottai local variety. High marketing preference
Demonstration Of Mastiguard for prevention of Mastitis in Dairy cattle	•	Mastiguard teat protect was best suitable method to prevent mastitis in dairy cattle. Reduces the percent of occurrence of mastitis and somatic cell count. The milk production also improved in masti-guard used groups.
Demonstration on Veterinary First Aid calf kit	•	Health condition and weight gain were better in calves which are provided with Tanuvas calf kit and balanced feeding with good management practices
Demonstration of Pangasius culture in Farm ponds	•	Farmers could get higher growth of fish with increase yield (3770 kg/ha) through Pangasius culture in farm ponds
Demonstration of Indian major carps culture using stunted fingerlings	•	Farmers could get higher growth of fish with increase yield (5140 kg/ha) through Polyculture of carps using stunted fingerlings
Demonstration on value addition in brinjal		Highly useful to minimize post-harvest losses during surplus production
Demonstration and Seed production of new paddy variety CO 52 under SRI Method	٠	Demonstration of new paddy variety (CO-52) under SRI method of paddy cultivation recorded more number of productive tillers, more number of grains per panicle, very less incidence of leaf folder, stem borer and blast, higher grain, straw yield, more net income as compared to check variety of (BPT-5204) farmers practice. This variety is recommended for Namakkal district as Alternate for BPT 5204.
Demonstration of Finger Millet var. ML-365 & ICM Practices in Kollihills region	•	Demonstration results revealed that cultivation of finer millet variety (ML-365) recorded more number of productive tillers per plant, more finger length, more number of fingers per ear head, less incidence of blast disease, higher grain yield, straw yield and more net income compared to kollihills local chek variety. During Gaja cyclone, most of the plants lodged. Kollihils farmers were accepted this variety for further cultivation
Demonstration and Seed production of new Groundnut variety TMV-14 & ICM Practices	•	Demonstration of new groundnut variety (TMV-14) not performed well in R.Pudupatti village of Namakkal district. Result data collected from one location only. Number of pods per plant, root rot incidence, groundnut pod yield and haulm yield were recorded and worked out net returns. Results revealed that 12.5 per cent higher yield compared to check variety
Demonstration of ICM practices in Chrysanthemum var.Co1	•	Chrysanthemum var.Co1 recorded a maximum plant height of 68.82 cm in 5 months after planting, 11.8 number of primary and 19 number of secondary branches at 5 months after planting. Noticed flower bud initiation on 92 days after planting. It registered a maximum flower diameter of 4.8 cm, stalk length of 8.65 cm and yielded 28.1 kg of flower/day/harvest
Demonstration of ICM practices in French bean var.Arka Sharath	•	French bean Arka sharath recorded a maximum plant height of 36.6 cm at 45 days after sowing. With respect to pod characters, it registered a maximum pod length of 14.5 cm, pod girth of 1.12 cm and number of pods/plant (25). 42 kg of pod harvested from 5 cent area per harvest

Demonstration of ICM practices in Bellary Onion var.Arka Bheem		Bellary onion var.Arka Bheem exhibited the maximum plant height of 53.2 cm and 19 no.of leaf sheath/plant at 45 days after transplanting. This variety recorded a maximum polar diameter (7.1 cm) equatorial diameter (7.9 cm) of onion bulb and a single bulb weight of 117 gm
Demonstration of green manuring in cotton with ICM practice		The highest cotton yield of 16.27 q/ha was recorded in demo plot receiving insitu incorporation of multigrain green manuring with ICM practice. During the boll setting stage rainfall was not there and hence continuous irrigation with poor quality irrigation water (EC12-15dS m <sup>-1</sup> ) crop was infected with wilt symptoms and lost its yielding potential.
Demonstration of Split application of potassium in tapioca with ICM practice		Application of potassium as MOP in equal splits at the time of planting and 5 months after planting along with ICM practice recorded higher tuber yield of 322 q/ha and with 24.81% increase in yield over farmers practice (258 q/ha).
Demonstration of Banana-Cowpea intercropping and ICM Practices		The highest banana yield of 350.8 q/ha was recorded in demo plot receiving cowpea Insitu incorporation with ICM practice whereas farmers practice recorded 298.6 q/ha. The yield increase in demo was 17.47% over check.
Demonstration of integrated pest management in pink bollworm		Demonstration of pheromone trap and Yellow sticky trap gave a good alternative way to control for the borer and sucking pest without much of cost and damage to environment. (No of adults / Traps - 42.5 nos). Higher symbolical branches (17.7 /plant), Healthy Boll formation (77.8/plant), yield (18.15 Q/ha) and increase in yield was (21.64%) was observed .Overall performance of the IPM module showed higher yield realization of 19.4 q/ha than the local check of 16.9q/ha .The intensity of pesticides spray has been reduced to 3 no's from 5 that saved an amount of Rs.5424/-
Demonstration of EVM for treatment of Repeat breeding in dairy animals	l .	EVM treatment has resulted in 40 % success in field condition and moreover, there was difficulty in procuring the raw materials for EVM formulation
Demonstrating Moringa (PKM1/2) as a substitute for protein forage in Large Ruminants Feeding		Moringa leaves has excellent source of protein (22.8%) and feeding resulted in increase in milk yield (600ml/day) compared to check
Demonstration of Mastiguard to prevent Mastitis in dairy animals		Using of mastigaurd prominently resulted in reduction of mastitis incidence and almost nil incidences. The somatic cell count was in normal range which in turn ensured the clean milk production
Demonstration of Mulberry leaves for better weight gain in Small Ruminant production system	•	Feeding of mulberry leaves has proved potential alternate feed resources for small ruminants especially during lean season. Feeding of mulberry resulted in 1.5-2.0 kg extra body weight gain over a period of 3 months
Demonstration and dissemination of integrated Duck cum fish culture technology	•	Get additional income from small area, disease free environment in the pod.
Community based initiative in cage culture of gift tilapia	•	Growth performance and economic return, 50 fish/m3 exhibited the highest performance,the successful cage culture of GIFT tilapia
 Murrel seed production/Hormone Injection method	•	Induced breeding of <i>C.striatus</i> was successfully accomplished by a single intramuscular injection of different doses of hormones

## On Farm Trials conducted in the last five years

Year	Title of the On farm trial	Salient findings
2014-15	Assement of pheromone based stem borer management in paddy	57.93 q/ha
	Assesment of Dual purpose Chilli under precision mode of cultivation	149 q/ha Green chilli 26 q/ha dry chilli
	Assessing of suitable drought resistant groundnut variety for rainfed condition	16.0 q/ha
2015-16	Inclusion of mulberry tree fodder at different levels on production performance in dairy animals	<ul> <li>The fresh Mulberry leaves fed to dairy cows at 4 kg per day for 15 days along with regular feeding schedule</li> <li>Average increase in milk yield up to 1.76 lit/day/cow</li> <li>0.23 per cent increase in milk fat</li> </ul>
	Improving conception rate in dairy cows by using TANUVAS Smart Mineral Mixture feed supplement	Conception rate in supplemented group cows compared to non supplement groups
2016-17	Effect of supplementation of <i>Saccharomyces</i> cerevisiae yeast culture on the performance of dairy cows during summer heat stress	Supplementation of 5 g of <i>Saccharomyces cerevisiae</i> yeast culture per day per animal helped to improve milk yield     Maintain the normal physiological rectal temperature
	Effect of CO-5 Hybrid Nabier grass feeding in the performance of Giriraja chicken	No significant effect was noticed in Co- 5 supplemented groups compared to control groups.

2017-18	Comparative Efficacy of Lactic Acid Teat Dip and TANUVAS Teat Protect on Prevention of Sub-clinical Mastitis in Dairy Cows  Effect of Agathi (Sesbania Grandiflora) feeding in	The presence of sub – clinical mastitis in the dairy cows received post – milking teat dipping with lactic acid is in 18 dairy cows (60.00%). The presence of sub – clinical mastitis in the dairy cows received TANUVAS Teat Protect spray after milking is in 13 dairy cows (43.33%).  TANUVAS teat protect is advantageous over the conventional lactic acid teat dip in terms of application, cost and effectiveness in preventing sub-clinical mastitis. Awareness was created among the dairy farmers about TANUVAS Teat Protect and preventing the occurrence of mastitis.  The farmers will screen for sub-clinical mastitis regularly and mastitis will be prevented in dairy cows.  Growth rate was reduced at Agathi supplemented at 50 % replaced
	the performance of desichicken	by concentrate feed, but no significant difference was noticed in 25% supplemented group.
2018-19	Effect of Acorus calamus (Vasambu) supplementation in Gramapriya chicks	<ul> <li>Feeding of Vasambu at the level of 0.05% has been beneficial in Gramapriya chicks at 5<sup>th</sup> week</li> <li>Body weight gain and feed conversion ratio were significantly (P&lt;0.01) better in the group supplemented with 0.05% vasambu supplementation</li> </ul>
	Importance of masti gaurd in dairy cows.	Udder health status has been improved while using mastiguard. It helps for early detection of mastitis and thereby early treatment and control in dairy cows
	Importance of Ketock in dairy cows	Incidence of subclinical ketosis was 40% at Arasalur village of Perambalur District. This status was overcome by providing extra grains as energy source of feed especially during early lactation in dairy cows.
	Establishment of Azolla Cultivation Model units and effects of Azolla feeding on Dairy animals in Tirupur district	Proximate composotion of shade dried Azolla were 10.16% moisture, 25.72 crude protein, 14.9% crude fibre, 5.07% ether extract, 16.5% total ash and providing 3629 kcal/kg  Daily 2 kg per animal had increased milk yield by 0.53 lit per day per cow and increased fat content by 0.23%
	Field Efficacy study of Masti-Guard in control and prevention of sub clinical mastitis in dairy animals	Udder health status has been improved by using Masti-Guard in Milch animals
	Evaluation of Masti-Guard in dairy animals to control mastitis	Udder health status has been improved
	Role of mineral mixture and Ovsynch protocol in fertility management	Supplementation of mineral mixture increased the conception rate.     Supplementation of mineral mixture along with ovsynch protocol synergistically improved the conception rate.     Awareness was created among the farmers about the hormonal intervention to alleviate the infertility problem in dairy cows
	Efficacy of Masti - guard on prevention and control of sub clinical mastitis in dairy cows of Salem district	A total 20 farmers participated in the on farm trial on Efficacy of Masti - guard on prevention and control of sub clinical mastitis in dairy cows of Salem district. In ayothiapattinam block were covered 100 lactating dairy cows were screened for sub - clinical mastitis using MASTI-GUARD kit. Out of 50 lactating dairy cows screened for sub - clinical mastitis, Out of 50 animals were screened for sub-clinical mastitis protective spray applied animals screened weekly once for somatic cell count by using TANUCHEK SCC kit. There was reduction of somatic cell count after the 2 weeks of by using mastitis protective spray as compared to washing with potassium permanganate and normal washing of udder.  • Awareness was created among 20 dairy farmers in Ayothiapattinam of Salem district about screening sub-clinical mastitis and preventing the
	Comparative study on Mineralized Salt Lick and Mineral Mixture supplementation on growth performance in Cross Bred Goat Kids on stall fed and grazing system	occurrence of mastitis.     Intensive system of goat rearing is profitable than extensive system in terms of significantly higher overall gain in body weight, growth parameters (Body length, withers height, heart girth) and blood parameters (PCV and Haemoglobin content).     Under intensive system, animals with mineral mixture supplementation in their concentrate feed is advantageous than mineralized salt lick.     It could be concluded that by adopting intensive system of rearing i.e., Stall fed, goat rearing progressive farmers have a large potential for gaining more economic benefit with positive net returns compared to grazing system
	Effect of phytoadditive combinations on control of <i>Musca domestica</i> (House fly) population in poultry shed	<ul> <li>The significant difference were observed in <i>Acorus calamus</i> (Vasambu) incorporated groups (P&lt;0.05).</li> <li>Custard apple (Annona squamosa) incorporated group control the house fly population in better way, when compared to <i>Nicotiana tabacum</i> (Tobacco powder) incorporated group and control groups.</li> <li><i>Acorus calamus</i> (Vasambu) may be included at the rate (10%) along with Rice bran (80%) + Jaggery (10%) + Eucalyptus oil (20 ml) control the house fly in better way, when compared to Custard apple (Annona squamosa) and <i>Nicotiana tabacum</i> (Tobacco powder).</li> </ul>

Assessment of drought resistant groundnut variety	Dharani recorded higher pod yield(18.5 q/hec) with higher profit, net returns, relative water content and water use efficiency. Preferred by farmer for its drought tolerant capacity
Assessment of suitable paddy Varieties for saline water	Paddy variety CSR.36 was tolerant to saline water condition from 4 to 7 dsm-1. Produced grain yield of 5.2 q/ha compared to Gangavathy sona (4.65 q/ha) and local variety (3.7 q/ha). Pest and disease incidence also very less in new varieties
Assessment on augmenting fertility in dairy cattle through estrous synchronization	Average revenue per animal was increased (Rs.22023)     Milk production was improved     Prosync-NC is effective when animals are maintaining with good nutritional status.
Assessment of improved fish varieties under composite fish culture	Farmers could get higher growth of fish with increase yield (3854 kg/ha) by including GIFT Tilapia under composite culture system.
Assessment of Amla products using Class-I Preservatives	Soaking Amla in 4% salt+10% ginger extract + cumin and pepper was Highly useful to minimize post-harvest losses during surplus production and price fluctuations may be minimized
Assessment of Castor hybrids suitable for Namakkal district as Pure crop	<ul> <li>On farm trial results revealed that cultivation of castor hybrid (DCH-519) with integrated crop management practices recorded more number of effective spikes per plant (38.20), more number of capsules per spike (57.4), very less incidence of leaf hopper (2.20 %), higher grain yield (1311.6 kg/ha) as compared to other hybrid (DCH-177) and farmer practice (YRCH-1).</li> <li>With regard to farmer practice (YRCH-1), more number of effective spikes per plant (43.80), more number of capsules per spike (53.4), very less incidence of leaf hopper (3.2 %), higher grain yield (1297 kg/ha). It is on par with DCH-519 hybrid.</li> <li>The least grain yield (1037 kg/ha) and higher incidence of leaf hopper (13.6 %) were observed in DCH-177 hybrid</li> </ul>
Assessment of paddy varieties suitable for Kollihills region of Namakkal district	<ul> <li>On farm trial results revealed that cultivation of Supriya paddy variety recorded more plant height (61.8 cm), more number of productive tillers per plant (14.2), less incidence of blast (2.5%) &amp; leaf folder (1.5%), no incidence of stem borer, higher grain yield (3332 kg/ha), higher paddy straw yield (4275 kg/ha) and higher farm net income (Rs.27462/ha) as compared to Anashwara and Wayanad –II paddy varieties.</li> <li>The least paddy grain yield (2307 kg/ha) and more incidence of pest and diseases were observed in local check variety (Wayanad-II).</li> <li>Economics of the study revealed that cultivation of Supriya paddy variety registered higher net returns (Rs.27462/ha) and benefit cost ratio (2.21) followed by Anashwara variety and local check variety.</li> <li>Out of five OFT trials, three trials conducted under rainfed condition. All the three trials were dried due to non receipt of rain during December and January.</li> <li>The study showed that cultivation of Supriya paddy variety performed well under irrigated condition but kollihills farmers are not accepted white coloured grains. Regarding to Anashwara paddy variety, recorded average grain yield and red coloured and not performed well in kollihills area in yield and income wise.</li> </ul>
Assessment of suitable microbial consortium for waste decomposition	<ul> <li>NCOF waste decomposer applied compost pit produced 678 kg of compost/ tonne of residues with in three months after incubation followed by UAS, Dharwad composting culture (654 kg) and TNAU biominerlizer (634 kg) applied compost pit.</li> <li>NCOF waster decomposer reutilized by farmers for foliar spraying and soil drenching whereas in other institute culture it could not be possible.</li> <li>In case farmer practice, composting period-extended upto 5 ½ months and required equal quantity of cow dung slurry.</li> </ul>
Assessment of suitable infertility treatment in dairy animals of Namakkal district	The farmers felt that using of CIDR technology in repeat breeding dairy animals has promising results and able to produce the next calf within 12-14 months of interval. However, the farmers expressed the cost of technology was high. In other side, the nanoprosync technology having drawback of falling down the cloth adhered in backside of the animal. Hence farmers are more satisfied with the CIDR and interested to use in future also.  The cost of CIDR technology has to come down for wider application and the Nano cream pasted sheath has to adhered tightly in back region of animal to prevent fall down in ground.
Assessment of Ethno Veterinary treatment for control of Endo parasites in Small ruminants	Ethno Veterinary practices have promising results on performance, however, the recipe preparation needs some time daily. However, EVM cheaper than NIF dewormer.      Ready to use EVM formulation may highly useful for practical field
	condition to counter the loss due to internal parasitic infestation

## Farmer interaction groups formed in the last five years

Year	No. of groups formed	<b>Total beneficiaries / members</b>
2014-15	72	845
2015-16	24	717
2016-17	17	341
2017-18	25	420
2018-19	23	426

## Inter institutional HRD programmes conducted in the last five years

Year	Name of the programme	Beneficiaries (Type and No.)
2014-15	Refresher course and exposure visit on "Latest	12 Veterinary Officers of
	extension techniques and management practices for	the Animal Husbandry
	the implementation of various schemes in Animal	Department, Kangra District,
	<b>Husbandry</b> " from 16.03.2015 to 20.03.2015	Himachal Pradesh

## New technologies/Innovations& Commercialisation in Extension education in the last five years

Year	Name of the new technology innovation	Beneficiaries	Impact analysis
2016-17	The Directorate of Extension Education developed two mobile apps viz. "TANUVAS Training Calendar" with modules on event creation, voice call, text SMS, adding member, grouping members and hierarchical model and "Cow weight Calculator"	Public access for livestock farmers	-
2018-19	with modules on cow weight calculation and feeding and the same were hosted.  The mobile app entitled "Smartsivaganga Mobile App" joitly developed by TANUVAS and Sivaganga District Administration	Public access for livestock	
	to promote transparency in the implementation of Government schemes and to improve the livelihood and welfare of the farmers in the rural areas of Sivaganga District was developed and launched at a function organized at the Collectorate campus, Sivagangai on 14.04.2018.	farmers	

## Inputs supplied in the last five years

Year	Name of the input	Quantity supplied	No. of farmers benefitted
2014-15	TANUVAS Mineral Mixture	172	42
	TANUVAS SMART	309	15
	TANUVAS Salt Lick	107	35
	Fodder seeds	161	114
	Azolla seeds	105	52
	Fodder slips	2500	1
	Green fodder	75	16
	Livestock and poultry feed	122	52
	Chicks all types including Japanese Quail	960	37
2015-16	TANUVAS Mineral Mixture	242	36
	TANUVAS SMART	2	2
	TANUVAS Salt Lick	279	5
	Fodder seeds	121	58
	Azolla seeds	170	8
	Seeds other than fodder and azolla seeds	202	56
	Fodder slips	4414	33
	Green fodder		
	Livestock and poultry feed	799	131
	Chicks all types including Japanese Quail	273	57

2016-17	TANUVAS Mineral Mixture	702	385
	TANUVAS SMART	428	98
	Fodder seeds	89	128
	Azolla seeds	40	37
	Seeds other than fodder and azolla seeds	508	74
	Fodder slips	2500	38
	Green fodder	364	302
	Livestock and poultry feed	1180	20
	Chicks all types including Japanese Quail	967	466
2017-18	TANUVAS Mineral Mixture	850	150
	TANUVAS Salt Lick	230	100
	Fodder seeds	164	136
	Azolla seeds	42	42
	Seeds other than fodder and azolla seeds	123	84
	Fodder slips	31911	350
	Green fodder		
	Livestock and poultry feed	500	250
	Chicks all types including Japanese Quail	860	100
	Livestock (all types)	1000	100
2018-19	TANUVAS Mineral Mixture	479	295
	TANUVAS SMART	810	311
	Fodder seeds	488	774
	Azolla seeds	705	344
	Fodder slips	431	8
	Livestock and poultry feed	95	45
	Chicks all types including Japanese Quail	10096	1172

## Broadcasting and Telecasting conducted in the last five years

Year	No. of radio broadcasts	No. of TV programmes
2014-15	206	131
2015-16	395	125
2016-17	214	63
2017-18	56	5
2018-19	109	9



## **6.6.5** Faculty and Staff Development

**6.6.5.1. Recruitment and Promotional Avenue:** Give the detailed recruitment procedure for faculty, technical, supporting and administrative staff (in brief) and further mention the last recruitment for each category held in the University. Similarly, career advancement procedure and its implementation for all categories shall be given. How many staff have been recruited directly at the higher positions in the last five years?

## **Detailed recruitment procedure for faculty**

## Direct Recruitment

- 1. The direct recruitment to all the posts of teaching faculty shall be on the basis of merit following the norms as per Clause 5 (10) (ii) of TANUVAS Regulations followed by selection by a duly-constituted Selection Committee as per the provisions made under these Rules.
- 2. The minimum qualifications required for the post of Assistant Professor, Associate Professor, Professor, Senior Professor, University Assistant Librarian, University Deputy Librarian, University Assistant Director of Physical Education and Sports, University Deputy Director of Physical Education and Sports and University Director of Physical Education and Sports, shall be as specified by the UGC / AICTE.
- 3.I. The National Eligibility Test (NET) of agencies like UGC / ICAR or an accredited test (State Level Eligibility Test SLET/SET) shall remain the minimum eligibility for appointment of Assistant Professor and equivalent positions (except Engineering and Technology). Further, SLET/SET shall be valid as the minimum eligibility for direct recruitment to Universities provided it is obtained in the State of Tamil Nadu. Provided that candidates who have been awarded a Ph.D Degree in accordance with the University Grants Commission (Minimum Standards and Procedure for Award of M.Phil/Ph.D Degree) Regulation, 2009, or the University Grants Commission (Minimum Standards and Procedure for Award of M.Phil/Ph.D Degree) Regulation, 2016, and their subsequent amendments from time to time, as the case may be, shall be exempted from the requirement of the minimum eligibility condition of NET/SLET/SET for recruitment and appointment of Assistant Professor or any equivalent position.

Provided further that the award of degree to candidates registered for the M.Phil/Ph.D programme prior to July 11, 2009, shall be governed by the provisions of the then existing Ordinances/Bye laws/Regulations of the Institutions awarding the degree. All such Ph.D candidates shall be exempted from the requirement of NET/SLET/SET for recruitment and appointment of Assistant Professor or equivalent positions subject to the fulfilment of the following conditions:

- a. The Ph.D degree of the candidate has been awarded in regular mode only;
- b. The Ph.D thesis has been awarded by at least two external examiners;
- c. An open Ph.D viva voce of the candidate has been conducted;
- d. The candidate has published two research papers from his/her Ph.D work out of which at least one is in a refereed journal;
- e. The candidate has presented at least two papers, based on his/her Ph.Dworkin conferences/ seminars sponsored/funded/supported by the UGC/ ICSSR/CSIR/ICAR or any similar agency.

The fulfilment of these conditions is to be certified by the Registrar or the Dean (Academic Affairs) of the University concerned.

- II. The clearing of NET/SLET/SET shall not be required for candidates in such disciplines for which NET/SLET/SET has not been conducted.
- 4. A minimum of 55% marks (or an equivalent grade in a point-scale, wherever the grading system is followed) at the Master's level shall be the essential qualification for direct recruitment of teachers and other equivalent cadres at any level.

- 5. The Ph.D Degree shall be a mandatory qualification for appointment and promotion to the posts of Professor, Associate Professor and Assistant Professor (Selection Grade/Academic Level 12). The Ph.D Degree shall be a mandatory qualification for direct recruitment to the post of Assistant Professor with effect from 1-7-2021.
- a. A relaxation of 5% shall be allowed at the Bachelor's as well as at the Master's level for the candidates belonging to Scheduled Caste/Scheduled Tribe/Other Backward Classes (OBC) (Non creamy Layer)/ Differently-abled (level of which as specified in ASRR of the University) for the purpose of eligibility and assessing good academic record for direct recruitment. The eligibility marks of 55% marks (or an equivalent grade in a point scale wherever the grading system is followed) and the relaxation of 5% to the categories mentioned above are permissible, based only on the qualifying marks without including any grace mark procedure. A relaxation of 5% shall be provided, (from 55% to 50% of the marks) to the Ph.D Degree holders who have obtained their Master's Degree prior to 19 September, 1991. A relevant grade which is regarded as equivalent of 55%, wherever the grading system is followed by a recognized University, at the Master's level shall also be considered valid.
- b. The time taken by candidates to acquire M.Phil and / or Ph.D Degreeshallnotbeconsideredasteaching/ research experience to be claimed for appointment to the teaching positions. Further, the period of active service spent on pursuing Research Degree such as Ph.D (on part-time and on University deputation to other institutions) simultaneously with teaching assignment without taking any kind of leave shall be counted as teaching experience for the purpose of direct recruitment/promotion. The period spent on external deputation shall be counted as teaching experience for the purpose of promotion under CAS only.
- 6. No person shall be appointed to the post of University Teacher, Librarian or Director of Physical Education and Sports, in the University if such person does not fulfill the requirements as to the qualifications for the appropriate post as provided in the Appendix 1A of University Regulations and in these Rules.
- 7. Up to 10 percent of the existing sanctioned strength of Professors (except Engineering and Technology) in the University may be appointed as Senior Professors in the University, through direct recruitment.
- 8. The minimum requirements for direct recruitment of Teachers and its equivalent cadres (Librarians and Directors of Physical Education and Sports) in the University are provided in Table 1A (i) to Table 1C.
- 9. The constitution of Committees for selection of Teachers and equivalent cadres (Librarians and Directors of Physical Education and Sports) in the University is provided in Table 2.
- 10. The Selection Criteria for direct recruitment of Teachers in the University is provided in Table 3.
- 11. The Assessment Criteria and Methodology for Teachers in the University are provided in Table 4A and Methodology for calculating Academic/Research score for Teachers in the University is provided in Table 4B. The Assessment Criteria for Direct Recruitment of Assistant Professors and equivalent Cadres in the University are provided in Table 4C.

## Last Recruitment of technical staff in last five years

Category	Date of conduct of last recruitment	No. of posts	No.of posts
		called for	filled
Assistant Director of	21.06.2016	2	2
Physical Education			
Assistant Director of	14.12.2016	2	2
Physical Education			
Assistant Professor	16.05.2017 to 20.05.2017	49	47

Last Direct Recruitment of technical staff in higher positions in last five years

Year	Name of the higher position recruited	Date of conduct of last recruitment	No. of posts called for	No. of posts filled
2014-15	-	-	-	-
2015-16	University officers	08.04.2015	7	7
	University Officers	29.12.2015	6	6
2016-17	University Officers	03.09.2016	3	3
2017-18	University Officers	-	-	-
2018-19	University Officers	13.08.2018	9	9

Career advancement procedure and its implementation for faculty in the University

## CareerAdvancementScheme for University Teachers and Equivalent Positions

## 1. University Assistant Professors/ Associate Professors/ Professors/ Senior Professors

- 1. Person entering the teaching profession in the University shall be designated as Assistant Professor (Academic Level 10) with rationalised entry pay of Rs. 57,700.
- 2. An Assistant Professor (Academic Level 10) with completed service of four years at that academic level, possessing Ph.D Degree in the concerned/relevant discipline shall be eligible, for moving up to next level and designated as Assistant Professor (Senior Scale/Academic Level 11) with rationalised entry pay of Rs. 68,900 subject to the condition that Ph.D is in a discipline which is relevant to the Department in which he/she is an Assistant Professor.
- 3. Assistant Professor (Academic Level 10) possessing M.Phil degree or post-graduate degree in professional courses such as M.V.Sc, M.Tech or any other degree approved by the ICAR or relevant Statutory Body shall be eligible for moving up to next level and designated as Assistant Professor (Senior Scale/Academic Level 11) after completion of five years of service as Assistant Professor at Academic Level 10 subject to the condition that the M.Phil degree is in a subject relevant to the Masters/teaching discipline.
- 4. Assistant Professor (Academic Level 10) who does not have Ph.D or M.Phil or a Master's degree in the relevant professional course shall be eligible for the Academic Level 11 and designated as Assistant Professor (Senior Scale/Academic Level 11) only after completion of six years service as Assistant Professor at Academic Level 10.
- 5. The upward movement from Academic Level 10 to Academic Level 11 for all Assistant Professors shall be subject to their satisfying other conditions as laid down in the University Regulations and in these Rules from time to time. Assistant Professor already in the service in the pre-revised pay scales with Academic Grade Pay (AGP) of Rs.7000 (Stage II) shall be redesignated as Assistant Professor (Senior Scale).
- 6. Assistant Professor (Senior Scale/Academic Level 11) with completed service of five years and a Ph.D degree in concerned/relevant discipline shall be eligible, subject to other requirements laid down by the University Regulations and in these Rules from time to time is eligible to move up to the Academic Level 12 with rationalised entry pay of Rs. 79,800 and designated as Assistant Professor (Selection Grade/Academic Level 12). No teacher other than those who have completed Ph.D degree shall be promoted, designated or appointed as Assistant Professor (Selection Grade/Academic Level 12). However, this is not applicable to those who have already been designated or promoted or appointed as Assistant Professor (AGP Rs. 8000) before 11-7-2019. Assistant Professor already in the service in the pre-revised pay scales with AGP of Rs. 8000 (Stage III) shall be re-designated as Assistant Professor (Selection grade).
- 7. Assistant Professor (Selection Grade/Academic Level 12) who has completed three years of service at Academic Level 12 and a Ph.D degree in concerned/relevant discipline shall be designated as Associate Professor (Academic Level 13A) with a rationalised entry pay of Rs. 1,31,400. No teacher other than those who have completed Ph.D degree shall be promoted,

- designated or appointed as Associate Professor (Academic Level 13A). However, this is not applicable to those who have already been designated or promoted or appointed as Associate Professor before 11-7-2019.
- 8. Associate Professor (Academic Level 13A) after completing three years of service in the Academic Level 13A and possessing a Ph.D degree in the concerned/relevant discipline shall be eligible to be appointed and designated as Professor (Academic Level 14) at the rationalised entry pay of Rs. 1,44,200 subject to other conditions of academic performance as laid down in the University Regulations and in these Rules from time to time. No Teacher other than those with a Ph.D degree shall be promoted, appointed or designated as Professor at Academic Level 13A.
- 9. Professor (Academic Level 14) after completion of ten years of service at Academic Level 14 and possessing a Ph.D degree in the concerned/relevant discipline shall be eligible to be appointed as Senior Professor and designated as Senior Professor (Academic Level 15) at the rationalised entry pay of Rs. 1,82,200 subject to other conditions of academic performance as laid down in the University Regulations and in these Rules from time to time. No Teacher other than those with a Ph.D degree shall be promoted, appointed or designated as Senior Professor. Professors already in the service in the Higher AGP in the pre revised pay scales (STAGE VI) shall be redesignated as Senior Professor.
- 10. The minimum academic performance and service requirements for promotion of University teachers under CAS are provided in Table 5A.
- 11. The promotion criteria for teachers under CAS in the University are provided in Table 5B.
- 12. The constitution of Screening and Evaluation Committees for promotion of University Assistant Professors under CAS is provided in Table 5C.
- 13. The constitution of Selection Committee for promotion of teachers and equivalent cadres under CAS is provided in Table 2 along with direct recruitment.

## 2. University Librarians

- 1. Assistant Librarians entering the University shall be designated as University Assistant Librarian (Academic Level 10) with rationalised entry pay of Rs. 57,700.
- 2. University Assistant Librarian (Academic Level 10) possessing Ph.D in Library Science / Information Science / Documentation science / Archives and Manuscript-Keeping after completing service of four years at Academic Level 10, or M.Phil degree after completing service of five years in the Academic Level 10 or six years of service without Ph.D and M.Phil degrees shall become eligible for next academic level and designated as University Assistant Librarian (Senior Scale/Academic Level 11) with rationalised entry pay of Rs. 68,900. Assistant Librarian already in the service in the pre revised pay scales with AGP of Rs.7000 (Stage II) shall be redesignated as Assistant Librarian (Senior Scale).
- 3. On completion of service of five years, University Assistant Librarian (Senior Scale/Academic Level 11) shall be eligible for the post of University Assistant Librarian (Selection Grade/Academic Level 12) with rationalised entry pay of Rs.79,800 subject to their fulfilment of other conditions of eligibility as laid down in the University Regulations and in these Rules from time to time. Assistant Librarian already in the service in the pre-revised pay scales with AGP of Rs.8000 (Stage III) shall be re-designated as Assistant Librarian (Selection grade).
- 4. On completion of service of three years, University Assistant Librarian (Selection Grade/Academic Level 12) shall be eligible for the post of University Deputy Librarian (Academic Level 13A) with rationalised entry pay of Rs. 1,31,400 subject to their fulfilment other conditions of eligibility as laid down in the University Regulations and in these Rules from time to time.
- 5. University Deputy Librarian completing service of three years in the Academic Level 13A, possessing a Ph.D degree in Library Science/Information Science/ Documentation science/Archives

and Manuscript-Keeping and otherwise eligible as per conditions prescribed by the University Regulations and in these Rules from time to time shall be eligible to be considered for appointment to the post of University Deputy Librarian (Academic Level 14) with rationalised entry pay of Rs. 1,44,200.

- 6. The University Librarian already in service in the pre-revised pay scales with AGB of Rs. 10,000 shall be continued in the same designation with Academic Level 14.
- 7. The minimum academic performance and service requirements for promotion of Librarians under CAS in the University are provided in Table 6A.
- 8. The promotion criteria for Librarians under CAS in the University is provided in Table 6B.
- 9. The constitution of Screening and Evaluation Committees for promotion of University Assistant Librarians under CAS is provided in Table 6C.
- 10. The Assessment Criteria and Methodology for Librarians in the University is provided in Table 6D.
- 11. The constitution of Selection Committees for promotion of University Librarian cadres under CAS is provided in Table 2 along with direct recruitment.

## 3. University Directors of Physical Education and Sports

- 1. Assistant Director of Physical Education and Sports entering the University shall be designated as University Assistant Director of Physical Education and Sports (Academic Level 10) with rationalised entry pay of Rs. 57,700.
- 2. University Assistant Director of Physical Education and Sports (Senior Scale/Academic Level 10) possessing Ph.D degree in Physical Education or Physical Education and Sports or Sports Science after completing service of four years, or M.Phil degree after completing service of five years or six years of service without Ph.D and M.Phil degrees shall become eligible for next academic level and designated as University Assistant Director of Physical Education and Sports (Senior Scale/Academic Level 11) with rationalised entry pay of Rs. 68,900 subject to eligibility and academic qualifications laid down by the University Regulations and in these Rules from time to time. Assistant Director of Physical Education and Sports already in the service in the pre-revised pay scales with AGP of Rs.7000 (Stage II) shall be redesignated as Assistant Director of Physical Education and Sports (Senior Scale).
- 3. University Assistant Director of Physical Education and Sports (Senior Scale/Academic Level 11) after completing service of five years in Academic Level 11 shall be eligible for next academic level and designated as University Assistant Director of Physical Education and Sports (Selection Grade/Academic Level 12) with rationalised entry pay of Rs.79,800 subject to eligibility and academic qualifications laid down by the University Regulations and in these Rules from time to time. Assistant Director of Physical Education and Sports already in the service in the pre-revised pay scales with AGP of Rs.8000 (Stage III) shall be redesignated as Assistant Director of Physical Education and Sports (Selection grade).
- 4. University Assistant Director of Physical Education and Sports (Selection Grade/Academic Level 12) after completing service of three years shall be eligible for University Deputy Director of Physical Education and Sports (Academic Level 13A) with rationalised entry pay of Rs. 1,31,400 subject to eligibility and academic qualifications as laid down by the University Regulations and in these Rules from time to time.
- 5. University Deputy Directors of Physical Education and Sports (Academic Level 13A) after completing service of three years and a Ph.D degree in Physical education or Physical education and Sports or Sports Science shall be eligible for University Deputy Director of Physical Education and Sports (Academic Level 14) with rationalized entry pay of Rs. 1,44,200 subject to eligibility and academic qualifications laid down by the University Regulations and in these Rules from time to time.

- 6. The Director of Physical Education and Sports already in service in the pre-revised pay scales with AGB of Rs. 10,000 shall be continued in the same designation with Academic Level 14.
- 7. The minimum academic performance and service requirements for promotion of Directors of Physical Education and Sports under CAS in the University are provided in Table 7A.
- 8. The promotion criteria for Directors of Physical Education and Sports under CAS in the University is provided in Table 7B.
- 9. The constitution of Screening and Evaluation Committees for promotion of University Directors of Physical Education and Sports under CAS is provided in Table 7C.
- 10. The Assessment and Criteria methodology for Directors of Physical Education and Sports in the University are provided in Table 7D.
- 11. The constitution of Selection Committees for promotion of University Director of Physical Education and Sports cadres under CAS is provided in Table 2 along with direct recruitment.

## **Selection Procedure**

## 1. Assessment of the Performance of University Teachers for CAS Promotion

- a. Teaching-Learning and Evaluation The commitment to teaching based on observable indicators such as being regular to class, punctuality to class, remedial teaching and clarifying doubts within and outside the class hours, counselling and mentoring, additional teaching to support the University as and when the need arises, etc. Examination and evaluation activities like performing of examination supervision duties, question-papers setting for University examinations, participation in the evaluation of examination answer scripts, conducting examinations for internal assessment as per the schedule to be announced by the institution at the beginning of each Academic Session and returning and discussing the answers in the class.
- b. Research Activities Evaluation: Research Projects, Research Guidance, Publication of Research Papers/Book/Book Chapters, Creation of ICT mediated Teaching Learning Pedagogy and content and development of new and innovative courses and curricula/ICT mediated applications, etc.
- c. Extension Activities Evaluation: Extension and field based activities like Radio/TV programme/Front line demonstration/On field trial/Mass contact Programme/Animal Health Programme/Farmers Training/Skill Development Training, etc.
- d. Personal Development Related to Teaching Research, Extension and Service Activities: Organising Orientation/Refresher/Methodology courses, development of e-contents and MOOC 's, organising seminar/conference/workshop/presentation of papers and chairing of sessions/guiding and carrying out research projects and publishing the research output in national and international journals, etc.
- e. Participation and conduct of farmer centric activities.
- f. Administrative Support and Participation in Students' Co-curricular and Extra-curricular Activities.
- g. Service Activities Evaluation as prescribed in these Rules.

## 2. Assessment Process

The following three-step process is recommended for carrying out assessment for promotion under the CAS at all levels:

- **Step 1:** The University teachers shall submit an annual self-appraisal report in the prescribed Proforma to be designed based on Tables 1-8. The report should be submitted at the end of every academic year, within the stipulated time. The teacher will provide documentary evidence for the claims made in the annual self-appraisal report, which is to be verified by the HoD, etc. The submission should be through the Head of the Department (HoD). It is the responsibility of HoD to ensure that every detail provided is verified and a certificate should be given in this regard.
- **Step 2:** After completion of the required years of experience for promotion under CAS and fulfilment of other requirements indicated below, the teacher shall submit an application for promotion under CAS.

**Step 3:** A CAS promotion shall be granted on satisfying the provision of Appendix-1A of University Regulations and these Rules.

## 3. Assessment Criteria and Methodology

The constitution of the Selection Committees and Selection Procedure as well as the Assessment Criteria and Methodology for the above cadres, either through direct recruitment or through Career Advancement Scheme, shall bein accordance with the University Regulations and these Rules.

- a. Table 1A(i), 2, 3, 4A, 4B, 4C, 5A, 5B and 5C are applicable to the selection of Assistant Professor/Associate Professor/ Professor/ Senior Professor (except Engineering and Technology);
- b. Table 1A(ii), 2, 3, 4A, 4B, 4C, 5A, 5B and SC are applicable to the selection of Assistant Professor / Associate Professor / Professor (for Engineering and Technology;)
- c. Table 1B, 2, 4C, 6A, 6B, 6C and 60 are applicable to the selection of University Assistant Librarian, University Deputy Librarian and University Librarian; and
- d. Table 1C, 2, 4C, 7A, 7B, 7C and 70 are applicable to the selection of University Assistant Director of Physical Education and Sports, University Deputy Director of Physical Education and Sports and University Director of Physical Education and Sports
- e. The criteria for promotions under Career Advancement Scheme laid down shall be effective from the date of notification of these Rules. However, to avoid hardship to those faculty members who have already qualified or are likely to qualify shortly under the existing Rules, a choice may be given to them, for being considered for promotions under the existing University Regulations and Rules (TANUVAS Service Rules 2011). This option can be exercised only within three years from the date of notification of these Rules by the University.
- I. A University teacher who wishes to be considered for promotion under the GAS may submit in writing to the University, within three months in advance of the due date, that he/she fulfils all the requirements under the GAS and submit to the University the Assessment Criteria and Methodology Proforma as evolved by the University concerned supported by all credentials as per the Assessment Criteria and Methodology guidelines set out. In order to avoid any delay in holding the Selection Committee meetings for various positions under the GAS, the University may initiate the process of screening/selection and complete the process within six months from the receipt of application. Further, in order to avoid any hardship, the candidates who fulfill all other criteria mentioned in these Rules, as on and till the date on which these Rules are notified, can be considered for promotion from the date, on or after the date, on which they fulfill these eligibility conditions.
- II. The Selection Committee specifications as provided in Table 2 shall be applicable to all direct recruitments of faculty positions and equivalent cadres and Career Advancement promotions from Assistant Professor to Associate Professor, Associate Professor to Professor, Professor to Senior Professor and for equivalent cadres.
- III. The CAS promotion from a lower stage to a higher stage shall be conducted through a "Screening-cum-Evaluation Committee", following the criteria laid down in Tables 5B, 6B and 7B.
- IV. The promotion under the CAS being a personal promotion to a teacher holding a substantive sanctioned post, on his/her superannuation, the said post shall revertto its original cadre.
- V. For the promotion under the CAS, the applicant teacher must be on the role and in active service of the University/College on the date of consideration by the Selection Committee or Screening and Evaluation Committee as the case may be.
- VI. The candidate shall offer himself/herself for assessment for promotion, if he/she fulfils the minimum grading specified in the relevant Assessment Criteria and Methodology Tables, by applying and the required Assessment Criteria and Methodology Proforma. He/she can do so three months before the due date. The University shall send a general circular twice a year, inviting applications for the CAS promotions from the eligible candidates.

- i. If a candidate applies for promotion on completion of the minimum eligibility period and is successful, the date of promotion shall be from that of minimum period of eligibility.
- ii. If, however, the candidate finds that he/she would fulfils the CAS promotion criteria, as defined in relevant Tables at a later date and applies on that date and is successful, his/her promotion shall be effected from that date of the candidate fulfilling the eligibility criteria.
- iii. The candidate who does not succeed in the first assessment, he/she shall have to be reassessed only after one year. When such a candidate succeeds in the eventual assessment, his/her promotion shall be deemed to be one year from the date of rejection.
- VIII. Regarding the cases pending for promotions from one Academic Level/Grade Pay to another Academic Level/Grade Pay under the Career Advancement Scheme provided under the UGC Regulations on Minimum Qualifications for Appointment of Teachers and other Academic Staff in Universities and Colleges and Measures for the Maintenance of Standards in Higher Education 2010 and its subsequent amendments, the teachers shall be given the option to be considered for the promotion from one Academic Level/Grade Pay to another Academic Level/Grade Pay as per the following:
- (a) The teachers shall be considered for promotion from one Academic Level/Grade Pay to another as per the CAS under the Regulations (UGC Regulations 2018) and these Rules.

OR

- (b) The faculty members shall be considered for the promotion from one Academic Level/Grade Pay to another as per the CAS provided under the UGC Regulations on Minimum Qualifications for Appointment of Teachers and other Academic Staff in Universities and Colleges and Measures for the Maintenance of Standards in Higher Education 2010 and its amendments with relaxation in the requirements of Academic Performance Indicators(API) based Performance Based Appraisal System (PBAS) up to the date of notification of these Rules by the University and TANUVAS Service Rules 2011.
  - The relaxation 1n the requirements of Academic Performance Indicators (API) based Performance Based Appraisal System (PBAS) up to the date of notification of these Rules for the promotion from one Academic Level/Grade Pay to another under CAS as provided in UGC Regulations on Minimum Qualifications for Appointment of Teachers and other Academic Staff in Universities and Colleges and Measures for the Maintenance of Standards in Higher Education 2010 and its amendments is defined as under:
- i. Exemption from scoring under Category I, of said above mentioned UGC Regulations on Minimum Qualifications for Appointment of Teachers and other Academic Staff in Universities and Colleges and Measures for the Maintenance of Standards in Higher Education 2010 and its amendments including University Grants Commission (Minimum Qualifications for Appointment of Teachers and other Academic Staff in Universities and Colleges and Measures for the Maintenance of Standards in Higher Education) (4<sup>th</sup> Amendment), Regulations, 2016, for faculty and other equivalent cadre positions.
- ii. Scoring in Category 11 and Category 111 for faculty and other equivalent cadre positions shall be as provided for in the UGC Regulations on Minimum Qualifications for Appointment of Teachers and other Academic Staff in Universities and Colleges and Measures for the Maintenance of Standards in Higher Education 2010 with the following combined minimum API score requirement for Category II and Category III taken together, as mentioned in Tables 8A, 8B and *BC*.

**Note:** There shall be no minimum API score requirement for Category II and Category III individually.

## TABLE IA (i)

# MINIMUM REQUIREMENTS FOR DIRECT RECRUITMENT OF TEACHERS (OTHER THAN ENGINEERING AND TECHNOLOGY) IN THE UNIVERSITY

	Assistant Professor		Associate Professor	Professor	Senior Professor	
	(Academic Level 10)		(Academic Level 13A)	(Academic Level 14)	(Academic Leve 115)	
Eligi A.	A. A. A Master's degree in the concerned/relevant discipline with the minimum of 55% marks (or an equivalent grade in a point-scale, wherever the oradine system is followed)	  : :=:	Agood academic record, with a Ph.D degree in the concerned/relevant discipline. A Master's degree with the minimum of 55% marks (or an equivalent grade in a point scale,	A. A. An eminent scholar having a Ph.D degree in the concerned/relevant discipline, and published work of high cutality actively engaged in research	,	
≔	wherever are grazing system is forthwest, from an Indian University, or an equivalent degree from an accredited foreign University. Besides fulfilling the above qualifications, the candidate must have cleared the National Eligibility Test (NET) conducted by the UGC/ICAR/CSIR, or a similar test accredited by the UGC, like SLET/SET or who are or have been awarded a Ph. D. Degree in accordance with the UGC (Minimum	∷≣i	wherever the grading system is followed).  A minimum of eight years of experience of teaching and/or research in an academic/research position equivalent to that of Assistant Professor in a University, Collegeor Accredited Research Institution/industry*	with evidence of published work with a minimum of 10 research publications in the peer reviewed NAAS rated (4 1 nd above) journals (or equivalent UGC-listed journals) out of which three research papers (orie with NAAS rating 6 and above) should have been published as first/corresponding (Guide) author	<ul> <li>ii. A minimum of ten years of t eaching/ research experience as Professor or an equivalent grade in a University, College or an institute of National level.</li> <li>iii. The selection shall bebased on academic achievements, favourable review from three eminent subject experts who are not less than the rank of Senio r Professor or a Professor of at least ten years experience.</li> </ul>	r s
	Standards and Procedure for Award of M. Phil/Ph. D Degree) Regulations, 2009 or 2016 arid their amendments from time to time as the case may be exempted from NET/SLET/SET:  Provided, the candidates registered for the Ph.D programme prior to July 11, 2009, shall be governed by the provisions		with a minimum of seven publications in the peer reviewed NAAS rated (4 and above) journals (or equivalent UGC-listed journals) out of which three research papers should have been published as first / corresponding (Guide) author; and	ii. A minimum of ten years of teaching experience in University/ college asAssistant Professor/ Associate Professor and/or research experience at equivalent level at the University/ National Level Institutions with evidence of having success sfully guided a PG. (Ph D/Masters) candidate and	iv. The selection shall be based on ten best publications in peer- reviewed NAAS rated (3 articles with NAAS rating 6 and above, and others 4 and above) journals (or UGC equivalent listed journals) as	
	of the then existing Ordinances/Bye-laws/ Regulations of the Institution awarding the degree and such Ph. D candidates shall be exempted from the requirement of NET/ SLET/SET for recruitment and appointment of Assistant Professor or equivalent positions in   Universities/Colleges/ Ins itutions subject to the fulfilment of the following conditions:-	<u>.</u>	A total research score of Seventy five (75) as per the criteria given in Table 48.			
(a)	The Ph.D degree of the candidate has been awarded in a regular mode					
<b>p</b>	The Ph.D thesis has been evaluated by at least two external examiners					

	Assistant Professor (Academic Level 10)	Associate Professor (AcademicLevel13A)	Professor (Academic Level 14)	Senior Protessor (Academic Level 15)	
ତ ତି	An open Ph.D viva voce of the candidate has been conducted  The Candidate has published two research papers from his/her Ph.D work, out of which at least one is in a refereed journal;		iii. A total research score of 120 as per the criteria given in Table 4B.  OR  B. An outstanding professional, having a Ph.D degree in the relevant/allied/	first / corresponding (Guide) author and award of Ph.D degrees to at least t wo candidates or PG (Ph.D/Masters) degree to at least three candidates under his/her supervision during the last 10 years and interaction with the Selection Committee constituted as per	
ê	The candidate has presented at least two papers based on his/her Ph.D work in conferences/ seminars sponsored/funded/supported by the UGC/ICSSR/CSIR or any similar agency. The fulfilment of these conditions is to be certified by the Registrar or the Dean (Academic Affairs) of the University concerned.		applied disciplines, from any academic institutions/ industry*, who has made significant contribution to the knowledge in the concerned/allied/ relevant discipline, supported by documentary evidence provided he/she has ten vears experience		
Ž	Note: NET/SLET/SET shall also not be required for such Masters Programmes in disciplines for which NET/SLET/SET is not conducted by the UGC, CSIR or similar test accredited by the UGC, like SLET/SET.				
ы	The Ph.D degree has been obtained from.a foreign University/institution with a ranking among top 500 in the World University Ranking (at any time) by any one of the following:				
.; ; <u>;</u>	Quacquarelli Symonds (QS) Times Higher Education (THE) or				
ij	Academic Ranking of World Universities (ARWU) of the Shanghai Jiao Tong University (Shangh ai).				

\*The experience in the industry shall be relevant and shall be decided by the University with the approval of the Vice-Chancellor

# TABLE 1A (ii)

# MINIMUM REQUIREMENTS FOR DIRECT RECRUITMENT OF TEACHERS (ENGINEERING AND TECHNOLOGY) IN THE UNIVERSITY

Assistant Professor (Academic Level 10)  Eligibility (A or B):  i. B.E / B.Tech / B.S. and M.E / M.Tech / M.S or Integrated M.Tech in relevant branch with first class or equivalent in any one of the degrees with the minimum of 55% marks (or an equivalent grade in a point-scale, wherever the grading system is followed) from an Indian University, or an equivalent degree from an accredited foreign University.  i. If candidates are having Ph.D the same should have been awarded in accordance with the UGC (Minimum Standards and Procedure for Award of M.Phil/ Ph.D degree) Regulations, 2009 or 2016 and their amendments from time to time.  Provided, the candidates registered for the Ph.D programme prior to July 11, 2009, shall be governed by the provisions of the then existing Ordinances/ Bye-laws/Regulations of the Institution awarding the degree subject to the fulfilment of the following conditions:  a. The Ph.D degree of the candidate has been awarded in a regular mode  b. The Ph.D thesis has been evaluated by at least two	(Academic Level 13A)  i. Ph.D degree in the relevant field and First class or equivalent at either Bachelor's or Master's level in the relevant branch.  ii. At least total 7 research publications in SCI journals / UGC/AICTE/NAAS approved list of journals out of which three research papers should have been published as first / corresponding (Guide) author.  iii. A minimum of eight years of experience of teaching and / or research in an academic/research position equivalent to that of Assistant Professor in a University , College or Accredited Research Institution/industry*  iv. A total research score of Seventy five (75) as per the criteria given in Table 4B.	Frofessor  {Academic Level 14}  Eligibility (Aor B):  A.  i. Ph. D. degree in relevant field and Fir st class or equivalent at either Bachelor's or Master's level in the relevant branch.  ii. A Minimum of 10 years of experience in teaching/ research/ industry* out of which at least 3 years shall be at a post equivalent to that of an Associate Professor in SCI journals / UGC/ AICTE/NAAS approved list of journals and successfully guided at least 2 Ph.D candidates as Supervisor till the date of eligibility of promotion.  OR  At least 10 research publications at the level of Associate Professor in SCI journals / UGC/AICTE/NAAS approved list of journals till thedate of eligibility of promotion.  OR  At least 10 research publications at the level of Associate Professor in SCI journals till thedate of eligibility of promotion.  iv. A total research score of 120 as per the criteria given in Table 4B.	
external examiners An open Ph.D viva voce of the candidate has been conducted The Candidate has published two research papers from his/her Ph.D work, out of which at least one is in a refereed journal;		An outstanding professional, having a Ph.D degree in the relevant allied, applied disciplines, from any academic institutions/ industr y*, who has made significant contribution to the knowledge in the concerned/allied/relevant discipline, supported by documentary evidence provided he/she has ten years experience.	

Assistant Professor (Academic Level 10)	Associate Professor (Academic Level 13A)	Professor (Academic Level 14)
e. The candidate has presented at least two papers based on his/her Ph.D work in conferences/seminars sponsored / funded / supported by the UGC / ICSSR/ CSIR or any similar agency.		
The fulfilment of these conditions is to be certified by the Registrar or the Dean (Academic Affairs) of the University concerned.		
Note:		
Candidates who have done Ph.D after the Bachelor's Degree from institution of National importance with GATE/ GPAT/ CEED shall be eligible.		
OR		
B.		
Ph.L ersity orld llow		
1. Quacquarelli Symonds (QS) 11. Times Higher Education (THE) or		
ttt. Academic Ranking of World Universities (ARWU) of the Shanghai Jiao Tong University (Shanghai).		

\*The experience in the industry shall be relevant and shall be decided by the University with the approval of the Vice-Chancellor

TABLE IB

## a araci

MINIMUM REQUIREMENTS FOR DIRECT RECRUITMENT OF LIBRARIANS IN THE UNIVERSITY

S.No.		University Assistant Librarian (Academic Level 10)	University Deputy Librarian (Academic Level 13A)	University Librarian (Academic Level 14)
<del></del>		A Master's degree in Library Science, Information Science or Documentation Science or an equivalent professional degree, with the minimum of 55% marks (or an equivalent grade in a point-scale, wherever the gradingsystem is followed)  A consistently good academic record, with knowledge of computerization of a library.  Besides fulfilling the above qualifications, the candidate must have cleared the National Eligibility Test (NET) conducted by the UGC, ICAR, CSIR etc. or similar test accredited by the UGC like SLET/SET or who are or have been awarded a Ph.D Degree in accordance with the University Grants Commission (Minimum Standards and Procedure for Award of M.Phil/Ph.D Aegree) Regulations, 2009 or 2016 and their amendments from time to time as the case may be:  Provided that the, candidates registered for the Ph.D degree prior to July 11, 2009, shall be governed by the provisions of the Institution awarding the degree, and such Ph.D candidates shal I be exempted from the requirement of NET/SLET/SET for recruitment and appointment of Assistant  Professor or equivalent positions in Universities/Colleges/Institutions subject to the fulfilment of the following conditions:  a. The Ph.D degree of the candidate has been awarded in the regular mode  b. The Ph.D thesis has been evaluated by at least two external examiners;  c. Open Ph.D viva voce of the candidate  has been conducted;  d. The candidate has published two research papers from his in a refereed journal;  e. The candidate has presented at least two papers based on the Ph.D work in conferences/seminars sponsored/funded/supported by the UGC/ICAR/ICAR/ICSR/CSIR or any similar agency.	i. A Master's degree in Library Science/Information Science/Documentation Science with the minimum of 55% marks or an equivalent grade in a point-scale, wherever grading system is followed. ii. Eight years experience as an Assistant University Librarian/College Librarian. iii. Evidence of innovative library services including integration of ICT in librar y. A Ph.D degree in Library Science/ Information Science / Documentation Science/Archives and Manuscript Keeping.	i. A Master's degree in Library Science/Information Science/Documentation Science with the minimum of 55% marks or an equivalent grade in a point -scale wherever the grading system is followed. ii. At least ten years as a Librarian at any level in University Library or ten years of t eaching as Assistant Associate Professor in Library Science or ten years' experience as a College Librarian. iii. Evidence of innovative library services, including the integration of ICT in a library. iv. A Ph.D degree in librar y science / Archives and Manuscript-Keeping.  Manuscript-Keeping.
	Note:	e: The fulfilment of these conditions is to be certified by the Registrar of the Universit y or the Dean concerned.		

## TABLE IC

## MINIMUM REQUIREMENTS FOR DIRECT RECRUITMENT OF DIRECTORS OF PHYSICAL EDUCATION AND SPORTS IN THE UNIVERSITY

	Assistant Director of Physical Education and Sports (Academic Level 10)	Depu	Deputy Director of Physical Education and Sports (Academic Level 13A)	Director of Physical Education and Sports (Academic Level 14)	
Eligibil	Eligibility (A or B) :		Eligibility (A or B):	i. A Ph.D in Physical Education or Physica I Education and Sports or	
A. i. AMa	A Master's degree in Physical Education and Sports or Physical Education or Sports Science	:	A. A. Ph.D in Physical Education or Physical		
with	with the minimum of 55% marks (or an equivalent grade in a point -scale, wherever the grading system is followed)		Education and Sports or Sports Science. Candidates from outside the University	II. Experience of at least ten years in Physical Education and Sports	
ii. Reco	Record of having represented the University / college at the inter University / inter-collegiate competitions or the State and/ or national championships.	s <b>.</b>	system, with the minimum of 55% marks (or an equivalent grade in a point -scale, wherever	as University Assistant/Deputy DPES or ten years as College DDES or ten years	
iii. Besic	Besides fulfilling the above qualifications, the candidate must have cleared the National		grading system is followed) at the Master's degree level by the University concerned.	in Physical Education and Sports	
byth Fduc	Englothly Test (1651), conducted by the OCC, ICAR, CSIR etc. of a similar test accredited by the UGC, like SLET/SET, or who are or have been awarded a Ph.D Degree in Physical Education or Physical Education and Snorts or Snorts Science in accordance with the	::i	Eight years experience as University Assistant OPES/College DPES.	Associate Professor.	
Univ Ph.D	University Grants Commission (Minimum Standards and Procedure for Award of M.Phil/Ph.D Degree) Regulations, 2009 or 2016 and their amendments from time to time, as the	∷≓	Evidence of organizing competitions and conducting coaching camps of at least two	III. Evidence of organising competitions and coaching camps of at least two weeks'	
case	case may be:		weeksduration.	duration.	
Prov gove Instit	Provided that, candidates registered for the Ph.D degree prior to July 11, 2009, shall be governed by the provisions of the then existing Ordinances/ Bye-laws/Regulations of the Institutions awarding the degree and such Ph.D degree holders shall be exempted from the	. <u>x</u> .	Evidence of having produced good performance of teams/athletes for competitions like state/national/inter University/combined	<ul><li>iv. Evidence of having produced good performance of teams/ athletes for competitions like</li></ul>	
requi	requirement of NET/SLET/SET for recruitment and appointment of Assistant Professor or equivalent positions in Universities/Colleges / Institutions, subject to the fulfilment of the		University, etc.	state/ national/ inter University/	
follo		>	Passed the phy sical fitness test in accordance with these Rules.	combined on versity, etc.	
а. Ъ.	The Ph.D degree of the candidate has been awarded in regular mode; The Ph.D thesis has been evaluated by at least two external		OR		
		B.			
			An Olympic games/ World Cup/ World		
j D	The candidate has pub lished two research papers Ifo in his/ her Ph.D work out of which at leastone is in a refereed journal;		Championship medal winner who has a degree at least at the Post-Graduation Level.		
o	The candidate has presented at least t wo research papers in conference / seminar, based				
	on his/ her Ph.D work.				
Note: The fulfilme i. NET/SLET/ ii. Passed the OR	Note: The fulfilment of these conditions (a) to (e) is to be certified by the Registrar or the Dean (Academic Affairs) of the University concern ed.  i. NET/SLET/SET shall also not be required for such Mast ers Programmes in discip lin es for which NET/SLET/SET is not conducted by the U.  ii. Passed the physical fitness test conducted in accordance with these Rules.  OR  A A Mission Common and the control of	ersit y co	Academic Affairs) of the Universit y concern ed.  which NET/SLET/SET is not conducted by the UGC, CSIR or similar test accredited by the UGC like SLET/SET.	SLET/SET.	

B. An Asian game or Common wealth games meda I winner who has a degree at leastat Post -Graduation level.

certifying that he/she is medically fit before undertaking such tests Physical Fitness Test Norms of these Ru les all candidates (a) Subject to the (b) O<sub>I</sub>

king such tests.			I Up to SO Years	I 800 metres		I Up to SO Years	I 400 metres
cerniying mar ne/sne is medically in belore undertak	ms:		Up to 45 Years	1200metres		Up to 45 Years	600 metres
VIO are required to undertake the physical ithess test are required to produce a medical ectrifying that he/she is medically it before undertaking such tests.	nthe production of such certificatementioned, the candidate would be required to undertakethe physical fitness test in accordance with the following norms:	Norms for Men: 12 Minutes Run / W alk	Up to 40 Years	1500 metres	Norms for Women:8 M inutes Run / Walk	Up to 40 Years	800 metres
subject to the provisions of these Ku les, an candidates who are required to und	On the production of such certificatementioned, the candi		Up to 30 Years	1800 metres		Up to 30 Years	1000 metres

## TABLE 2

## CONSTITUTION OF COMMITTEES FOR DIRECT RECRUITMENT AND PROMOTION UNDER CAS OF TEACHERS AND EQUIVALENT CADRES IN THE UNIVERSITY

	Assistant Professor (Academic Level 10)	Associate Professor (Academic Level 13A)	Professor (Academic Level 14)	Senior Professor (Academic Level 15)
·i	Vice-Chancellor or his/her nominee, who has at least ten years of experience	i. Vice-Chancellor or his/her nominee, who has at least ten years of experience as	i. Vice Chancellor shall be the Chairperson of the Committee.	i. Vice Chancellor shall be the Chairperson of the Committee.
	as Professor, shall be the Chairperson of the Committee.	Professor, shall be the Chairperson of the	ii. An academician not below the rank of Professor nominated by the	ii. An academician not below the rank of Senior
:≓	An academician not below the rank of Professor nominated by the	ii. An academician not below the rank	Chancellor, wherever applicable.  iii. Three experts* in the subject/field	years experience who is the anominee of the
:	Chancellor, wherever applicable.	Of Frotessor nominated by the Chancellor, wherever applicable.		iii Three experts not helow the roult of a Senior
Ξ.	Three experts* in the subject concerned nominated by the Vice-Chancellor	iii. Three experts* in the subject/field	Vice Chancellor out of the panel of names approved by the Board of	
	out of the panel of names approved	Chancellor, out of the panel of names		ten years' experience in the subject field
	by the Board of Management of the University.	approved by the Board of Management	<ul><li>iv. Dean of the faculty/ Director concerned.</li><li>v. Head of the Department</li></ul>	out of the panel of names approved by the
.≥	the Faculty/ Director	iv. Dean of the faculty/ Director concerned.		Board of Management of the University.
	concerned.	v. Head of the Department:	SC/ST/OBC/ Minority/ Women/	in Dean of the Faculty/ Director concerned (not
>· ·		vi. An academician representing SC/ST/	Differently-abled categories, if any	below the rank of Senior Professor/ Professor
Z.	An academician representing ISC/S1/	OBC/ Minority / Women / Differently-	of the applicant to be	w Hand (not halow the rank of Sanior Drofacor)
	abled categories to be nominated by	abled categories, it any of candidates belonoing to any of these categories is	nominat ed by the Vice- Chancellor,	
	the Vice- Chancellor, if any of the	the applicant, to be nominated by the	if any of the above members of the	or Senior-most Professor (not
	candidates from any of these categories	Vice- Chancellor, if any of the above	selection committee does not belong	below the rank of Senior
	is an applicant and if any of the above	members of the selection committee	to that category.  At least four members including two	Professor/Professor, with a minimum of ten
	does not belong to that category	does not belong to that category.	outside subject experts, shall constitute	years' experience) of the Department.
	At least four members, including two	At least four members, including two	the quorum	vi. An academician (not below the rank of a
	outside subject experts, shall constitute	outside subject experts, snail consutute		Senior Professor/Professor with minimum
	the quorum	me duorum		ten years experience) representing SC/ST/
	•			OBC/ Minority/ Women / Diff erently abled
				g these categories is the applicant to be
				nominated by the Vice Chancellor, if any of
				the above members of the selection committee
				Town mountains including two controls
				Four members, including two outside subject experts, shall constitute the quorum.

except that in Library and Physical Education and Sports Administration, respectively, \*Practicing Librarian/Director Physical Education and Sports, as the case may be, shall be associated with the Selection Committee as one of the subject experts. Note: Selection Committees for the posts of University Directors/Deputy Directors (Academic level 14), Deputy Directors (Academic level 14), Deputy Directors of University Directors of University Deputy Librarians (Academic level 14), Deputy Librarians (Academic level 15), Deputy Librarians (Academic level 16), Deputy Librarians (Academic level 17), Deputy Librarians (Academic level 17), Deputy Librarians (Academic level 17), Deputy Librarians (Academic level 18), Deputy Librarians

TABLE 3

# SELECTION CRITERIA FOR DIRECT RECRUITMENT OF TEACHERS IN THE UNIVERSITY

Basic eligibility	Assistant Professor (Academic Level 10) Minimum Qualification as stipulated in the Regulations,	Associate Professor (Academic Level 13A) Minimum Qualification as stipulated in the Regulations,	Professor (Academic Level 14) Minimum Qualification as stipulated in the Regulations,	Senior Professor* (Academic Level 15) Minimum Qualification as stipul ated in the Regulations,
	APPENDIX-IA	APPENDIX-IA	APPENDIX-IA	APPENDIX-IA
Research		75	120	·
Score				
Selection	Academic Score (70 %),	Academic/Research Score (80 %)	Academic/Research Score (80 %)	Academic/Research/Extension
criteria and	Research Publications (10 %),	[75 (40 marks) to 150 and above	[120 (40 marks) to 240 and	Ac. hievements,
Weightage	Teaching/Research Experience (10	(80 marks) - on pro rota basis]	above (80 marks) - on pro rota	Review from Eminent Ext ernal
	(%)	and	basis]	Experts on publications and
	and	Interview performance (20 %)	and	Interaction performance
	Intervie w performance (10 %)		Int erview performance (20 %)	

\*Not applicable for teachers in Engineering and Technology

## **TABLE 4A**

## ASSESSMENT CRITERIA AND METHODOLOGY FOR TEACHERS IN THE UNIVERSITY

S.No.	Activity	Grading (	Criteria	
1.	Colleges:  Teaching: Regu larity in taking classes (Classes taught include sessions on tutorials and laboratories, and other teaching related activities including infrastructure development)	80% & above	Good	
	Farms / Laboratory / Extension centre / Clinics:  Regular ity in attendi ng the farm / laborat ory / Extension Centre/ Clinical duties  Others (Staff in University/ Directorates/ CFTU / CECONDS / UPD. etc.):	Below 80% but 70% & above	Satisfactory	
	Regul arity in attending the assigned duties  {Calculated in terms of percentage of days of classes taught I attended duty to the total number of days expected to teach I attend duty)	Less than 70%	Not sati sfactory	
2.	Involvement in the University/College students related activities/r esearch activities:  (a) Adminis t rative responsibi lities such as University Officer / Special Officer/ Head.  (b) Examination and evaluation duties assigned by the College/ University or attending the Examination Paper evaluation/Internshipclasses.  (or)  Animal Production activities like Culling / Animal purchase / Valuation / Feed form ulat io n and Production	Good - Involved activities  Satisfactor activities  Not-satisfac	<b>ry</b> - 1-2	
	(or)  Animal Clinical and Health serviceslike Clinical case study/ Spe cial problem study/ Sample screening and analysis  (or)	involved / undertaken any of the activities <b>Note:</b>		
	Extension and field-based activities like Radio/ T.V programme/ Front line demonstration / On-field tria 1 / Mass contact Programme / Animal Health Programm e / Farmers' train ing / Skill development training  (or)	Number of act within or acro categorieso	ss th e broad	
	Technical assistance in University and Directorat es (Technical officer)/ CECONDS / UPD  (c) Student related co-curricular, extension and field based activities such as Studen t clubs, Ward counselling, Career counselling (Placement Cell), Study visits/t ours, Stu den t seminars and other events, Vice-President, Warden, Deputy Warden, Cultural , Sports, NCC, NSS, Community services and Officer -Incharge like Library, Cooperative Store, Vehicle, Canteen, Sanita ry, Security, Research Coordinator, etc.			
	Cooperative Store, Vehicle, Canteen, Sanita ry, Security, Research Coordinator, etc.  (d) Organising Sem in ars/ Conferen ces/ Workshops and other College/University activities (including Judging panel, conduct of Scientific session as Chairman, Cochairman, Rapporteur, Chairman/Member of Comm itt ee).			
	(e) Evidence of actively involved in guiding Post-graduate students / conducting minor or major Research project.			
	(f) Edito rial Committee / Chairman/Member of Committee at the University/ State/ National / International level			
	(g) At least one single or joint publication in peer-rev iewed NAAS rated or UGC/AICTE-li st ed / SCI jo urnals			

## **Overall Grading:**

Good: Good in teaching and Satisfactory or Good in activity at SI.No.2.

Satisfactory: Satisfactory in teaching and Good or Sati.sfactory in activity at

SI.No.2. Not Satisfactory: If neither Good nor Satisfactory in overall grading

Note: For the purpose of assessing the grading of Activity at Seria I No. 1 and Seria I No. 2, all such periods of duration which have been spent by the faculty on different kinds of paid leaves such as Maternity Leave, Child Care Leave, St udy Leave, Medical Leave, Extraordinary Leave and Deputation shall be excluded from the grading assessment. The faculty shall be assessed for the remaining period of duration and the same shall be extrapolated for the entire period of assessment to arrive at the grading of the faculty. The faculty on such leaves or deputation as mentioned above shall not be put to any disadvantage for promotion under CAS due to his/ her absence from his/ her teaching responsibilit ies subject to the condition that such leave/deputation was undertaken with the prior approval of the competent authority following all procedures laid down in these Rules and as per the Acts, Statutes, Regulation s and Ordinances/Amendment s of the University.

## **TABLE 4B**

## METHODOLOGY FOR CALCULATING ACADEMIC/RESEARCH SCORE FOR TEACHERS IN THE UNIVERSITY

(Assessment must be based on evidence produced by the faculty such as: copy of publications, project sanction letter, utilisation and completion certificates issued by the University and acknowledgements for patent filing and approval letter s, stud ents' Ph.D award letter, etc.)

S.No.	Academic / Research Activity	Score
1.	Research Papers in Peer-Reviewed NAAS rated or UGC listed Journ als*	2-30 per Paper
2.	Publications (other than Research pap ers)* *	
	(a) Books authored which are published by	
	International Publisher s	12
	National Pub lishers	10
	Chapter in Book	03
	Ed i tor of Book	- 05
	(b) Translation works in Indian and Foreign Languag es (Published)	
	Book	08
	Chapter or Research Paper	03
	(c) Book in local vernacular language (Tamil) (Published)	
	Book	02
	Chapter or Rese arch Paper	01
	Creation of ICT mediated Teaching Learning pedagogy and content and	
3.	development of new and innovative courses and curricula/ ICT mediated	
	applications	
	(a) Development of Innovative pedagogy	05
	(b) Design of new curricula and courses	02 per Curricu la/ Course
	(c) M OOCs	
	Development of complete MOOCs in 4 quadra nts (4 credit course) (In case of	20
	MOOCs of lesser credits 05 marks/credit)	
	MOOCs (developed in 4 quadrant) per module/ lecture	05
	Content writer / subject matter expert for each module of MOOCs (at least	02
	one-quadrant)	02
	Course Coordinator for MOOCs (4 credit course)	08
	(In case of MOOCs of lesser credits 02 marks/cred it)	
	(d) e-Content (including Online/ Distance-mode course)	
	Development/review of e-Cont ent in 4 quadrants for a complete course/e- book	12
	e-Content (developed/reviewed in 4 quadrants) per module (Unit)	05
	Contribution to development/reviewingof e-content module in complete	02
	course/paper/ e-book (at least one quadrant)	02
	Edit or of e-content for complete course/paper/e-book	10
	(e) ICT Mediated Applications (completed)	10
	[Developer/ Coordin ator]	
	Web application (We b- Porta 1)	08
	[M ax. 01 No. / Assessment]	
	Mobil e Application	04
	[M ax. 03 Nos./ Assessment]	04
	Video/ Audio lesson, IT advisory system, Touch-screen Kiosk (Application)	02
	[Max. 03 Nos./ Assessment]	02
4.	Research Guidance (Chairman)	
+.	Ph.D	10 per degree awarded
	FII.D	
	Masters Division	05 per thesis submitted
	Masters Degree	06 per degree awarded
	DOD: 1 /MAN	03 per thesis submitted
	PG Dip loma / M.Phil	02 per degree awarded

	Academic/ Research Activity	Score
1.	Research Projects (Completed)	
2.	More than 01 crore	20
	SO lakhs to below 01 crore	16
	25 lakhs to below SO lakhs	12
	10 lakhs to below 25 lakhs	08
	02 lakhs to below 10 lakhs	04
	01 lakh to below 02 lakhs	02
	(b) Research Projects (Ongoing)	
	More than 01 crore	10
	50 lakhs to below 01 crore	08
	25 lakhs to below SO lakhs	06
	10 lakhs to below 25 lakhs	04
	02 lakhs to below 10 lakhs	02
	01 lakh to below 02 lakhs	01
	(c) Consultancy Projects (Completed)	-
	Above 05 lakhs	03
	01 lakh to below 05 l akhs	02
	0.1 lakh to below 01 lakh	01
	(d) Student-Projects/Sub-Projects (Completed)/	01
	(e) Foundation Faculty (3 Years for College/ 1 years for Station/Centre	OS per year
6.	(a) Patents	Os per year
0.	International	10
		10
	National (C.) (The Control of the Co	07
	(b) #Policy Document (Submitted to an International body/ organisation	10
	International	10
	National	07
	State	04
	(c) Academic Awards/ Fellowship	
	International (Reputed Institution / Organisation)	07
	National (Reputed Institution / Organisation)	05
	State (Reputed Institution / Organisation)	03
	University	02
	College	01
	Professional Fellowship	01
	Professional Bodies/ Societies / University Appreciation	0.5
	(d) Technology/ Product/ Process deve loped (Approved)	03
	(e)#Revenue Generated (per annum)	OS
	(f) #Farmers Producers Organization (FPO)/Farmers Interest Group (FIG)	02
7.	#Invited lectures / Resourc e Per son / Paper presented in	
	International (Abroad)	08
	International (within country)	06
	National	04
	State/University	02
8.	#Workshops/ Summer/Winter Schools/ Training/	
	Above 02 weeks	04
	Above 01 week - 02 weeks	02

## \*The Research score for research papers would be augmented as follows:

Peer-Reviewed NAAS rated or UGC/AICTE-listed / SCI (Impact factor to be determined as per Thomson Reut er's list) Journ als:

NAAS below 4	(Paper in refereed journals without impact factor)	2 Points
NAAS 4 - be low 6		5 Points
NAAS 6 - below 7	(Paper with impact factor below 1)	10 Points
NAAS 7 - below 8	(Paper with impact factor between 1 and below 2)	15 Points
NAAS 8 - below 13	(Paper with impact factor between 2 and below 5)	20 Points
NAAS 13 - below 16	(Paper with impact factor between 5 and below 10)	25 Points
NAAS 16 and above	(Paper with impact factor 10 and above)	30 Points

- a) Two authors: 70% of tota I value of publication for each author.
- b) More than two authors: 70% of tota I value of publicat ion for the First/ Corresponding author (Guide) and 30% of total value of publication for each of the joint authors.

## \*\*The Research score for Publications, other than Research papers (Book/ Book Chapters), would be augmented as follows:

- a) Two authors: 70% of tota I value of publication for each author.
- b) More than two authors: 70% of total value of publication for the First author and 30% of total value of publication for each of the joint authors.

## \*\*The Research score for Publication of Papers presented in Seminars/Symposiums/Conferences would be augmented as follows:

- a) Two authors: 70% of tota-I value of publication for each author.
- b) More than two authors: 70% of total value of publication for the First / Presenting (Guide / Pl/Co Pl) author and 30% of total value of publication for each of the joint authors.

## Note:

- ❖ Paper presented in Semina rs / Sympo sium / Confe rences and if published as part/chapter of edited book or proceedings then it can be claimed only once.
- For ICTMediated Applications (completed), Co-developer/ Co-coord inator would get 30% each.
- For Research guidance, the members of the advisory committee would get 10% each.
- For Joint Projects, Co-investigator/ Co-coordinator/ Scientist In-charge would get 30% each.
- For Technology/Product/Process developed, the Co-wo rkers would get 20% each.
- ❖ For Revenue Generated, all the contributors would get the same score.
- ❖ For FPO/FIG / Developing or inducting a Starter/ Ent r epreneur/ In cubator, Co-coordinator would get 30% each.
- ❖ For Workshops/Summer/ Winter Schools / Training/ Short -course obtained and organized (International/ National/ State/ University) / Farm Radio School organized, the Co-Organizing Secretary / Co-Convener/ Co-Course Director/ Co-Coordinat or / Chair man/Member would get 20% each.
- \* #For the purpose of calculating research score of the facult y, the combined research score from the categories of 6(b). Policy Document, 6(e) Revenue Generated, 6(f} Farmers Producers Organization (FPO)/Farmers Interest Group (FIG) / Developing or inducting a Starter/Entrepreneur / Incubator, 7. Invited lectures I Resource Person / Paper presented in Sem in ars / Symposiums / Conferences and 8. Workshops / Summer/Winter Schools / Training/Short- course (including paid programme) obtained and organized (Internationa l/ National/ State/ Univer sity) / Farm Radio School organized shall have an upper capping of 30 percent of the total research score of the faculty concerned.

The research score shall be from the minimum of FOUR categories out of EIGHT categories.

## TABLE 4C ASSESM ENT CRITERIA FOR DIRECT RECRUITM ENT OF ASSETANT PROFESORS AND EQUIVALENT CADRESIN THEUNIVERSITY

S. No.	Performance	Score			1	Rema rks				
1.	Graduation	18								
				4 Point	t GPA	10 Point GPA		Marks		
				2.50 and	l below	6.000 and below	W	9.0		
			A	bove 2.5	0 to 2.75	Above 6.000 - 6.5	500	10.5		
			A	bove 2.7	5 to 3.00	Above 6.500 - 7.0	000	12.0		
			A	bove 3.0	0 to 3.25	Above 7.000 - 7.5	500	13.S		
			I I	Above 3.2	25 - 3.50	Above 7.500 - 8.0	000	15.0		
			I I	Above 3.5			500	16.S		
			<del>                                     </del>		3.75	Above 8.500		18.0		
2.	Post-Graduations	3 0	4 Point GPA		7 Point GPA	10 Point GPA	% M	arks	Marks	
			2.50 and belo	ow	4.50 and belo w	7.00 and bel ow	70 aı	nd below	15.0	
			Above 2.50 -	2.75	Above4.50-4.75	Above 7.00 - 7.50	Abov	/e 70.0 - 75.0	17.5	
			Above 2.75 -	3.00	Above 4.75 - 5.00	Above 7.50- 8.00	Abov	/e 75.0 - 80.0	20.0	
			Above 3.00 -	3.25	Above 5.00- 5.50	Above 8.00 - 8.50	Abov	ve 80.0 - 85.0	22.5	
			Above 3.25 -		-	Above 8.50 - 9.00		ve 85.0- 90.0	25.0	
			Above 3.50 -	3.75	Above 6.00 - 6.50			/e 90.0 - 95.0	27.5	
			Above 3.75		Above 6.50	Above 9.50	Abov	/e 95.0	30.0	
3.	Ph.D / M.Phil/	12								
Post-Doc / Additional			M.Phil *			2.0 marks		Maxim		
	qualifications	alifications		1.5.	7.0 marks	lion i ani	100	7.0 mai		
	(Releva nt)		4 Point GPA		nt GPA	l 0 Point GPA	- 1	M arks	M arks	
			2.50 and below		7.00 and below		- 1.0	and below	3.5	
			Above 2.50 - 2.75		e 4.50 - 4.75	Above 7.00 - 7.50		ove 70.0 - 75.0	4.2	
			Above 2.75 - 3.00		e 4.75 - 5.00	Above 7.50 - 8.00		ove 75.0 - 80.0	4.9	
			Above 3.00 - 3.25		re 5.00~5.50	Above 8.00 - 8.50 Above 8.50 - 9.00		ove 80.0 - 85.0	5.6	
			Above 3.25 - 3.50 Above 3.50		re 6.00	Above 8.50 - 9.00 Above 9.00		ove 85.0- 90.0 ove 90.0	7.0	
			Post-Doc	Abov	0.5 marks (2-6 mo		Ab	ove 90.0	7.0	
			1 OSC-DOC		1.0 mark (Above 6	ove 6 mont hs- 1 year) Maximum 3.0 marks				
					3.0 marks (Above	• /		5.0 marks		
			Additional qualifi	cations		,		Maximum		
		Additional qualifications (Relevant):  Degree 1.0 mark				2.0 marks				
			PG Diploma 0.5 mark							
4.	4. Awards {Academic} International Level (Reputed Institution/O rganization)					<u> </u>				
			ization)	5.0 mark s per award						
National Level (Reputed Institution/O rgan State- Level (Reputed Institution/Organi		3.0 marks per award								
				2.0 marks per aw	2.0 marks per award					
			Univ ersity level	Oll/Olgan	iizatioii)	1.0 mark per awa	1.0 mark per award in PG programme			
			(Awards for UG / F	PG progra	amme)	0.5 marks per aw	1.0 mark per award in PGprogramme 0.5 marks per award in UGprogramme {M aximum 4.0 marks}			
			College level (Awards for UG /	PG prog	ramme)	0.5 marks per aw 0.25 marks per a {M aximum 3.0	vard in ward ir	PG programme UG programme	e	
			Profe ssional Socie (Best Presentation			0.25 marks per a	ward			
		1			- / ) /	0.25 marks per award {Maximum 2.0 marks}				

S. No .	Perfor m an ce	Score		Remarks			
5.	Research Publicat ions	10	Research paper published	Ма	rk (s) per paper		
	(in the Peer - Reviewe d NAAS Rated or UGC/		in Journal with NAAS rating* *	First au t hor	Co-author		
	AICTE listed / SCI Journals)		Above 6.00	2.0	Co-authors will equally		
	Journals)		Above 5.00 to 6.00	1.5	share among themselves		
			Above 4.00 to 5.00	1.0	50% of the marks specified		
			4.00 and below 0.5		for the first author.		
6.	Teaching/ Research Experience	10	Assistant Professor/ Teaching Assistant / Research Associate (Gol norms) or equivalent  SRF / Graduate Assistant (wit h PG degree)  1.0 mark per year				
			JRF/ Graduate Assistant/ Field service AAVIN, etc.)/ Private and Others (rel	e (VAS,   0.5 mg/levant).   {Ma	(VAS, 0.5 marks per year (Maximum 2.0 marks)		
7.	In terview	10					
	Total	100					

## Note:

\$For Engineering and Technology, Candidates who have done Ph.D after the Bachelor's Degree from Institution of National importance with GATE/ GPAT/ CEED,full scare for post-graduation shall be awarded.

- \*If the score for Ph.D is awarded, the score for M.Phil shall be ignored. For the Ph.D degree obtained from a foreign University/institution with a ranking among top 500 in the World University Ranking (at any time) by any one of the following:
- (i) Quacquarelli Symonds (QSJ (ii) the Times Higher Education (THE) or (iii) the Academic Ranking of World Universities (ARWU) of the Shanghai Jiao Tong University (Shanghai), full scoreshall be awarded.
- \*\*Follow NAAS Ratings/ NAAS Score of Scientific Journals in the respective year of publication. For non-NAAS rated journals, impact factor (Thompson Reuter), h index etc. of the Journal will be considered. The screening committee with the approval of the Vice-Chancellor shall decide the marks.
- \* However if the period of teaching/Rese ar ch e xperience is less than one year then the marks shall be red uced proportionately.

## **WEIGHTAGE**

SI. No.	Performance	Score
1	Academic Score	70 marks
2	Research Publications	10 marks
3	Teaching / Research Experience	10 marks
4	Int erview	10 marks
	Total	100 marks

 $\label{lem:minimum} Minimum\ qualifying\ marks\ for\ consideration\ of\ selection\ for\ SC/ST\ is\ 35\%\ and$   $for\ other\ categories\ 40\%$ 

TABLE SA

# MINIMUM SERVICE REQUIREMENTS AND ACADEMIC PERFORMANCE FOR PROMOTION OF TEACHERS UNDER CAS IN THE UNIVERSITY

2	A			
3.140	1031	Service requirement	Minimum Academic refrormance Requirements and Screening/Selection Criteria	Promotion criteria
-	Assistant Professor (Academic Level 10) to Assistant Professor (Senior Scale/ Academic Level 11)	An Assistant Professor who has completed four years of service with a Ph.D degree or fiv e years of service with a M. Phil / PG Degree in Professional Courses, such as M.V.Sc, M. E/ M. Tech, etc., or six years of service in case of those without a Ph.D/M.Phil/ PG Degree in a Professional course	i. Attended one Orientation course of 21 days duration on teaching methodology; ii. Any one of the following: Completed Refresher/ Research Methodology Course/ Workshop/ Syllabus Upgradation Workshop/ Training Teaching-Learning-Evaluation, Technology Programmes/ Faculty Development Programmes of at least one week (5 days) duration, or taken one MOOCs (with e-certification) / PG Diploma / Online course or development of e-contents in four-quadrants / MOOC's course during the assessment period; and iii. Published one research pub lication as first author in the peer-reviewed journals with NAAS rating 4 and above (or equivalent UGC/AICTE listed / SCI journals) from the work carried out in the Unive rsity (other than Post-graduate research work) during the assessment period	i. He/ she get s a 'satis factory' or 'good' grade in the annual performance assessment report s of at least three/four/five of the last four/ five/ six years of the assessment per iod as the case may be (as provided in Table 4A), and; ii. The promotion is recomm ended by the screening-cum evaluation committee.
7	Assistant Professor (Senior Scale/ Academic Level 11) to Assistant Professor (Selection Grade/ Academi c Level 12)	i. Assistant Professors who has completed five years of ser.vice in Academic Level 11/Senior Scale. ii. A Ph.D Degree in the subject concerned/relevant discipline.	i. Has done any two (one outside the State) of the following in the last five years of Academic Level 11/Senior Scale: Completed a course / programme from amongst the categories of Refresher Courses/Research Methodology/ Worksh9ps/ Syllabus Up-gradation Workshop/ Teaching-Learning-Evaluation/Technology Programmes/ Faculty Development Programme of at least two weeks (ten days) duration (or completed two courses of at least one week (five days) duration in lieu of every single course / programme of at least two weeks (ten days) duration or completed one MOOCs / PG diploma / online course in the relevant subject (with e certification); or cont ribution towards the development of e-cont en in 4-quadrant (at least one quadrant) minimum of 10 modules of a course/contribution towards the development of at least 10 modules of MOOCs course during the period of assessment. ii. Published three research pub lications as first author in the peer-reviewed journals with NAAS rating 4 and above (or equivalent UGC/AICTE listed / SCI journals) during assessment neriod.	i. He/ she gets a 'sat isfacto ry' or 'good' grade in the annual performance assessment reports of at least four of the last five years of the assessment as provided in Table 4A), and; ii. The promotion is recommended by the screening-cum evaluation committee.

<ul> <li>i. He/she gets a 'sat isfact ory' or 'good' grade in the annual performance assessment reports of at least two of the last three years of the assessment period as specified in Table 4A, and has a research score of at least 70 as perTable 4B, and;</li> <li>ii. The promotion is recommended by a selection committee constituted in accordance with these Rule s</li> </ul>	i. He/ she gets 'satisfactory' or 'good' grade in the annual performance assessment reports of at least two of the last three years of the assessment period, as per Table 4A, and at least 110 research score, as per Table 4B, and; ii. The promotion is recommended by a selection committee constituted in accordance with these Rules	i. The promotion shall be based on academic achievement and favourable review from three eminent subject-exp erts who are not lower than the rank of a Senior Professor or a Pro fesso r having at least ten years' of experience, and; ii. The selection shall be based on 10 best publications during the last 10 years and interaction with a Selection Committee constituted in accordance with these Rules
i. pleted one course / programme from amongst the categories of Refresher Courses/ Resea rch Methodology Workshops/ Syllabus Up-gradation Workshop/ Teaching-Learning-Evaluation / Technology Programme/ Faculty Development Programme of at least two weeks (ten days) duration (or completed two courses of at least one week (five days) duration in lieu of every single course/ programme of at least two weeks (ten days) duration); or completed one MOOCs / PG Diploma / Online course (with e- certification); or contribution towards the development of e content in 4-quadrant (at least one quadrant) minimum of 10 modules of a course/contribution towards development of at least 10 modules of MOOCs course/ contribution towards conduct of a MOOCs course during the periodof assessment.  ii. A minimum of seven publications in the peer-reviewed NAAS rated (4 and above)) journals (or equivalent UGC/AICTE-listed / SCI journals) out of which three research papers should have been published as first / corresponding (Guide) author during the assessment period.  iii. Evidence of having guided at least one PG(PhD / Masters) candidate (or) obtained a external research project worth a	i. A minimum of Ks.3 Lakhs  I. A minimum of ten research publications in the peer-reviewed NAAS rated(4 and above) journals (orequivalent UGC/AICTE-listed / SCI journals) out of which three research papers (one with NAAS rating 6 and above) should have been published as first / corresponding (Guide) author during the assessment period  ii. Evidence of having guided at least one PG (PhD / Masters candidate (or) obtained a external research project worth a minimum of Rs. 10 Lakhs	i. A minimum of ten research publications (3 articles with NAAS rating 6 and above, and others 4 and above) in NAAS rated peer-reviewed journals (or equivalent UGC/AICTE-listed / SCI journals) out of which three research pa_pers as first corresponding (Guide) author should have been published during the assessmentperiod ii. Ph.D degree has been successfully awarded to two candidates or PG (PhD/ Masters) degree has been successfully awarded to three candidates under his/her supervision during the assessment period (or) obtained an external research project worth a minimum of Rs.20Lakhs
i. Assistant Professors who has completed three years of service in Academic Level 12/Selection Grade. ii. A Ph.D Degree in the subject concerned /relevant discipline.	An Associate Professor who has completed three years of service in Academic Level 13 A.     ii. A Ph.D degree in the subject concerned/allied/relevant discipline.	i. Ten years' experience as Professor.
Assistant Professor (Selection Grade/ Academic Level 12) to Associate Professor (Academic Level 13A)	Associate Professor (Academic Level 13A) to Professor (Academic Level14)	Professor (Academic Level14)to Senior Professor (Academic Level 15)
3	4	ν,

TABLE SB

# PROMOTION CRITERIA FOR TEACHERS UNDER CAS IN THE UNIVERSITY

ont and		
	1	Int eraction with Selection Committee
'Satisfactory' or 'Good' grade in the annual performance assessment reports of at least two of the last three years of the assessment period	110	Selection Committee
'Satisfactory' or 'Good' grade in the annual performance assessment reports of at least two of the last three years of the assessmentperiod	70	Selection Committee
Satisfactory' or 'Good' grade in the annual performance assessment reports of at least four of the last five years of the assessment period	1	Screening and Evaluation Committee
'Satisfactory' or 'Good' grade in the annual performance assessment reports of at least three/four/five of the last four/ five/six years of the assessment period as the case may be	1	Screening and Evaluation Committee
Assessment (Activity and Grading criteria) (Minimum Requirement)	Academic/ Research Score (Minimum Requirement)	Expert assessment system
-	2	3
	'Satisfactory' or 'Good' grade in the annual performance assessment reports of at least three/four/five of the last four of assessment period as the period as the case may be a substant or 'Good' grade in the annual performance assessment reports of at least three/four/five of the last four of the last five years of the assessment period as the case may be a satisfactory' or 'Good' grade in the annual performance assessment assessment performance assessment performance assessment reports of at least two of the last three years of the assessment period as the assessment period as the case may be a satisfactory' or 'Good' grade in the annual performance assessment performance assessment reports of at least two of the last three years of the assessment period as the assessment period as the case may be a satisfactory' or 'Good' grade in the annual performance assessment performance assessment reports of at least two of the last three years of the assessment period as the assessment period as the assessment period as the case may be a satisfactory' or 'Good' grade in the annual performance assessment reports of at least two of the last three years of the assessment period as the as	'Satisfactory' or 'Good' grade in the annual performance assessment reports of at least three/four/five of the last four of assessment period as the case may be 70 Satisfactory' or 'Good' grade in the annual performance assessment performance assessment performance assessment performance assessment reports of at least three/four/five of the last four of the last five years of the assessment period as the 70 III0

## TABLE SC

# CONSTITUTION OF SCREENING AND EVALUATION COMMITTEES FOR PROMOTION OF ASSISTANT PROFESSORS UNDER CAS IN THE UNIVERSITY

Assistant Professor		Assistant Professor
(Academic Level 10 to Academic Level 11)	7)	(Academic Level 11 to Academic Level 12)
i. The Vice-Chance llor or his/her nominee shall be the Chairperson of the Committee;	i. The Vice-Chanc	The Vice-Chancellor or his/her nominee shall be the Chairperson of the Committee;
ii. The Dean of the Faculty/Director concerned;	ii. The Dean of the	The Dean of the Faculty/ Director concerned;
iii. The Head of the Department; and	iii. The Head of th	The Head of the Department; and
iv. One subject expert in the subject concerned nominated by the	iv. One subject exp	One subject expert in the subject concerned nominated by the
Vice-Chancellor from the University panel of experts	Vice-Chancello	Vice-Chancellor from the University panel of experts
(Three members, including one subject expert/University nominee, shall quorum)	(Three members, include constitute the quorum)	(Three members, including one subject expert/ University nominee, shall constitute the constitute the quorum)

TABLE 6A

## MINIMUM SERVICE REQUIREMENTS AND ACADEMIC PERFORMANCE FOR PROMOTION UNDER CAS FOR LIBRARIANS IN THE UNIVERSITY

S.No	Post	Service requirement	Minimum Academic Performance Requirements and Screening/Selection Criteria	Promotion criter ia
1	University Assistant Librarian (Academic Level 10) to University Assistant Librarian (Senior Scale/Academic Level 11)	An Assistant Librarian who is in Academic Level 10 and has completed four years of service having a Ph.D degree in Library Science/ Information Science/ Documentation Science oran equivalent degree or five years' of Service, having at least a M.Phil degree, or six years of service for those without a M.Phil or a Ph.D degree	i. He/she has attended at least one Orientation course of 21 days' duration; and ii. Training, Seminar or Workshop on automation and digitalisation, maintenance and related activities, of at least 5 days, as per Table 6D	i. He/she gets a 'sati sfactory'or 'good' grade in the annual performance assessment reports of at least three/ four/five out of the last four/five/six years of the assessment period as the case may be as specified in Table 6D, and; ii. The promotion is recommended by ascreening-cum-evaluation committee
2	University Assistant Librarian (Senior Scale/Academic Level 11) to University Assistant Librarian (Selection Grade / Academic Level 12)	He/she has completed five years of service as Assistant Librarian (Senior Scale/Academic Level 11)	He/she has done any two of the following in the last five years:  I. Training/Seminar/Workshop/ Course on automation and digitalisation,  Maintenance and other activ ities as per Table 6D of at least two weeks (ten days) duration (or completed two courses of at least one-week (five days) duration in lieu of every single course/programme of at least two weeks (ten days) duration), iii. Taken/developed one MOOCs course in the relevant subject (with e-certification), or  Library up-gradation course	i. He/she gets a 'sati sfactory' or 'good' grade in the annual performance assessment report s of at least four out of the last five years of the assessment period, as specified in Table 6D, and; ii. The promotion is recommended by ascreening-cum-evaluation committee
$\kappa$	University Assistant Librarian (Selection Grade/ Academic Level 12)to University Deputy Librarian (Academic Level 13A)	i. He/she has completed three years of service as Assistant Librarian (Selection Grade / Academic Level 12)	He/she has done any one of the following in the last three years:  i. Training/Seminar/Workshop/ Course on automation and digitalization, ii. Maintenance and related activities as per Table 6D of at least two weeks (tendays) duration, iii. Completed two courses of at least one week (five days) duration in lieu of every single course/programme of at least two weeks (ten days)duration), iv. Taken/developed one MOOCs course in the relevant subject (with e-certification), and v. Library up-gradation course.	i. He/she gets a 'satisfactory' or 'good' grade in the annual performance assessment reports of at least two out of the last three years of the assessment period, as specified in Table 6D, and; ii. The promotion is recommended by a selection committee constituted in accordance with these Rules
4	University Deputy Librarian (Academic Level 13A) to University Deputy Librarian (Academic Level 14)	i. He/she has completed three years of service as Deputy Librarian (Academic Level 13A) ii. A Ph.D Degree in Library Science / Information Science/ Documentation /archives and Manuscript - Keeping	<ul> <li>i. He/she has done any one of the following in the last three years:</li> <li>a. Training/ Seminar/ Workshop / Course on automation and digitalization,</li> <li>b. Maintenance and related activities as per Table 6D of at least two weeks (tendays)duration,</li> <li>c. Completed two courses of at least one week (five days) duration in lieu of every single course/programme of at least two weeks (ten days)duration,</li> <li>d. Taken/developed one MOOCs course in the relevant subject (with e- certification), and</li> <li>e. Library up-gradationcourse.</li> <li>ii. Evidence of innovative library services, including the integration of ICT in a library</li> </ul>	i. He/she gets a 'satisfactory' or 'good' grade in the annual performance assessment reports of at least two out of the last three years of the assessment period, as specified in Table 6D, and; ii. The promot ion is recommended by a selection committee constituted in accordance with the se Rules

## TABLE 6B

# PROMOTION CRITERIA FOR LIBRARIANS UNDER CAS IN THE UNIVERSITY

## TABLE 6C

# CONSTITUTION OF SCREENING AND EVALUATION COMMITTEES FOR PROMOTION OF ASSISTANT LIBRARIAN S UNDER CAS IN THE UNIVERSITY

Univers ity Assistant Librarian	(Academic Level 11 to Academic Level 12)	<ul> <li>i. The Vice-Chancellor or his/her nominee shall be the Chairperson of the Committee;</li> <li>ii. The Dean of the Faculty;</li> <li>iii. The University Librarian;</li> <li>iv. One subject expert in the subject concerned nominated by the Vice-Chancellor from the University panel of experts.</li> <li>(Three members, including one subject expert/University nominee, shall constitute the quorum)</li> </ul>
University Assistant Librarian	(Academic Level 10 to Academic Level 11)	<ul> <li>i. The Vice-Chancellor or his/ her nominee shall be the Chairperson of the Committee;</li> <li>ii. The Dean of the Faculty;</li> <li>iii. The University Librarian;</li> <li>iv. One subject expert in the subject concerned nominated by the Vice-Chancellor from the University panel ofexperts.</li> <li>(Three member s, includin g one subject exp ert/ Universit y nominee, shall constitute the quorum)</li> </ul>
	S.No.	

## TABLE 6D

# ASSESSMENT CRITERIA AND METHODOLOGY FOR LIBRARIANS IN THE UNIVERSITY

_			
	S.No.	Activity	Grading Criteria
I	i	Regularity of attending library (calculated in terms of percentage of days attended to the total number of days he/ she is expected to attend) While attending in the library, the individual is expected to undertake, inter alia, following itemsof work:  • Library Resource and Organization andmaintenance of books, journals andreports.  • Provi sion of Library reader services such as literatu re retrieval services to researcher s and analysis of report.	Good - 90% and above Satisfactory - Below 90% but 80% and above Not satisfactory -Lessthan 80%
I	7	Conduct of seminars/workshops related to library activity or on specific books or genre of books.	Good - I National level seminar/ workshop + I State/institution level workshop/Seminar Satisfactory - 1 National level seminar/ workshop or 1 state level seminar/ workshop + I institution level seminar/ workshop or 4 institution seminar //workshop  Unsatisfactory- Not falling in above two categories
	.;	If library has a computerized database then  OR  If library does not have a computerized database	Good - 100 % of physical books and journals in computerized database.  Satisfactory - At least 99% of physical books and journal s in computerized database.  Unsatisfactory - At least 99% of physical books and journal s in computerized database.  OR  Good - 100 % Catalogue database made up to date Satisfactory - 90% catalogue database made up to date  Unsatisfactory - Catalogue database not up to mark.
	4.	Checking inventory and extent of missing books	(To be verified in random by the CAS Promotion Committee)  Good: Checked inventory and missing book less than 0.5%  Satisfactory - Checked invent ory and missing book less than 1%  Unsatisfactory - Did not check inventory Or Checked inventory and missing books 1% or more.
1	v.	<ol> <li>Digitisation of books database in institution having no computerized database.</li> <li>Promotion of library network.</li> <li>Systems in place for dissemination of information relating to books and other resources.</li> <li>Assistance in collegeadministration and governance related work including work done during admissions, examinations and extracurricular activities.</li> <li>Design and offer short-term courses for users.</li> <li>Publications of at least one research paper in UGC approved journals.</li> </ol>	Good: Involved in any two activities  Satisfactory: At least one activity  Not Satisfactory: Not involved/ undertaken any of the activities.
<u> </u>	Overall Grading	Good: Good in Item 1 and satisfactory/good in any two other items including Item 4.  Satisfactory: Satisfactory in Item 1 and satisfactory / good in any other two items including Item 4. Not satisfactory: If neither goodnor satisfactory in overall grading.	tem 4. Not satisfactory: If neither good nor satisfactory in overall grading.
<u>~ ·</u>	Note:	TO SECOND	•

ΞΞ

It is recommended to use ICT technology to monitor the attendance of library staff and compute the criteria of assessment.

The Librarian must submit evidence of published paper, participation certificate for refresher or methodology course, successful research guidance from Head of Department of the concerned department, project completion.

The system of tracking user grievances and the extent of grievances redressal details may also be made available to the CAS promotion committee. (<u>;</u> ; <u>;</u>

## **TABLE 7A**

# MINIMUMSERVICE REQUIREMENTSANDACADEMICPERFORMANCE FOR PROMOTION UNDER CAS FOR DIRECTORS OF PHYSICAL EDUCATIONAND SPORTS IN THE UNIVERSITY

i. He/she getsa 'satisfactory' or 'good' grade in the annual performance assessment report s of at I east three/four/five of the last four/five/six years of the assessment period as the case may be, as specified in Table 7D; and in Table 7D; and in Table 7D; and cum-evaluation committee	i. He/she gets a 'satisfactory' or 'good' grade in the annual perfo mance assessment reports of at least four out of the last five years' of the assessment period as specified in Table7D, and;  ii. The promotion is recommended by a screening-cum-evaluation committee	i. He/she gets a 'satisfac tory' or 'good' grade performance assessment reports of at least two out of the last three years of the assessment period as specified in Table 7D, and; ii. The promotion is recommended by a selection committee constituted in accordance with these Rules	i. He/she gets a 'satisfactory' or 'good' grade performanc e assessment reports of at least two out of the last three years of the assessment period as specified in Table 7D, and; ii. The promotion is recommended by a selection committee constitute d in accordance with these Rules
He/she has attended one Orientation course of 21 days' duration; and  He/she has done any one of the following: (a)Completed Refr esher / Research Methodology Course/workshop,  Day Training Teaching-Learning-Evaluation Technology Programme/ Faculty Development Programme of at least 5 days duration and  (with e certification).	I. He/she has done any two of the following in the last five years: Completed one course / programme from among the categories of refresher courses, research methodology workshops, Teaching-Learning-Evaluation Programmes / Faculty Development Programmes of at least two weeks (ten days) duration, Completed two courses of at least one week (five days) duration in lieu of every single course/programme of at least two weeks (ten days) duration, and and Taken/developed one MOOCs course in the relevant subject (with e-certification).		<ol> <li>He/she has done any one of the following during last three years:         <ul> <li>Completed one course / programme from among the categories of Refresher Courses, Research Methodology Workshop,</li> <li>Teaching_Learning_Evaluation Technology Programmes / Faculty Development Programmes of at least two weeks (ten days) duration (or completed two courses of at least one week (five days) duration in lieu of every single course/programme of at least two weeks (ten days) duration),</li> <li>Taken / developed one MOOCs course in relevant subject (with e-certification).</li> <li>Evidence of organising competitions and coaching camps of at least two weeks duration.</li> <li>Evidence of naving produced good performance of teams/athletes for competitions like state/national/inter_University/combined University, etc.</li> </ul> </li> </ol>
i. He/she has completed four years of service with in A Ph.D degree in Physical Education or Physical Education & Sports or Sports Science or five years of service with an M.Phil degree or six years of service for those without an M.Phil or Ph.D degree	i. He/she has completed five years of service as University Assistant Director of Physical Education and Sports (Senior Scale/ Academic Level 11)	i. He/she has completed three years of service as University Assistant Director of Physical Education and Sports (Selection Grade/ Academic Level 12)	i. He/she has completed three years of service as University Deputy Director of Physical Education and Sports (Academic Level 13 A) ii. A Ph.D in Physical Education or Physical Education and Sports or Sports Science
	.2	University Assistant Director of Physical Education and Sports (Selection Grade-Academic Level 12)to University Deputy Director of Physical Education and Sports (Academic Level 13A)	University Deputy Director of Physical Education and Sports (Academic Level 13A) to University Deputy Director of Physical Education and Sports (Academic Level 14)
OINGIIII	i. He'she has completed four years of service with a Ph.D degree in Physical Education or Physical Education o	i. He/she has completed four years of service with  a Ph.D degree in Physical Education or Physical Education & Sports Science or five years of service with an M.Phil degree or six years of service with an M.Phil degree or six years of service or flows without an M.Phil degree or six years of service or properties of those without an M.Phil degree or six years of service for those without an M.Phil degree or six years of service for those without an M.Phil degree or six years of service for those without an M.Phil degree or six years of service for those without an M.Phil of the service of the servi	i. Heske has completed four years of service with  a PLD degree in Physical Education or Physical Education and Sports (Sentor Selection Crabby State of the Course).  I. Heske has completed five years of service in the State of the Course o

TABLE 78

# PROMOTION CRITERIA FOR DIRECTORS OF PHYSICAL EDUCATION AND SPORTS UNDER CAS IN THE UNIVERSITY

S.No.	Criteria	University Assistant Director of Physical Education and Sports (Academic Level 10 to Academic Level 11)	University Assistant Director of Physical Education and Sports (Academic Level 11 to Academic Level 12)	University Assistant Director of Physical Education and Sports to University Deputy Director of Physical Education and Sports (Academic Level 12 to Academic Level 13A)	University Deputy Director of Physical Education and Sports (Academic Level 13A) to University Deputy Director of Physical Education and Sports
-	Assessment (Activity and Grading criteria) (Minimum Requirement)	'Satisfactory' or 'Good' grade in the annual performance assessment reports of at least three/four/five of the last four/five/six years of the assessment period as the case may be.	Satisfactor y' or 'Good' grade in the annual performance assessment reports of at least four of the last five years of the assessment period.	'Satisfactory' or 'Good' grade in the annual performance assessment reports of at least two of the last three years of the assessment period.	(Academic Level 14) 'Satisfactory' or 'Good' grade in the annual performance assessment reports of at least two of the last three years of the assessment period.
7	Academic/ Research Score (Minimum Requirement)	I	1	-	-
3	Expert assessment system	Screening and Ev aluation Committee	Screening and Evaluation Committee	Selection Committee	Selection Committee

## **TABLE 7C**

## CONSTITUTIONOFSCREENINGANDEVALUATION COMMITTEES FOR PROMOTION OF ASSISTANT DIRECTORS OF PHYSICAL EDUCATION AND SPORTS UNDER CAS IN THE UNIVERSITY

S.No.	University Assistant Director of Physical Education and Sports	University Assistant Director of Physical Education and Sports
	(Academic Level 10 to Academic Level 11)	(Academic Level 11 to Academic Level 12)
	i. The Vice-Chancellor or his/her nominee shall be the Chairp erson of the Committee;	i. Tre Vice-Chance llor or hi s/ her nominee shall be the Chair person of tl:le Committee;
	ii. The Dean of the Faculty;	ii. Deao of the Facolty;
	iii. The University Director, Physical Education and Sports / University Sport s Secretary.	iii. To University Director, Physical Education and Sports / University Sports Secretary;
	iv. One subject expert in the subject concerned nominated by the Vice- Chancellor	iv. the subject expert In the sobject concerned nominated by the Vice - C ancellor from the University panel of experts.
	from the University panel ofexperts.	(Three members, including one subject expert / Universit y nominee, shall constitute the
	(Three members, including one subject expert/University nominee, shall constitute the quorum)	quorum)

## TABLE 7D

## ASSESSMENT CRITERIA AND METHODOLOGY FOR DIRECTORS OF PHYSICAL EDUCATION AND SPORTS IN THE UNIVERSITY

S. No.	Activity	Grading Criteria
1	Attendance calculated in terms of percentage of days attended to the total number of days he is expected to attend.	Good - 90 and above Satisfactory - Above 80 but below 90 Not satisfactory -Less than 80
2.	Organizing intra college competition	Good - Intra college competition in more than 5disciplines.  Satisfactory - Intra college competition in 3-5 disciplines. Unsatisfactory - Neither good norsatisfactory.
3.	Institution participating in external competitions	Good - National level competition in at least one discipline plus State/District level competition in at least 3 disciplines.  Satisfactory- State level competition in at least one discipline plus district level competition in at least 3 disciplines.  Or  District level competition in at least 5 disciplines.  Unsatisfactory - Neither good nor satisfactory.
4.	Up-gradation of sports and physical training infrastructure with scientific and technological inputs.  Development and maintenance of playfields and sports and physical Education facilities.	Good/Satisfactory/Not-Satisfactory To be assessed by the Promotion committee.
5.	i. At least one student of the institution participating in national/ state/ University (for college levels only) teams. Organizing state/national/inter University/intercollege level competition.  ii. Being invited for coaching at state/national level.  iii. Organizing at least three workshops in a year.  iv. Publications of at least one research paper in UGC approved journal. Assistance in college administration and governance related work including work done during admissions, examinations and extracurricular college activities.	Good - Involved in any two activities. Satisfactory - 1 activity Not Satisfactory- Not involved/ undertaken any of the activities.
Overall Grading	<b>Good:</b> Good in Item 1 and satisfactory/good in any two ot satisfactory/good in any other two items. <b>Not Satisfactory:</b>	· · · · · · · · · · · · · · · · · · ·

## Note:

- i) It is recommended to use ICT technology to monitor the attendance of sports and physical education and compute the criteria of assessment.
- ii) The institution must obtain student feedback. The feed -backs must be shared with the concerned Director of Physical and Education and Sports and also the CAS Promotion committe e.
- iii) The system of tracking user grievances and the extent of grievance redressal details may also be made available to the CAS Promotion Committee.

TABLE 8A

# MINIMUM APIREQUIREMENT FOR THE PROMOTION OF TEACHERS UNDER CAS IN THE UNIVERSITY

S.No.	Criteria	Assistant Professor	Assistant Professor	Assistant Professor	Associate Professor
		(Stage 1, AGP Rs. 6000)	(Stage 2, AGP Rs. 7000)	(Stage 3, AGP 8000)	(Stage 4, AGP Rs. 9000)
		to	to	to	to
		Assistant Professor	Assistant Professor	Associate Professor (Stage 4,	Professor
		(Stage 2, AGP Rs. 7000)	(Stage 3, AGP Rs. 8000)	AGP 9000)	(Stage 5, AGP Rs. 10000)
1	Research and Academic	40/assessment period	100/assessment period	90/assessment period	120/assessment period
	contribution (Category III)				
2	Expert assessment system	Screening and Evaluation	Screening and Evaluation		
		Committee	Committee	Selection Committee	Selection Committee

## TABLE 8B

# MINIMUM API REQUIREMENT FOR THE PROMOTION OF LIBRARIANS UNDER CAS IN THE UNIVERSITY

S.No	Criteria	Assistant Librarian (Stage 1, AGP Rs. 6000) to Assistant Librarian (Stage 2, AGP Rs.7000)	Assistant Librarian (Stage 2, AGP Rs. 7000) to Assistant Librarian (Stage 3, AGP Rs. 8000)	Assistant Librarian (Stage 3, AGP 8000) to Deputy Librarian (Stage 4, AGP 9000)	Deputy Librarian (Stage 4, AGP Rs. 9000) to Deputy Librarian (Stage 5, AGP Rs. 10000)
-	Research and Academic contribution (Category III)	40/assessment period	100/assessment period	90/assessment period	120/assessment period
2	2 Expert assessment system	Screening and Evaluation Committee	Screening and Evaluation Committee	Selection Committee	Selection committee

## TABLE 8C

## MINIMUM API REQUIREMENT FOR THE PROMOTION OF DIRECTOR OF PHYSICAL EDUCATION AND SPORTS UNDER CAS IN THE UNIVERSITY

SI.No.	Criteria	Assistant Director of Physical Education (Stage 1, AGP Rs. 6000) to Assistant Director Physical Education (Stage 2, AGP Rs. 7000)	Assistant Director Physical Education (Stage 2, AGP Rs. 7000) to Assistant Director Physical Education (Stage 3, AGP Rs. 8000)	Assistant Direct or Physical Education (Stage 3, AGP Rs. 8000) to Deputy Director Physical Education (Stage 4, AGP Rs. 9000)	Deputy Director Physical Education (Stage 4, AGP Rs. 9000) to Deputy Director Physical Education (Stage 5, AGP Rs. 10000)
_	Research and Academic contribution (Category III)	40/assessment period	100/assessment period	90/assessm ent period	120/ assessm ent period
2	Expert assessment system	Screeni ng and Evaluation Committee	Screening and Evaluat ion Committee	Select ion Committee	Selection committee

## Last recruitment of supporting staff in the University

	Category	Date of conduct of last	No. of posts called	No.of posts filled
		recruitment	for	
1.	Electrician Gr.II	30.05.2017 & 31.05.2017	06	6
2.	Wireman-Gr.II	30.05.2017 & 31.05.2017	05	4
3.	Boiler man Gr-II	30.05.2017 & 01.06.2017	02	1
4.	Plumber	30.05.2017 & 01.06.2017	04	4
5.	Driver	27.06.2017 to 29.06.2017	07	7
6.	Mill operator	04.07.2017	01	1
		<b>Year 2018-1</b> 9	)	
1.	Wireman-Gr.II	30.05.2017 & 31.05.2017	-	1
2.	Drau. Officer Gr-III	31.08.2017 & 01.09.2017	01	1
3.	Asst.Draf.man-Civil	31.08.2017	01	1

## Recruitment procedure for Staff (Administrative and supporting staff)

Sl. No	Name of the posts and Scales of pay	Qualification	Method of Selection	Constitution of Selection Committee	Appointing authority
1(a).	Administrative Officer Rs.15600-39100 + 5400 (GP) in PB 3.	Minimum General     Educational qualification     According to seniority in the cadre of Superintendent .	By promotion from among the Superintendents.		Registrar with the approval of the Vice-Chancellor.
1(b).	Assistant Registrar (Exams) Rs.15600-39100 + 5400 (GP) in PB 3.	<ol> <li>Minimum General         Educational qualification</li> <li>According to seniority in         the cadre of Superintendent.</li> </ol>	By promotion from among the Superintendents.		Registrar with the approval of the Vice-Chancellor.
2.	Accounts Officer Rs.15600-39100 + 5400 (GP) in PB 3.	Minimum General     Educational qualification.     According to seniority     in the cadre of Assistant     Accounts Officer.	By promotion from the post of Assistant Accounts Officer.		Registrar with the approval of the Vice-Chancellor.
3.	Assistant Accounts Officer Rs.9300-34800 + 4600 (GP) in PB 2.	<ol> <li>Minimum General Educational Qualification.</li> <li>According to Seniority in the cadre of Superintendent with minimum of five years of service in the post of Superintendent and with B.Com or Accountancy Lower Grade with A.T.S.Part.II.</li> </ol>	By promotion from among the Superintendents		Registrar with the approval of the Vice-Chancellor.
3a *	Manager Rs.9300-34800 + 4900 (GP) in PB 2.	By promotion from among the Superintenden ts as per seniority	By promotion from among the Superintenden ts as per seniority		
4.	Assistant Law Officer Rs.9300-34800 + 4600 (GP) in PB 2.	<ol> <li>A Law degree of a recognised University (B.L., L.L.B., B.G.L., or B.A.L.)</li> <li>Knowledge in Typewriting and Shorthand.</li> <li>Experience in handling legal cases and must possess good capacity in drafting court documents.</li> <li>Knowledge of labour laws and matters connected with labour and employment.</li> <li>Possess antecedents of good conduct and character.</li> </ol>	By promotion from among the Assistants/ Superintendents		Registrar with the approval of the Vice-Chancellor.

5.	Superintendent/ Senior Accountant: Rs.9300-34800 + 4450 (GP) in PB 2.	<ol> <li>Minimum General Educational Qualification.</li> <li>According to seniority in the cadre of Assistant.</li> </ol>	By promotion from among the post of Assistant.		Registrar.
6.	Assistant Rs.5200-20200 + 2400 (GP) in PB 1.	<ul> <li>(1) Minimum General Educational Qualification.</li> <li>(2) A.T.S. Part-I</li> <li>(3) According to seniority in the cadre of Junior Assistant / typist / Steno – typist.</li> </ul>	By promotion from among the post of Junior Assistant /Typist /Steno- typist.		
7.**	Junior Assistant Rs.5200-20200 + 2000 (GP) in PB 1.	1. Pass in P.U.C. / H.Sc. or any other qualification recognised equivalent thereto. Preference will be given to degree holders.  2Certificate course in Computer on Office Automation □ awarded by the Directorate of Technical Education.  Note-1: -Candidates who do not possess the said qualification awarded by Technical Education Department may also sponsored. If selected, they should acquire such qualification within the period of their probation. The probation will be declared in their cases only after getting a pass in the said Certificate course. Otherwise they will be dealt with as per the provision under General Rule 27 of Tamil Nadu State and Subordinate services □.  Note-2: Those who possess Degree or Diploma in Computer Science or Computer Engineering as one of the subjects approved by the University Grants Commission / All India Council for Technical Education / Directorate of Technical Education for passing the -Certificate Course in Computer on Office Automation □ conducted by the Directorate of Technical Education.	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available, the Collector/ Employment Exchange shall be addressed.	(a) Registrar- Chairman (b) One University Officer nominated by Vice- Chancellor - Member. (c) One Head of Department nominated by Vice- Chancellor - Member.	Registrar.

<sup>\*\*</sup> Modified by U.O.No.60035/RI/2005, dated 13.5.2005 effective from 16.05.2005, further modified by U.O.No.601 95/ R.I/2010, dated 29.03.2010 with effect from 22.07.2008.

* 8.	Steno-typist Gr.I Rs.9300-34800 + 4300 (GP) in PB 2.		By promotion from the post of Steno-typist Gr.II	 Registrar.
**	Steno-typist Gr.II	•••	By promotion	 Registrar.
8(a)	Rs.9300-34800 + 4200 (GP) in PB 2.		from the post of Steno-typist Gr.III	

<sup>\*</sup> Inserted by G.O.Ms.No.256, P & AR (Per-B) Dept. dated 1.8.92 and G.O.Ms.No.284, P & AR (Per-B) Dept. dated 19.8.92 with effective from 4.3.2002.

<sup>\*\*</sup> Modified by U.O.No.60035/RI/2005, dated 13.5.2005 effective from 16.05.2005.

8(b).	Steno- typist Gr.III Rs.5200- 20200 + 2400 (GP) in PB 1.	<ol> <li>Minimum General Educational Qualification. Preference will be given to degree holders.</li> <li>(a) Typewriting English and Tamil Higher and Short hand English and Tamil Higher or</li> <li>(b) Typewriting English and Tamil Higher and Short hand English Lower and Tamil Higher or</li> <li>(c) Typewriting English and Tamil Higher and Short hand English Higher and Tamil Lower.</li> <li>Explanation:         <ul> <li>Item (b) will be recruited if item (a) is not available and item (c) will be recruited if item (a) and (b) are not available.</li> <li>—Certificate course in Computer on Office Automation awarded by the Directorate of Technical Education.</li> <li>Note-1: —Candidates who do not possess the said qualification awarded by Technical Education Department may also sponsored. If selected, they should acquire such qualification within the period of their probation. The probation will be declared in their cases only after getting a pass in the said Certificate course. Otherwise they will be dealt with as per the provision under General Rule 27 of Tamil Nadu State and Subordinate services □.</li> <li>Note-2: Those who possess Degree or Diploma in Computer Science or Computer Engineering as one of the subjects approved by the University Grants Commission / All India Council for Technical Education / Directorate of Technical Education or an equivalent body may be exempted from passing the —Certificate Course in Computer on Office Automation □ conducted by the Directorate of Technical Education.</li> </ul> </li> </ol>	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available, the Collector/ Employment Exchange shall be addressed.		Registrar- Chairman One University Officer nominated by Vice- Chancellor - Member. One Head of Department nominated by Vice- Chancellor - Member.	Registrar.
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<sup>\*\*</sup> Modified by U.O.No.60035/RI/2005, dated 13.5.2005 effective from 16.05.2005, further modified by U.O.No.60195/R.I/2010, dated 29.03.2010 with effect from 22.07.2008.

*9(a).	Typist Grade-I Rs.5200- 20200 +2400 (GP) in PB 1.	Promotion from the category of Typists.	By promotion from the post of Typist who have put in a total of 18 years of service and opted to remain in the Typist line in accordance with the seniority of Typists.		Registrar.
**9(b).	Typist Rs.5200- 20200 + 2000 (GP) in PB 1 with special pay as prescribed for Tamil Nadu Government Employees.	1. Minimum General Educational Qualification. Preference will be given to degree holders. 2.(a) Typewriting English Higher and Typewriting Tamil Higher or (b) Typewriting English Lower and Typewriting Tamil Higher or (c) Typewriting English Higher and Typewriting Tamil Lower. Explanation: Item (b) will be recruited if item (a) is not available and item (c) will be recruited if item (a) and (b) are not available. 3. —Certificate course in Computer on Office Automation □ awarded by the Directorate of Technical Education.  Note-1: —Candidates who do not possess the said qualification awarded by Technical Education Department may also sponsored. If selected, they should acquire such qualification within the period of their probation. The probation will be declared in their cases only after getting a pass in the said Certificate course. Otherwise they will be dealt with as per the provision under General Rule 27 of Tamil Nadu State and Subordinate services □.  Note-2: Those who possess Degree or Diploma in Computer Science or Computer Engineering as one of the subjects approved by the University Grants Commission / All India Council for Technical Education or an equivalent body may be exempted from passing the — Certificate Course in Computer on Office Automation □ conducted by the Directorate of Technical Education.	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	(a) Registrar- Chairman (b) One University Officer nominated by Vice- Chancellor - Member. (c) One Head of Departme nt nominated by Vice- Chancellor -Member.	Registrar.

<sup>\*</sup> Sl.No.9 substituted by 9(a) & 9(b) effective from 15.2.1994 by U.O.No.60149/R.I/97, dated 9.9.1997.

<sup>\*\*</sup> Modified by U.O.No.60035/RI/2005, dated 13.5.2005 effective from 16.05.2005, further modified by U.O.No.60195/R.I/2010, dated 29.03.2010 with effect from 22.07.2008.

10(a) 10(b)	Telephone Senior Supervisor Rs.9300- 34800/- + Rs.4200/- G.P. in P.B.2 with special pay Telephone Supervisor Rs.5200-20200/- + Rs.2800/- G.P. in P.B.1 with special pay	According to Seniority in the cadre of Telephone Supervisor with minimum of seven years of service in the post of Telephone Supervisor.  (1) Minimum General Educational Qualification; (2) Pass in the Telephone Operator's training recognized / issued by the Government of India / Tamil Nadu	By promotion from among the Telephone Supervisors.  (i) By Promotion from the category of Telephone Operator (or)  (ii) By Direct Recruitment	(b)	nominated by Vice- Chancellor– <i>Member</i> One Head of Department nominated by Vice- Chancellor –	Registrar Registrar
10 (c)	Telephone Operator Rs.5200-20200/- + Rs.2400/- G.P. in P.B.1 with special pay	(1) Minimum General Educational Qualification; (2) Pass in the Telephone Operator's training recognized / issued by the Government of India / Tamil Nadu	By Recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector / Employment Exchange shall be addressed.	(b)	Member:  Registrar -Chairman One University Officer nominated by Vice- Chancellor - Member One Head of Department nominated by Vice - Chancellor - Member	Registrar
11.	Record Clerk Rs.4800-10000 + 1400 (GP) in PB 1.	(1) Must have completed S.S.L.C. (X Std.)	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government . If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.		One University Officer nominated by Vice-Chancellor - Chairman. One Head of Department/ Stations and One Senior Scientist nominated by Vice-Chancellor -Members.	Registrar.

<sup>\*</sup>Inserted vide UO No.60149/R1/2011, dated 30.11.2011

12.	(a) Office Assistant / Duffadars Rs.4800- 10000 + 1300 (GP) in PB 1A.	(1) Pass in III Form or VIII Standard (2) Good Physique (3) Must know cycling (4) Experience in Office works such as entry of tapals stitching of bills Despatch of Tapals and other Office works etc	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	(a) Registrar-Chairman (b) One University Officer nominated by Vice- Chancellor – Member (c) One Head of Department/ Stations nominated by Vice- Chancellor - Member.	Registrar.
	(b) Attendant Rs.4800- 10000 + 1300 (GP) in PB IA.	(1) Pass in III Form or VIII Standard (2) Good Physique (3) Must know (4) cycling Experience of attending on Animals or Laboratory.	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	<ul> <li>(a) One University Officer nominated by Vice-Chancellor - Chairman</li> <li>(b) One Head of Department/ Stations and</li> <li>(c) One Senior Scientist nominated by Vice-Chancellor - Members.</li> </ul>	Registrar.
**	Other Basic Servants such as Scavenger, Sweeper, Watchman, Sanitary Workers, Time Scale Mazdoor, Gardener, Jamadar etc. Rs.4800- 10000/- + Rs.1300/-G.P. in P.B.1 A.	(1) To other Basic Servants as vogue in Government     (2) To read and write Tamil.	By recruitment Among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	(a) One University Officer nominated by Vice-Chancellor - Chairman (b) One Head of Department/Stations and One Senior Scientist nominated by Vice-Chancellor - Members.	Registrar.

*13	Junior Agricultural	(1) A Pass in S.S.L.C.	By promotion	 Registrar with
	Officer Rs.4800- 10000 +	(2) Successful completion	from the post of Agricultural	the approval
	1300 (GP) in PB 1A.	of 1 months in service	Supervisor.	of the
		training conducted by		Vice-
		Tamil Nadu Veterinary		Chancellor.
		and Animal Sciences		
		University. According to		
		seniority in the cadre of		
		Agricultural Supervisor .		

<sup>\*</sup> Scale of pay adopted as in Tamilnadu Agricultural University, Coimbatore, further modified qualification U.O.No.60196/R.I/2010, dated 29.03.2010 with effect from 11.01.2010.

## \*\* U.O.No.60147/R.1/2011, Dated: 30.11.2011 with effect from 11.8.2011

*14.	Agricultural Supervisor Rs.9300- 34800 + 4400 (GP) in PB 2.	(1)	Minimum general educational qualification According to seniority in the cadre of Agricultural Assistant.	By promotion from Agricultural Assistant who have completed 18 years of regular service.			Registrar.
*15.	Agricultural Assistant Rs.5200- 20200 + 2400 (GP) in PB 1.	(2)	Pass in H.S.C. or any other course recognised/ as equivalent thereto Pass in 2 years Diploma Course in Agriculture conducted by the Institutions / recognised by Government of Tamil Nadu /Tamil Nadu Veterinary and Animal Sciences University.	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	(a) (b)	One Dean or Director nominated by Vice- Chancellor - <i>Chairman</i> . Two Heads of Departments nominated by Vice-Chancellor <i>Members</i> .	Registrar.

<sup>\*</sup> Scale of pay adopted as in Tamilnadu Agricultural University, Coimbatore.

16.	_	(1) Passed VIII Standard (2) Must have worked as Laboratory Assistant for not less than 10 years with laboratory experience.	By promotion according to seniority in the post of Laboratory Assistant after successful completion of six months practical in service training conducted by Tamil Nadu Veterinary and Animal Sciences University.	 Registrar.
* 17.	Laboratory Assistant Rs.5200-20200 + 1900 (GP) in PB 1A.	(1) Pass in S.S.L.C. or other course recognised as equivalent thereto. (2) S.S.L.C. failed.	By promotion from among the post of Attenders / Lab Attender / Counter / Shepherds.	 Registrar.

<sup>\*</sup> Modified by U.O.No.60078/RI/2009, dated 23.7.2009 effective from 14.07.2009

*18.	Vehicle Supervisor (Person	(1)	A pass in S.S.L.C. or other course as equiv-	By promotion	 Registrar.
	oriented) Rs.5200-20200 +		alent thereto	from among the drivers of	
	2400 (GP) in PB 1.	(2)	According to seniority in the cadre of Driver.	Tamil Nadu Veterinary and	
		(3)	Five years of service as drivers in Tamil	Animal Sciences University.	
			Nadu Veterinary and Animal Sciences		
			University		
		(4)	A current driving Licence to drive heavy		
			motor vehicles.		

<sup>\*</sup> Column No.2 substituted by U.O.No.60057/R.I/96, dated 17.4.1996.

19.	<b>Driver</b> Rs.5200-20200 + 2000 (GP) in PB 1.	(1) A current driving to drive light movehicles and pra experience in dr light motor vehic a period of not letwo years.  (2) To read and writ regional languag Explanation: Bu Lorry drivers shousess a curren Licence to drive vehicles in addit to other qualification prescribed for driven will be pai special pay as proby Government Nadu.	ottor ctical eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	(b) (c)	One University Officer nominated by the Vice- Chancellor - Chairman One Head of Dept./ Stations and One Senior Scientist nominated by Vice- Chancellor - Members.	Registrar.
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20.	Senior Tractor Driver Rs.5200-20200 + 2200 (GP) in PB 1.	(1) A current tractor driving Licence; (2) Practical experience in driving tractor for a period of not less than four years; (3) Knowledge in the mechanism of tractors; (4) Must have a strong physique; (5) Must know to read and write regional language.	By promotion from Junior Tractor Driver.		Registrar.
21.	Junior Tractor Driver Rs.5200-20200 + 2000 (GP) in PB 1.	(1) A current tractor driving     Licence issued by the     competent authority     under the Government of     Tamil Nadu.     (2) Practical experience     in driving tractor for     a period of not less     than two years Strong     physique.	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	<ul> <li>(a) One University         Officer nominated by         the Vice- Chancellor -         Chairman.</li> <li>(b) One Head of Dept./         Stations and</li> <li>(c) One Senior Scientist         nominated by Vice-         Chancellor- Members.</li> </ul>	Registrar.
22.	Cleaner/Gas Cleaner Rs.4800-10000 + 1300 (GP) in PB 1A.	(1) Must possess good physique.  Must possess general knowledge of work connected with cleaning, greasing and oiling any machinery.	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	<ul> <li>(a) One University         Officer nominated by         the Vice- Chancellor-         Chairman.</li> <li>(b) One Head of Dept./         Stations and</li> <li>(c) One Senior Scientist         nominated by Vice-         Chancellor - Members.</li> </ul>	Registrar.
23	Library Assistant Rs.5200-20200 + 2400 (GP) in PB 1.	(1) Must be in possession of a certificate in Librarianship issued by the University of Madras or any other recognised organisation Must have a good handwriting.	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	<ul> <li>(a) One University         Officer nominated by         the Vice- Chancellor -         Chairman.</li> <li>(b) One Head of Dept./         Stations and</li> <li>(c) One Senior Scientist         nominated by Vice-         Chancellor - Members.</li> </ul>	<ul> <li>(a) One University         Officer         nominated         by the Vice-         Chancellor -         Chairman.</li> <li>(b) One Head of         Dept./Stations         and</li> <li>(c) One Senior         Scientist         nominated by         Vice-Chancellor         - Members.</li> </ul>
24.	Library Attendant Rs.4800-10000 + 1300 (GP) in PB 1A.	Minimum general educational qualification.	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	<ul> <li>(a) One University         Officer nominated by         the Vice- Chancellor -         Chairman.</li> <li>(b) One Head of Dept./         Stations and</li> <li>(c) One Senior Scientist         nominated by Vice-         Chancellor         - Members.</li> </ul>	Registrar.

25.	Senior Artist-cum- Photographer Rs.9300- 34800 + 4200 (GP) in PB 2.	Must have worked as Artist, Artist- cum- photographer for a minimum period of five years. According to seniority from among the Artist-cum- photographer in Tamil Nadu Veterinary and Animal Sciences University. Preference will be given to candidates possessing train- ing in colour processing slide making, printing etc.	By promotion		Registrar.
26.	Artist-cum-Photographer Rs.5200-20200 + 2400 (GP) in PB 1.	(1) Must have been declared fit for promotion from 9th Standard to 10th Standard in a school approved/ recognised under the Tamil Nadu Educational Rules. (2) Must have passed either the Government technical examination in free hand outline drawing and painting by the higher grade or have obtained the diploma of the Government School of Arts and Crafts in these two subjects and (3) Must possess a certificate of proficiency in advanced photography and artist work granted by a reputed photographic firm under whom he has worked for a period of not less than two years.	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	<ul> <li>(a) One University officer nominated by the Vice- Chancellor - Chairman.</li> <li>(b) One Head of Dept. / Stations and One Senior Scientist nominated by Vice- Chancellor - Members.</li> </ul>	Registrar.
27.	Cine Operator/ Projector Operator Rs.5200-20200 + 2400 (GP) in PB 1.	(1) Must have passed VIII Standard. (2) Must have obtained Cinema Operator Certificate issued by the Government of Tamil Nadu Must have practical experience for a period of not less than three years in a cinema theatre after obtaining the Cinema Operator Certificate.	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/Employment Exchange shall be addressed.	<ul> <li>(a) One University officer nominated by the Vice- Chancellor - Chairman.</li> <li>(b) One Head of Dept./Stations and One Senior Scientist nominated by Vice-Chancellor - Members.</li> </ul>	Registrar.
28.	Museum Curator Rs.5200-20200 + 1800 (GP) in PB 1.	Practical training in Taxidermy and Photography for a period of not less than six months each.	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	<ul> <li>(a) One University officer nominated by the Vice- Chancellor - Chairman.</li> <li>(b) One Head of Dept. / Stations and</li> <li>(c) One Senior Scientist nominated by Vice- Chancellor -Members.</li> </ul>	Registrar.

29.	Refrigerator Operator Rs.5200-20200 + 1900 (GP) in PB 1.	(1) I.T.I. Certificate in refrigeration and airconditioning or Fitter trade. (2) Experience for not less than two years in the Operations and maintenance of machinery in refrigeration section with instantaneous coolers and homogenisers in an industry preferably in dairy / food processing.	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	<ul> <li>(a) One University officer nominated by the Vice- Chancellor - Chairman.</li> <li>(b) One Head of Dept. / Stations and One Senior Scientist nominated by Vice-Chancellor - Members.</li> </ul>	Registrar.
30.	Offset Machine Operator Rs.5200- 20200 + 2600 (GP) in PB 1.	(1) A pass in S.S.L.C (2) Should possess the appropriate technical trade certificate from the institutions approved/ recognised by Government.  Three years experience in operating the Offset printing machines is a desirable qualification.	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	<ul> <li>(a) One University officer nominated by the Vice- Chancellor - Chairman.</li> <li>(b) One Head of Dept. / Stations and One Senior Scientist nominated by Vice-Chancellor - Members.</li> </ul>	Registrar.
31.	Machine Operator/ Machine Man Rs.5200- 20200 + 2200 (GP) in PB 1.	<ol> <li>A Pass in S.S.L.C</li> <li>Should possess the appropriate technical trade certificate from the institutions approved / recognised by the Government.</li> <li>3 years experience in operating the printing machines.</li> </ol>	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	<ul> <li>(a) One University officer nominated by the Vice- Chancellor - Chairman.</li> <li>(b) One Head of Dept. / Stations and One Senior Scientist nominated by Vice-Chancellor - Members.</li> </ul>	Registrar.
32.	Compositor Rs.5200- 20200 + 1900 (GP) in PB 1.	A pass in S.S.L.C. or equivalent exam.     I.T.I. Certificate     (Composing and proof Reading.)     3 years experience.	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	<ul> <li>(a) One University officer nominated by the Vice-Chancellor - Chairman.</li> <li>(b) One Head of Dept. /Stations and</li> <li>(c) One Senior Scientist nominated by Vice-Chancellor - Members.</li> </ul>	Registrar.
33.	Binder-Grade-I: Rs.5200- 20200 + 2200 (GP) in PB 1.	Promotion from Grade II, binders according to seniority.	By promotion from among Grade II Binders.		Registrar.
*34.	Binder Grade-II Rs.5200- 20200 + 1900 (GP) in PB 1.	A Pass in S.S.L.C. or equivalent     Training in book binding for 3 years or trade test in I.T.I. for one year in	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	<ul> <li>(a) One University officer nominated by the Vice- Chancellor - Chairman.</li> <li>(b) One Head of Dept./ Stations and One Senior Scientist nominated by Vice- Chancellor - Members.</li> </ul>	Registrar.

<sup>\*</sup> Modified by U.O.No.60196/RI/2010, dated 29.3.2010 effective from 11.01.2010.

35.	Offset Assistant/ Cameraman-cum- Platemaker Rs.5200- 20200 + 1900 (GP) in PB 1.	(1) A pass in VIII Standard (2) Practical experience of 2 years in handling offset camera and plate making using aluminium plates in a private reputed and standard offset presses.  Preference will be given to those who have acquired special qualification in the above art in any Government approved institutions.	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	<ul> <li>(a) One University officer nominated by the Vice-Chancellor - Chairman.</li> <li>(b) One Head of Dept./Stations and</li> <li>(c) One Senior Scientist nominated by Vice-Chancellor - Members.</li> </ul>	Registrar.
36.	Offset Cameraman- Cum-Platemaker Rs.9300-34800 + 4200 (GP) in PB 2.	A pass in VIII Standard.     Practical experience of 5 years in handling offset camera and plate making using aluminium plates in a private reputed and standard offset presses. Preference will be given to those who have acquired special qualification in the above art in any Government approved institutions.	By promotion from among the post of Offset Assistant/ Cameraman -cum - Plate maker.		Registrar.
37.	Video Cameraman Rs.9300-34800 + 4400 (GP) in PB 2.	(1) (a) A Diploma in Cinematography awarded by the Tamil Nadu Board of Technical Education and Training, Chennai; and (b) Practical experience as independent Chief Cameraman for a period of not less than 3 years in the production of feature films or documentary films or news- reel films (OR) (2) (a) Minimum general educational qualification; (b) Practical experience as cameraman for a period of not less than 7 years.	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	<ul> <li>(a) One University officer nominated by the Vice-Chancellor - Chairman.</li> <li>(b) One Head of Dept./Station and One Senior Scientist nominated by Vice-Chancellor - Members.</li> </ul>	Registrar with the approval of the Vice- Chancellor
38.	Dark-Room Attendant Rs.5200-20200 + 2000 (GP) in PB 1.	A pass in S.S.L.C. or equivalent examination.     Atleast 2 years experience in film processing	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were re- cruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	<ul> <li>(a) One University officer nominated by the Vice-Chancellor - Chairman.</li> <li>(b) One Head of Dept./Station and</li> <li>(c) One Senior Scientist nominated by Vice-Chancellor - Members.</li> </ul>	Registrar.
*39.	Executive Engineer, Civil/ Mechanical/ Elec- trical Rs.15600-39100 + 6600 (GP) in PB 3.	B.E. or equivalent examination approved by any University     5 years experience in the cadre of Assistant Executive Engineer.	By promotion from among the post of Assistant Executive Engineer with the existing qualification as per state Govt. rules.		Registrar with the approval of the Vice- Chancellor.

<sup>\*</sup>inserted vide UONo.60148/R1/2011, dated 17.11.2011

40.*	Assistant Executive Engineer, Civil/	1)	By promotion B.E or equivalent	By promotion from among the post of	 Registrar with the approval of the
	Mechanical/ Electrical	1)	examination approved	Assistant Engineer/	Vice- Chancellor
	Rs.15600-39100 + 5400		by any University.	Assistant Engineer	vice- Chancenor.
	(GP) in PB 3.	ii)	5 years of experience	Recruitment by	
	(61) 111 1 5 5.	11)	in the cadre of the post	transfer from among	
			of Assistant Engineer.	the post of Junior	
		2)	By Recruitment by	Engineer in the ratio	
		′	transfer:	of 3:1.	
			Diploma in Engineering		
			with not less than		
			10 years of service		
			in the post of Junior		
			Engineer.		

41.	Assistant Engineer, Civil/ Mechanical/ Electrical: Rs.9300-34800 + 4700 (GP) in PB 2.	B.E. or its equivalent examination approved by any University.	among the post of Junior Engineer/ High Tension Operator with 5 years of	(b)	Chancellor - Chairman Estate Officer-Member. One Head of Department/	Registrar with the approval of the Vice-Chancellor.
			5 years of service in the post / direct recruitment.	(c)	One Head of Department/ Station nominated by Vice- Chancellor - <i>Member</i> .	

<sup>\*</sup> Modified by U.O.No.60296/RI/2006, dated 19.5.2006 effective from 7.4.2006. \* \* Modified by U.O.No.60156/RI/2008, dated 30.01.2008 effective from 14.01.2008.

42.	Junior Engineer, Civil/ Mechanical/ Electrical Rs.9300-34800 + 4400 (GP) in PB 2.	Diploma in Engineering with not less than 2 years field experience.	By direct recruitment	<ul> <li>(a) One of the University         Officers nominated         by Vice-Chancellor -         Chairman</li> <li>(b) Estate Officer- Member.</li> <li>(c) One Head of Department/         Station nominated by         Vice- Chancellor -         Member.</li> </ul>	Registrar.
*43.	Draughting Officer Grade I / Senior Draughting Officer Rs.9300-34800 + 4600 (GP) in PB 2.	(1) A pass in the special examination for Group Certificate in building drawing which has been prescribed for draughtsman in the Government technical examination (or)  (2) A pass in the D.C.E. or D.M.E. diploma conducted by the State Board of technical Education and Training, Tamil Nadu. (or)  (3) A certificate granted by the I.T.I. Government of Tamil Nadu for the completion of course of Industrial Training in the trade Draughtsman (Civil or Mechanical) (or)  (4) The diploma awarded in Draughtsman (Civil or Mechanical) trade by the Director General Resettlement and Employment (now Director General of Employment and Training), Government of India. (or)  (5) The National Trade Certificate in Draughtsman (Civil or Mechanical trade) awarded by the National Council for Training Vocational Trades, Government of India.	By promotion from among Grade - II.		Registrar with the approval of the Vice- Chancellor

 $<sup>*\</sup> Col. No. 2\ substituted\ by\ U.O. No. 60111/R. I/99,\ dated\ 26.8. 1999\ effective\ from\ 21.11. 1996.$ 

44.	Draughting Officer Grade	(1)	A pass in the special examination for Group	By promotion from	 Registrar
	II (Civil/ Mechanical)		Certificate in building drawing which has been	among the Draughtsman	
	Rs.9300-34800 + 4400		prescribed for draughtsman in the Government	Grade-III.	
	(GP) in PB 2.		technical examination		
			(or)		
		(2)	A pass in the D.C.E. or D.M.E. diploma		
			examination conducted by the State Board of		
			tech. Education and Training, Tamil Nadu.		
			(or)		
		(3)	A certificate granted by the I.T.I. Government		
			of Tamil Nadu for the completion of course of		
			Industrial Training in the trade Draughts man		
			(Civil or Mechanical)		
			(or)		
		(4)	The diploma awarded in Draughtsman (Civil		
			or Mechanical) trade by the Director General		
			Resettlement and Employment (now Director		
			General of Employment and Training),		
			Government of India.		
			(or)		
		(5)	The National Trade Certificate in		
			Draughtsman (Civil or Mechanical trade)		
			awarded by the National Council for Training		
			Vocational Trades, Govt. of India.		

*45.	Draughting Officer Grade	1)	A pass in the special examination for Group	By promotion from	(0)	One of the	Registrar.
143.		1)			(a)		Registiai.
	- III / Junior Draughting		Certificate in building drawing which has been			University	
	officer (Civil, Mechanical,		prescribed for draughtsman in the Govern-	Draughtsman who have		Officers nomi-	
	Electrical) Rs.5200-20200		ment technical examination	put in service for aperi-		nated by Vice-	
	+		(or)	od of not less than five		Chancellor -	
	2800 (GP) in PB 1.	2)	A pass in the D.C.E or D.M.E. diploma	years in that category.		Chairman	
			examination conducted by the State Board of	(or)	(b)	Estate Officer-	
			technical Education and Training, Tamilnadu.	By recruitment among		Member.	
			(or)	eligible candidates of		One Head of	
		3)	A certificate granted by the I.T.I. Government	Tamilnadu Veterinary		Department/	
			of Tamilnadu for the completion of the course	and Animal Sciences		Station nomi-	
			of Industrial Training in the trade of Draughts	University who were		nated by Vice-	
			man	recruited originally		Chancellor	
			(Civil or Mechanical) (or)	through employment		-Member.	
			(***** (*******************************	exchange or other			
		(4)	The diploma awarded in Draughtsman (Civil	agencies approved by the			
		( .)	or Mechanical) trade by the Director General	Government. If suitable			
			Resettlement and Employment (now Director	candidates are not avail-			
			General of Employment and Training), Gov-	able the Collector			
			ernment of India.	/Employment Exchange			
				shall be addressed.			
		(5)	(or)	snail be addressed.			
		(5)	The National Trade Certificate in Draughts				
			man (Civil or Mechanical trade) awarded by				
			the National Council for Training Vocational				
			Trades, Government of India.				

<sup>\*</sup> Col.No.2 substituted by U.O.No.60111/R.I/99, dated 30.8.1999 effective from 21.11.1996, further modified by U.O.No.60296/RI/2006, dated 19.5.2006 effective from 7.4.2006.

48.	Agricultural Engineering Maistry Rs.5200-20200 + 1800 (GP) in PB 1.	<ol> <li>Must be able to read and write regional language.</li> <li>Must have practical experience in skilled work in Government workshop or in an engineering firm for a period of not less than 3 years</li> <li>Preference will be given to persons who have passed in civil engineering subjects in the Government examinations.</li> </ol>	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	(b)	One of the University Officers nominated by Vice-Chancellor - Chairman One Senior Engineer and One Head of Department nominated by Vice-Chancellor - Members.	Registrar
49.	Lascar Rs.4800-10000 + 1300 (GP) in PB 1A.	<ul> <li>(1) Must have studied upto VIII Standard;</li> <li>(2) Atleast 2 years experience in the concerned engineering wing.</li> </ul>	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	(b)	One of the University Officers nominated by Vice- Chancellor - Chairman One Senior Engineer and One Head of Department nominated by Vice- Chancellor-Members.	Registrar
50	Mason Rs.5200-20200 + 1800 (GP) in PB 1.	<ol> <li>Must be able to read and write regional language.</li> <li>Must have practical experience in Masonry work not less than 3 years.</li> <li>Preference will be given for I.T.I. Candidates.</li> <li>Age below 40 years in general; however, age may be taken into account for OC/BC/MBC/SC/ST as per Government orders. If suitable person with the required age is not available, the maximum age of 40 years may be for all community.</li> </ol>	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	(b)	One of the University Officers nominated by Vice-Chancellor -Chairman; One Senior Engineer and One Head of Department nominated by Vice-Chancellor -Members.	Registrar
51	Agricultural Engineering Foreman Rs.5200-20200 + 2600 (GP) in PB 1.	Diploma in Mechanical Engineering or Agricultural Engineering awarded by the State Board of Technical Education and Training Tamilnadu with one year practical experience in a workshop after obtaining the diploma (or) Practical experience in tractor works operations and in the running of internal combustion engine for a period of not less than 10 years with a minimum educational qualification of a pass in the IIIrd Form (or) VIIIth standard or must hold a certificate in the appropriate trade issued by the Government ITI with one year practical experience.	By promotion according to seniority from the cadre of Senior Mechanic.			Registrar

52	Mechanic, Grade II Rs.5200-20200 + 1900 (GP) in PB 1.	(1) A certificate in Mechanical Engineering of the Chengalvaraya Nayakar's Technical Institute, Madras / any other institute approved/ recognised by the Government of Tamil Nadu for a certificate in the appropriate trade of the I.T.I Practical experience in a workshop or a factory for a period of not less than 3 years and experience in repairs and maintenance of tractors, pump units and agricultural machinery.	By direct recruitmen t from the Employmen t Exchange	<ul> <li>(a) One of the University Officers nominated by Vice- Chancellor – Chairman;</li> <li>(b) One Senior Engineer and</li> <li>(c) Head of Department nominated by Vice-Chancellor - Members.</li> </ul>	Registrar
**53.	Mechanic Grade I Rs.5200-20200 + 2200 (GP) in PB 1.	By promotion from the Mechanic Grade II according to seniority.	By promotion from Mechanic Grade II according to seniority.		Registrar.
**54.	Artisans: Grade I Rs.5200- 20200 + 2200 (GP) in PB 1.	By promotion from the Artisans Grade-II	By promotion from Artisans Grade-II according to seniority.		Registrar.
**54 a	Artisans Grade II Rs.5200- 20200 + 1900 (GP) in PB 1. (Fitter, Turner, Welder Miller, Blacksmith, Coppersmith, Tinsmith, Machinist, Machine Attendant, Tinker Carpenter, Moulder, Plumber, Sheet Metalworker and Hammerman.)	Working knowledge of the regional language with ability to read and write     Must have an experience of not less than 3 years in the respective field or a Certificate in the appropriate trade issued by the I.T.I.	By direct recruitment from the Employment Exchange.	<ul> <li>(a) One of the University Officers nominated by Vice-Chancellor - Chairman;</li> <li>(b) One Senior Engineer and</li> <li>(c) Head of Department nominated by Vice-Chancellor - Members.</li> </ul>	Registrar.
*55.	Electrical Foreman Rs.5200-20200 + 2400 (GP) in PB 1 upto 6.2.2008. Rs.9300-34800 + 4400 (GP) in PB 2 from 7.2.2008.	<ul> <li>(1) A Diploma in Electrical Engineering; or</li> <li>(2) A pass in III Form with 12years experience in this type of work.</li> </ul>	By promotion according to seniority from among the cadres of Electricians and Wireman.		Registrar.

<sup>\*</sup> Modified by U.O.No.60155/RI/2008, dated 31.01.2008 effective from 14.01.2008.

<sup>\*\*</sup> Modified by U.O.No.60196/RI/2010, dated 29.3.2010  $\,$  effective from 11.01.2010.

56.	Electrician Gr.II Rs.5200-20200 + 1900 (GP) in PB 1	<ol> <li>ITI Certificate in the concerned trade.</li> <li>Must have ability to read and write the regional language.</li> <li>Must have previous experience in any electrical undertaking or engineering firm for a period of 3 years</li> <li>Must have a thorough knowledge of all electrical appliances with special reference to motor testing, battery repairing, armature winding, attending to the installations like electric motors giving connections to motors and starters etc.     Explanation: Preference will be given to persons holding certificates in electrical engineering issued by private institutes like Chengalvaraya Technical Institute &amp; Government I.T.I etc.</li> </ol>	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through Employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	(a) (b) (c)	Officers nominated by Vice- Chancellor - <i>Chairman</i> ;	Registrar
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57.	<b>Lineman</b> Rs.5200-20200 + 1800 (GP) in PB 1.	equivalent qu (2) Practical experience operation and HT lines and	electrical engineering or lalification (or) erience in electrical distribution and maintenance including transformers for a period an three years.	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	(b)	One of the University Officers nominated by Vice- Chancellor - Chairman; One Senior Engineer and One Head of Department nominated by Vice- Chancellor - Members.	Registrar
58.	Wireman: Grade II Rs.5200-20200 + 1900 (GP) in PB 1.	regional lange 2. I.T.I. Certifica 3. Must have provided wireman in a or firm for a pyears 4. Must have provided and Maintenance (b) distributive provided wiring (d) House wiring	ate in the concerned trade. evious experience as a any Engineering workshop period of not less than 3 actical knowledge work of low tension ower line getc. to attend to minor repairs	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	(b)	One of the University Officers nominated by Vice- Chancellor - Chairman; One Senior Engineer (Electrical) and One Head of Department nominated by Vice- Chancellor - Members.	Registrar
59.	Helper to Wireman Rs.4800-10000 + 1400 (GP) in PB 1A.	Standard in a recognized by Instructions, I Educational F (2) Must have prelectrical openot less than (3) Must have profiles.	actical experience in eration and maintenance for	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	(b)	One of the University Officers nominated by Vice- Chancellor - Chairman; One Senior Engineer (Electrical) and One Head of Department nominated by Vice- Chancellor - Members.	Registrar
*60.	Gasman Pump Attendant Rs.4800- 10000 + 1650 (GP) in PB 1A.	regional lange (2) Must have pro- handling elec	to read and write the uage. evious experience in trical motors and pumpsets ot less than one year.	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	- (b)	One of the University Officers nominated by Vice-Chancellor Chairman; One Senior Engineer and One Head of Department nominated by Vice- Chancellor Members.	Registrar
*61.	Motor Pump Attendant Rs.4800- 10000 + 1400 (GP) in PB 1A.	regional lange (2) Must have pro handling elec	to read and write the uage. evious experience in trical motors and pumpsets ot less than one year.	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	(b)	One of the University Officers nominated by Vice-Chancellor - Chairman; One Senior Engineer and One Head of Department nominated by Vice- Chancellor - Members.	Registrar
*62.	*Pumpset Driver/ Fitter Rs.4800-10000 + 1650 (GP) in PB 1A.	engines and the mechanism of (2) Practical expension of less than experience as working of oil	of Competence for driving he knowledge of general f all types of engines. erience for a period of 6 months. (or) Practical a an engine driver and il engines and pumps for a less than 3 years.	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	(b)	One of the University Officers nominated by Vice-Chancellor - Chairman; One Senior Engineer and One Head of Department nominated by Vice-Chancellor - Members.	Registrar.

<sup>\*</sup> Col.No.2 of Sl.No.62 is substituted by U.O.No.60066/R.I/96, dated 30.4.1996 effective from 1.6.88 notionally; with monetary benefit from 1.4.1992.

63.	Male/Female Nursing Assistant Rs.4800-10000 + 1300 (GP) in PB 1A.	Must have passed III Form or VIII Standard in a recognised school.     Must have passed the Nursing Assistant Training Course exami- nation conducted by the Government Medical College Hospital of Tamil Nadu or other institution recognised by Govt.of Tamil Nadu.     Experience as female/ male nursing assistant in a Government hospital or in a hospital of repute for a period of not less than one year.		(a) One of the University Officers nominated by the Vice-Chancellor - Chairman (b) One Senior Medical Officer and (c) One Head of the Department Concerned Nominated by Vice-Chancellor- Members.	Registrar.
64.	Sanitary Inspector Rs.5200-20200 + 2800 (GP) in PB 1.	<ol> <li>Sanitary Inspector certificate granted by the Additional Director of Health and Family Planning, Tamil Nadu as the <i>Chairman</i> of the Board of Examiners constituted in this behalf by the Government.</li> <li>The LMP Diploma         <ul> <li>(or)</li> </ul> </li> <li>A pass in the sanitory inspector Examination in the state of Tamil Nadu or Quinquennial Training and pass in the examination pres- cribed for Health and Sanitary Inspectors in the State of Tamil Nadu.</li></ol>		(a) One of the University Officers nominated by the Vice- Chancellor - Chairman (b) One Senior Medical Officer and (c) One Head of the Department concerned nominated by Vice- Chancellor - Members.	Registrar
65.	Staff Nurse Rs.9300-34800 + 4200 (GP) in PB 2.	(1) A successful training for a period of not less than three years in General Sick Nursing in an institution approved by the Tamil Nadu Government and declared as a registered nurse. (2) Passing the examination for Mid wife conducted by the institution approved by the Government of Tamil Nadu and declared as a registered Midwife. (3) Must have practical experience for a period of not less than two years in a Government Hospital or a Hospital of repute as a nurse. (4) Must have passed Tamil in S.S.L.C.or equivalent examination. (5) Training in Obstetrics and Gynaecology.	By direct recruitment through the employment exchange.	<ul> <li>(a) One of the University Officers nominated by the Vice- Chancellor - Chairman.</li> <li>(b) One Senior Medical Officer and</li> <li>(c) One Head of the Department concerned nominated by Vice- Chancellor- Members.</li> </ul>	Registrar
66.	Pharmacist Rs.5200-20200 + 2800 (GP) in PB 1.	<ol> <li>Minimum General educational qualification,</li> <li>Other things being equal; preference shall be given to those persons who have passed in the Intermediate or PUC examination in Arts and Sciences of any University or any other examinations recognised as equivalent with physics, chemistry and natural science as optional subjects</li> <li>A Diploma in Pharmacy and</li> <li>Practical experience in the working of a pharmacy approved by the State Pharmacy Council for a Period of not less than five years.</li> </ol>	By direct recruitment through the employment exchange.	(a) One of the University Officers nominated by the Vice- Chancellor - Chairman. (b) One Senior Medical Officer and (c) One Head of the Department concerned nominated by the Vice- Chancellor - Members.	Registrar.
67	Malaria Field Assistant Rs.4800- 10000 + 1650 (GP) in PB 1A.	<ol> <li>Must have passed III Form/VIII-Standard.</li> <li>Must have a good physique, good vision and capacity for outdoor works</li> <li>Must have undergone a preliminary training for a period not less than one month in the regional malaria organisation at Tanjore, Coimbatore, or in the Central Malaria Laboratory, attached to the Director of Public Health, Chennai.</li> </ol>	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	(a) One of the University Officers nominated by the Vice- Chancellor - Chairman. (b) One Senior Medical Officer and (c) One Head of the Department concerned nominated by the Vice- Chancellor - Members.	Registrar ·

68.	Marker Rs.4800- 10000 + 1300 (GP) in PB 1A.	A pass in VIII Standard     Must have good physique.     Experience as Marker in     Any private Sports Club     or Government/ Quasi     Government organisations     with knowledge in indoor     and outdoor games is     desirable.	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	(a) (b) (c)	One of the University Officers nominated by the Vice- Chancellor – Chairman; One Physical Director and One Head of the Dept concerned, nominated by Vice- Chancellor - Members.	Registrar.
**69 (a)	System Programmer Rs.15600- 39100 + 5400 (GP) in PB 3	<ul> <li>(a) MCA/M.Sc. (IT/Computer Science) / M.Sc. (Statistics . Maths with PGDCA) / M.E. (Computer Science)</li> <li>(b) Experience as Computer Operator for not less than eight years</li> <li>(c) Knowledge in computer language.</li> </ul>	By promotion from the Computer Operator (or) By recruitmentamong eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed	(a) (b) (c)	One of the University Officers nominated by the Vice- Chancellor – Chairman; One senior Engineer and One Head of Dept. concerned nominated by Vice-Chancellor – Members.	Registrar with the approval of the Vice- Chancellor.
*69.(b)	Computer Operator Rs.9300- 34800 + 4400 (GP) in PB 2.	(1) B.Sc. (Computer Science) / B.C.A. with one year Post Graduate diploma in Computer applications. (or) B.E. (Computer Science) (2) Five years experience in computer operation (3) Knowledge in computer languages.	By Promotion from among the Data Entry Operators.  (Or) By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	(a) (b) (c)	One of the University Officers nominated by the Vice- Chancellor – Chairman; One senior Engineer and One Head of Dept. concerned nominated by Vice-Chancellor - Members.	Registrar with the approval of the Vice- Chancellor.

<sup>\*</sup> Substituted by U.O.No.60070/R.I/2001, dated 20.7.2001 effective from 5.7.2001, further modified by U.O.No.60079/RI/2009, dated 24.4.2009 effective from 14.07.2009.

<sup>\*\*</sup> Added by U.O.No.60079/RI/2009, dated 24.4.2009 effective from 14.07.2009.

70. *	Data Entry Operator Rs.5200-20200 + 2400	a)	By Promotion: from among the Junior Data entry operator	a)	By Promotion: from among the Junior Data entry	(a)	One of the University Officers nominated by	Registrar
	(GP) in PB 1.		with 8 years of service in that category.		operator with 8 years of service in that category.		the Vice-Chancellor – <i>Chairman</i> ;	
		b)	possess a Degree	b)	By recruitment: among eligible candidates of	(b) (c)	One senior Engineer and One Head of Dept.	
		2.	A certificate Course in data entry operation.		Tamil Nadu Veterinary and Animal Sciences		concerned nominated by Vice-Chancellor -	
		3.	Tamil Lower		University who were recruited originally through		Members.	
		4.	One year experience in data entry operation.		employment exchange or other agencies approved by			
		5.	Knowledge in computer languages.		the Government. If suitable candidates are not available			
					the Collector/ Employment Exchange shall be			
					addressed.			

<sup>\*</sup> Modified by U.O.No.60035/RI/2005, dated 13.5.2005 effective from 16.05.2005.

72.	Refrigerator Mechanic Rs.5200-20200 + 2600 (GP) in PB 1.	M.M.D.Engine Driver II Class Certificate with five years experience in Marine Diesel Engine with working knowledge of different types of gears.  (1) ITI Certificate in mechanical or Refrigeration and Air- Conditioning Mechanism. (2) Experience in Handling refrigeration equipment plant and Machinery maintenance or repair of not less than three years	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.  By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government.	<ul> <li>(a) One University Officer nominated by Vice-Chancellor- Chairman.</li> <li>(b) One Dean Fisheries and</li> <li>(c) One Head of Department of Fisheries faculty nominated by Vice-Chancellor - Members.</li> <li>(a) One of the University Officers nominated by the Vice- Chancellor - Chairman;</li> <li>(b) One senior Engineer and</li> <li>(c) One Head of Dept. concerned nominated by</li> </ul>	Registrar.
	D. I.I. ID 5200	in any workshops or factory after obtaining ITI certificate and must have passed VIII Std.	If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	Vice-Chancellor - Members.	
74.	Deck hand Rs.5200- 20200 + 2400 (GP) in PB 1.	Must have passed VIII Std. and     Must possess experience on a     fishery vessel for a period of     not less than three years.	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/Employment Exchange shall be addressed.	<ul> <li>(a) One University Officer nominated by Vice-Chancellor – Chairman</li> <li>(b) Dean, Fisheries College and</li> <li>(c) One Senior Engineer/Head of Dept. of Fisheries faculty nominated by Vice-Chancellor - Members.</li> </ul>	Registrar.
75 (a).*	Sub- Inspector Fisheries Rs.9300- 34800 + 4200 (GP) in PB 2.	(1) By Promotion 1) Must have put in Service as Fishery Asst./Overseer for a period of not less than five years with Minimum General Educational Qualification. 2) Should have passed the Account Test for Subordinate Officers Part-1. (2) By Recruitment by Transfer: Must have put in service for a period not less than Five Years in the University and must posses a degree in Science. (3) By Direct Recruitment 1)Must possess a degree in Bachelor of Fisheries Science awarded by the recognized University OR 2) Must possess a degree in Bachelor of Technology (Fish) awarded by the recognized University OR 3) Must possess a Degree in any one of the Science subjects OR 4) Must possess a Diploma in Fisheries Technology and Navigation awarded by the State Board of Technical Education and Training. Tamil Nadu OR 5) Must possess the Associate Diploma in Fisheries Science Education, Bombay OR 6) Must possess a Certificate of successful completion of the full course of Inland or Marine Fisheries Classes conducted by	By promotion according to seniority in the cadre of Fishery Assistant / Fishery Overseer OR By recruitment by transfer from among the eligible candidates of Tamil Nadu Veterinary and Animal Sciences University OR By direct recruitment from Employment Exchange.	<ul> <li>(a) One University Officer nominated by Vice-Chancellor – Chairman</li> <li>(b) Dean, Fisheries College and</li> <li>(c) One Senior Engineer/Head of Dept. (Fisheries College) nominated by Vice-Chancellor - Members.</li> </ul>	Registrar

<sup>\*</sup> Added by U.O.No.60157/RI/2008, dated 30.01.2008 effective from 14.01.2008

75 (b).**	Fishery Assistant / Fishery Overseer Rs.5200- 20200 + 2200 (GP) in PB 1.	Qualification. (2) Must have undergone 10 months training in any Fisherman Training Centre organized by Tamilnadu Govt.under State Fisheries Dept.	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were re- cruited originally through employ- ment exchange or other agencies approved by the Government. If suitable candidates are not avail- able the Collector/ Employment Exchange shall be addressed.	a) b) c)	One University Officer nominated by Vice-Chancellor – Chairman Dean, Fisheries College and One Senior Engineer/ Head of Dept. of Fisheries faculty nominated by Vice-Chancellor - Members.	Registrar
*76	Iceman (Gr.II): Rs.5200-20200 + 1900 (GP) in PB 1.	(2) National Trade Certificate such as Fitter/ Mechanic/ Welder or Electrician or Wireman.	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	(a) (b) (c)	One University Officer nominated by Vice-Chancellor – <i>Chairman</i> Dean, Fisheries College and One Senior Engineer/ Head of Dept. of Fisheries faculty nominated by Vice-Chancellor - <i>Members</i> .	Registrar

<sup>\*</sup> Designation modified by U.O.No.60266/R.I/94, dated 11.3.1994.

 $<sup>{\</sup>rm ** Modified\ by\ U.O. No. 60035/RI/2005,\ dated\ 13.5.2005\ effective\ from\ 16.05.2005,\ further\ modified\ by\ U.O. No. 60157/RI/2008,\ dated\ 30.01.2008\ effective\ from\ 14.01.2008.}$ 

77.	Seaman Rs.4800- 10000 + 1300 (GP) in PB 1A.	<ol> <li>Three years Marine         Fishing Experience</li> <li>Should be able to read         and write local language.</li> </ol>	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	(b)	One University Officer nominated by Vice- Chancellor – <i>Chairman</i> Dean, Fisheries College and One Senior Engineer/ Head of Dept. of Fisheries faculty nominated by Vice- Chancellor - <i>Members</i> .	Registrar
78.	Livestock Inspector Gr.I: Rs.9300- 34800 + 4200 (GP) in PB 2.	<ol> <li>Should have completed S.S.L.C and passed the final examination of the Veterinary Livestock Inspector Course</li> <li>By Promotion provided he has completed 8 years of Service as Livestock Assistant Grade II of the Tamil Nadu Animal Husbandry Subordinate Service.</li> </ol>	By Promotion from Livestock Inspector GrII.  By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	a) b)	One University Officer nominated by Vice-Chancellor - <i>Chairman</i> . Two senior Professors nominated by Vice-Chancellor - <i>Members</i> .	Registrar
79.	Livestock Inspector Gr.II Rs.5200-20200 + 2400 (GP) in PB 1.	Must have passed the final examination of stockmen course conducted by M.V.C. or other recognised institutions.	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.		One University Officer nominated by Vice-Chancellor - Chairman; Two senior Professors nominated by Vice-Chancellor - Members.	Registrar.
*80.	Technician Grade II Rs.5200-20200 + 2400 (GP) in PB 1.	A graduate in Biological and Life Sciences. Preference shall be given to persons having experience in Lab. like - Medical Lab/ Feed analysis / Microbiology□ etc.	By direct recruitment thro' employment exchange	a) b)	One University Officer nominated by Vice-Chancellor - Chairman. Two Heads of Department nominated by Vice-Chancellor - Members.	Registrar

 $<sup>\</sup>mbox{*}$  Modified by U.O.No.60148/RI/2004, dated 31.3.2004 effective from 5.3.2004.

81.	Biometric	(1) Must have passed Government Technical	By promotion from among the		Registrar
51.	Sub- Assistant Rs.5200-20200 + 2400 (GP) in PB 1.	Examination in Typewriting Higher Grade and Short Hand Lower Grade  (2) Must have put in atleast 5 years of total service in the Tamil Nadu Ministerial Service.	Assistant in the Tamil Nadu Ministerial service.		rogistiai
		(3) Training:- No person shall be eligible for the appointment to the post unless he has successfully undergone the training in the maintenance of breeding records and processing of data on economic traits in the subjects of Biometric for a period of three months in the department of Genetics of MVC. The period of training will count for probation and increment in the post from which he is deputed for under going training and during the period of training, he will draw pay in the scale applicable to the post he is holding before deputation for training.			
82.	Machine Punchcard Operator	(1) Minimum general educational qualification	By recruitment among eligible candidates of	(a) One University Officer	Registrar
	Rs.5200-20200 + 2400 (GP) in	(2) A pass in the Government Technical examination in English Typewriting by	Tamil Nadu Veterinary and Animal Sciences University	nominated by Vice- Chancellor -	
	PB 1.	<ul> <li>Higher Grade.</li> <li>(3) Must have under gone the training in the working of the International business machine or similar machine for a period of not less than 3 months</li> <li>(4) Must have worked as Typist in any</li> </ul>	who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be	Chairman  (b) Two Heads of departments (One Maths Head) nominated by Vice- Chancellor -	
		institution for a period of not less than 2 years.	addressed.	Members.	
83.	Mill Operator Rs.5200-20200 + 1900 (GP) in PB 1.	Minimum general educational qualification     Certificate from I.T.I. in the trade of Machinist / Fitter / Turner or Mechanic or equivalent qualification.	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	(a) One University Officer nominated by Vice- Chancellor. – Chairman. (b) Two Heads of Depts. nominated by Vice- Chancellor - Members.	Registrar
84	Master Flayer Rs.5200-20200 + 1800 (GP) in PB 1.	Practical experience in flaying for five years in a Government or Municipal Slaughter House where not less than 15 cattle and 500 sheep and goats are slaughtered daily.	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	(a) One University Officer nominated by Vice- Chancellor – Chairman; (b) Two Heads of Depts. nominated by Vice- Chancellor - Members.	Registrar
85.	Master Packer Rs.5200-20200 + 1800 (GP) in PB 1.	Completed S.S.L.C. Certificate     Must have five years experience in running or working in mutton shop.     Must have two years experience in slaughter of animals dressing and jointing of carcasses.	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	(a) One University Officer nominated by Vice- Chancellor – Chairman; (b) Two Heads of Depts. nominated by Vice- Chancellor - Members.	Registrar
*86.	Boiler Man (Gr. II): Rs.5200- 20200 + 1900 (GP) in PB 1.	<ol> <li>A Pass in S.S.L.C. or equivalent examination</li> <li>Should possess IIIrd Grade Certificate issued by Chief Inspector of Boiler. Two Years experience in maintenance and operation of electrically operated or oil fired boilers and water treatment plants.</li> </ol>	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	<ul> <li>(a) One University         Officer         nominated by         Vice- Chancellor –         Chairman.</li> <li>(b) Two Heads         of Depts.         nominated by         Vice- Chancellor -         Members.</li> </ul>	Registrar.

<sup>\*</sup> Designation modified by U.O.No.60266/R.I/94, dated 11.3.1994.

87.	Special Attender Rs.4800-10000 + 1650 (GP) in PB 1A.		Appointment by transfer from the category of Attender. Pass in the III Form / VIII	By promotion from among the Lab Assistant / Attender.			Registrar.
		` ′	Standard or an Army I Class Certificate Should not have completed 40 years of age. Should put in not less than five years of experience in the post of Attender.				
88.	Counter Rs.4800-10000 + 1650 (GP) in PB 1A.		VIII Standard Passed. Must have experience in Sheep and Cattle section for atleast three years.	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/Employment Exchange shall be addressed.	_	One University Officer nominated by Vice-Chancellor <i>Chairman</i> Two Heads of departments concerned nominated by Vice-Chancellor - <i>Members</i> .	Registrar.
89.	Flockman Rs.4800-10000 + 1650 (GP) in PB 1A.	` ´	Must read and write regional language Atleast 3 years experience in cattle and Sheep and Poultry Farms.	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.		One University Officer nominated by Vice-Chancellor Chairman Two Heads of departments concerned nominated by Vice-Chancellor - Members.	Registrar.
90.	Chick Sexer Rs.4800- 10000 + 1650 (GP) in PB 1A.		A pass in S.S.L.C. examination or equivalent examination. Should have undergone practical training atleast for a period of 6 months in a recognised institution in the hatchery in the work of chick sexing.	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/Employment Exchange shall be addressed.		One University Officer nominated by Vice-Chancellor -Chairman Two Heads of departments concerned nominated by Vice-Chancellor - Members.	Registrar.
91.	Shepherd Rs.4800-10000 + 1400 (GP) in PB 1A.	(2)	VIII Standard Passed Must have experience in attending Sheep and lambs for a minimum period of five years. Must have put in not less than three years experience as Attendant in the Clinical De- partment / Animal Nutrition / Dairy Science/Sheep Farm.	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/Employment Exchange shall be addressed.		One University Officer nominated by Vice-Chancellor - Chairman Two Heads of departments concerned nominated by Vice-Chancellor Members.	Registrar.
92.	Sheep Shearer Rs.4800-10000 + 1400 (GP) in PB 1A.		Must be able to read and write regional language. Two years experience in Sheep shearing.	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.		One University Officer nominated by Vice-Chancellor - Chairman Two Heads of departments concerned nominated by Vice-Chancellor - Members.	Registrar.

93.	Chowkidar Rs.4800- 10000 + 1400 (GP) in PB 1A.	(1) VIII Standard Passed.     (2) Good physique and should know cycling.     Ex-servicemen shall be given preference.	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.  By recruitment		One University Officer nominated by Vice-Chancellor - Chairman Two Heads of departments concerned nominated by Vice-Chancellor -Members.  One University Officer	Registrar.
74.	Rs.9300-34800 + 4300 (GP) in PB 2.	in Silk Screen Printing for a period of not less than 3 months in the Agricultural Information Service Unit attached to the Department of Agriculture, Chennai.  (2) Must have served as an Artist and Photographer for a period of not less than 5 years.	among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.		one officially officer nominated by Vice-Chancellor – <i>Chairman</i> ; Two Heads of Depts nominated by Vice-Chancellor - <i>Members</i> .	Regisual.
95.	Statistical Assistant Rs.9300-34800 + 4300 (GP) in PB 2.	Direct Recruitment: (1) Must possess a degree of any University or institution recognised by the University Grants Commission for the purpose of its grant with Statistics or Mathematics as the main subject.  By promotion: (1) Must have previous experience in the maintenance of pedigree and breeding records and five years experience in the ministerial service as Assistant with exceptional merit and ability (2) Must possess the minimum general educational qualification.	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	(a) (b)	One University Officer nominated by Vice-Chancellor – Chairman; Two Heads of Depts nominated by Vice-Chancellor - Members.	Registrar.
96.	Radiographer Rs.5200-20200 + 2800 (GP) in PB 1.	Must have passed the certified Radiologist Assistant Examination.      Preference shall be given to a candidate who in addition possesses a degree of B.A., B.Sc., M.Sc., M.A., of the recognised University with physics as the main subject.	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	(a) (b)	One University Officer nominated by Vice-Chancellor – Chairman; Two Heads of Depts nominated by Vice-Chancellor - Members.	Registrar.
97.	Attender Rs.4800-10000 + 1400 (GP) in PB 1A.	Must have passed VIII     Standard or III Form in a     recognised school or must     possess an Army first class     Certificate of Education     Must have completed S.S.L.C.     if recruited directly.	By promotion among the Group D in the scale of Rs.2550-55- 2660-60-3200 and Direct recruitment among eligible candidates of TANUVAS.	(a) (b)	One University Officer nominated by Vice-ChancellorChairman. Two Heads of Dept. nominated by Vice-Chancellor - Members	Registrar.
98.	Lift Operator Rs.4800-10000 + 1400 (GP) in PB 1A	<ol> <li>Practical experience for a period of not less than one year in lift operations its repairs, and maintenance.</li> <li>Preference shall be given to candidates who have passed III Form in a recognised high school (or) who possess the Indian Army III Class English Certificate.</li> </ol>	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.		One University Officer nominated by Vice-Chan- cellor – <i>Chairman</i> ; Two Heads of Depts. nominated by Vice-Chan- cellor- <i>Members</i> .	Registrar.

99.	Farrier Rs.4800-10000 + 1650 (GP) in PB 1A.	<ol> <li>Must possess sufficient         Physical ability and be able to             do any kind of manual work             in any section of the Colleges             in TANUVAS.     </li> <li>Must have practical experience for a period of not         less than one year in the         concerned field of work as             Farrier or Hammerman or             Doorman.</li> </ol>	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.		One University Officer nominated by Vice-Chancellor – <i>Chairman</i> ; Two Heads of Depts. concerned nominated by Vice-Chancellor - <i>Members</i> .	Registrar.
100.	<b>Doorman</b> Rs.4800-10000 + 1400 (GP) in PB 1A.	<ol> <li>Must possess sufficient Physical ability and be able to do any kind of manual work in any section of the Colleges in TANUVAS.</li> <li>Must have practical experience for a period of not less than one year in the concerned field of work as Farrier or Hammerman or Doorman.</li> </ol>	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	(a) (b)	One University Officer nominated by Vice-Chancellor – <i>Chairman</i> ; Two Heads of Depts. concerned nominated by Vice- Chancellor - <i>Members</i> .	Registrar.
101.	Maistry Rs.4800-10000 + 1650 (GP) in PB 1A.	Must have practical knowledge and experience in Agriculture or Management of Cattle or Sheep or Poultry to the satisfaction of the appointing authority.	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	(a) (b)	One University Officer nominated by Vice-Chancellor – Chairman; Two Heads of Depts. concerned nominated by Vice- Chancellor - Members.	Registrar.
102.	Technician Gr.I deleted	d w.e.f. 1.1.1996 (U.O.No.60109/R.I	/99, dated 17.08.99)			
103.	Fieldman Rs.5200-20200 + 1800 (GP) in PB 1	By Direct Recruitment.  (1) Must have passed III Form in a recognised school By Promotion  (1) Must read and write regional language (2) Must possess farm experience for a period of not less than three years in the Government Livestock or Dairy or Poultry Farm or places where similar training is possible.  Preference shall be given to candidates those who have studied III Form in a recognised school	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	(b)	One University Officer nominated by Vice-Chancellor – <i>Chairman</i> ; Two Heads of Depts. Nominated by Vice-Chancellor - <i>Members</i> .	Registrar.
*104.	Gas Mechanic (Gr.II): Rs.5200-20200 + 1900 (GP) in PB 1.	<ol> <li>Must have passed III Form or VIII standard in a recognised school.</li> <li>Must hold the certificate of Mechanical Engineering of Chengalvaraya Technical Institute at Chennai or the certificate of the completion of the Mechanical Engineering or Mechanical course in a Government Industrial Trade school.</li> <li>Must have practical experience in a workshop for a factory of the Government department or a Non- Government or ganisation for a period of not less than one year</li> </ol>	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.		One University Officer nominated by Vice-Chancellor – <i>Chairman</i> ; Two Heads of Depts. nominated by Vice-Chancellor - <i>Members</i> .	Registrar.

<sup>\*</sup> Designation modified by U.O.No.60266/R.I/94, dated 11.3.1994.

*105 (a)	Public Relations Officer Rs.15600-39100 + 5400 (GP) in PB 3.	<ul> <li>(1) A Degree in Arts/ Science or commerce and</li> <li>(2) Service as Asst. Public Relations Officer for a period of not less than three years or as Superintendent for a period not less than four years in TANUVAS.</li> </ul>	By promotion from among the post of Asst. Public Relations Officer or Superintendent		Designation with the
		For Direct Recruitment: (1) A degree in Arts / Science or Commerce and (2) Experience in Journalism work or Public Relations for a period of not less than two years in a Dept. / Organisation or Firm.	(or)  By direct recruitment.	a) Registrar – Chairman b) One University Officer nominated by Vice- Chancellor – Member c) One Head of Dept. nominated by Vice- Chancellor - Member.	Registrar with the approval of the Vice- Chancellor.

\* Inserted by U.O.No.60272/R.I/97, dated 30.1.1997 effective from 2.1.1997.

*105 (b)	Assistant Public Relations Officer Rs.9300-34800 + 4500 (GP) in PB 2.	(2)	A Degree Experience in Public Relations for a period of not less than three years Preference will be given to persons who possess a Diploma in Journalism or Communication or Public Relations.	Appointment by Transfer from the eligible candidates of TANUVAS / Direct recruitment.	(b)	Registrar- airman One University Officer nominated by Vice- Chancellor- Member. One Head of Department nominated by Vice- Chancellor - Member.	Registrar
106.**	Junior Data Entry Operator Rs.5200- 20200 + 2200 (GP) in PB 1.	1. 2. 3. 4.	Must possess a Degree A certificate Course in data entry operation. Typewriting English Higher and Tamil Lower. One year experience in data entry operation.	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	(β)	One University Officer nominated by the Vice- Chancellor - Chairman. One Head of the Dept./ Stations and One Senior Scientist nominated by Vice- Chancellor - Members.	Registrar

\* Inserted by U.O.No.60272/R.I/97, dated 30.1.1997 effective from 2.1.1997. \*\* Modified by U.O.No.60035/RI/2005, dated 13.5.2005 effective from 16.05.2005.

107	Photographer Gr.III Rs.5200- 20200 + 1900 (GP) in PB 1.	Experience in the field of photography.	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	(a) (b) (c)	One University Officer nominated by the Vice- Chancellor - <i>Chairman</i> . One Head of the Dept/ Stations and One Senior Scientist nominated by Vice- Chancellor - <i>Members</i> .	Registrar.
108.	Public Relations Assistant Grade- II Rs.5200-20200 + 2400 (GP) in PB 1.	<ol> <li>A degree</li> <li>Experience in public relations work for a period of one year.</li> <li>Provided other things being equal, special preference shall be given to those who possesses a diploma in journalism or communication or public relations.</li> </ol>	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	(a) (b) (c)	One University Officer nominated by the Vice- Chancellor - <i>Chairman</i> . One Head of the Dept./ Stations and One Scientist nominated by Vice-Chancellor - <i>Members</i> .	Registrar.
109.	Skipper Rs.15600-39100 + 6600 (GP) in PB 3.	<ol> <li>Must possesses minimum general educational qualification or been declared eligible for college course; and</li> <li>Must have obtained a certificate of competency as Skipper for fishing vessels issued by the Mercantile marine department</li> <li>Must have completed 30 years of age.</li> </ol>	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/Employment Exchange shall be addressed/By promotion from among the holders of the post of BOSUN (Uncertified).	(b)	One University Officer nominated by the Vice- Chancellor - Chairman. One Dean, Fisheries nominated by the Vice-Chancellor - Member. One Head of the Dept. Fisheries faculty nominated by Vice-Chancellor - Member.	Registrar with the approval of the Vice- Chancellor

110. Information Assistant Rs.5200-20200 + 2400 (GP) in PB 1.	Degree in Library Science     Preference: In addition to the above essential qualifications;     Knowledge in typing including electronic typing.     working knowledge in Library.     Knowledge in application of computer.	By recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector/ Employment Exchange shall be addressed.	(b)	One University Officer nominated by the Vice- Chancellor - Chairman. One Head of the Dept./ Stations and One Scientist nominated by Vice- Chancellor - Members.	Registrar
*111 Technical Assistant (Civil/ Electrical/ Mechanical) Rs.5200-20200 + 2800 (GP) in PB 1.	Recruitment by transfer or by Direct recruitment:     Must have passed DCE., DME and DEE awarded by the technological Diploma Examination Board, Madras.     (or)     Similar Diploma awarded by the University or institutions recognised by University grants Commission for the purposes of its grant.     (or)     Recruitment by transfer from the Category of Works Inspector (Gr.I) without Diploma:     (i) Must have passed SSLC with bifurcated Engineering course and     (ii) Practical experience for a period of not less than two years.     (iii) Must have put in ten years of Service in the post of Work Inspector Grade – I	Recruitment by transfer from other technical categories (or) From the category of Work Inspector, Grade-I without Diploma.  (or)  By recruitment among the eligible candidates of TamilNadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available, the Collector /Employment exchange shall be addressed.	(a) (b) (c)	One University Officer nominated by the Vice- Chancellor – Chairman One Senior Engineer and One Head of Department nominated by Vice-Chancellor - Members.	Registrar.

effective from 7.4.2006.

*112	Work Inspector (Civil)	(i)	Must have passed	By promotion			Registrar.
	<b>Grade-I</b> Rs.5200-20200 +		SSLC with bifurcated	from the category of Work Inspector			-
	2400 (GP) in PB 1		Engineering course	Grade-II or			
			and		(a)	One University	
		(ii)	Practical experience	By recruitment among the eligible		Officer nominated by	
			in building / design	candidates of Tamil Nadu Veterinary		the Vice- Chancellor	
			works for a period	and Animal Sciences University		– Chairman	
			of not less than two	who were recruited originally	(b)	One Senior Engineer	
			years.	through employment exchange or		and	
				other agencies approved by the	(c)	One Head of	
				Government. If suitable candidates		Department	
				are not available, the Collector		nominated by the	
				/ Employment Exchange shall be		Vice-Chancellor -	
				addressed.		Members.	

 $<sup>{\</sup>rm *Inserted\ by\ U.O.No.60211/R.I/94,\ dated\ 12.12.1994\ effective\ from\ 31.10.1994.}$ 

*113	Work Inspector (Civil)	Must have	By recruitment	(a)	One University Officer	Registrar
	Grade-II: Rs.5200-20200 +	passed SSLC	among the eligible candidates of Tamilnadu		nominated by the Vice-	
	1900 (GP) in PB 1.	with bifurcated	Veterinary and Animal Sciences University		Chancellor - Chairman;	
		Engineering	who were recruited originally through	(b)	One Senior Engineer	
		course.	Employment Exchange or other agencies		and	
			approved by the Government. If suitable	(c)	One Head of	
			candidates are not available, the Collector /		Department nominated	
			Employment		by the Vice-Chancellor -	
			Exchange shall be addressed.		Members.	

## \* Inserted by U.O.No.60211/R.I/94, dated 12.12.1994 effective from 31.10.1994.

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*114	High Tension Operator Rs.9300-34800 + 4200 (GP) in PB 2.	i) ii)	Diploma in Electrical Engineering Electrical Supervisor certificate (C. certificate issued by the Electrical Licensing Board of Government of Tamil Nadu).	By recruitment among the eligible candidates of Tamil Nadu veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available, the Collector / Employment Exchange shall be addressed.	(b)	 Registrar.

<sup>\*</sup> Inserted by U.O.No.60211/R.I/94, dated 12.12.1994 effective from 31.10.1994.

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**115	Information Officer Rs.15600- 39100 + 5400 (GP) in PB 3.	a) B.E. in Computer Science or Electronics and Instrumentation; or  b) Master's degree in arts or science along with a degree or Post-graduate degree in Library and Information Science.	By recruitment among eligible candidates of TANUVAS who were recruited originally through Employment Exchange or other agencies approved by the Govt. if suitable candidates are not available, recruitment shall be done through open advertisement.	(a) Registrar - Chairman (b) One University Officer. nominated by Vice- Chancellor Member (c) One Head of Dept. nominated by the Vice- Chancellor - Member (d) Professor and Head and Project Co-ordinator of the Bio-informatic Centre - Member.  Registrar with the approval of the Vice- Chancellor. Chancellor.
*116	Farm Manager Rs.9300- 34800 + 4400 (GP) in PB 2.	B.Sc. degree in Agriculture / Horticulture / Home Science or B.V.Sc. & AH in Veterinary and Animal Sciences with OGPA of 3.00 / 4.00 or 7.00 / 10.00 or its equivalent is essential	By direct recruitment through the Employment Exchange. If suitable candidates are not available recruitment shall be made through advertisement.	<ul> <li>(a) One University Officer nominated by the Vice-Chancellor – Chairman</li> <li>(b) One Head of Dept./ Station nominated by the Vice-Chancellor,</li> <li>(c) One Senior Scientist nominated by the Vice-Chancellor and</li> <li>(d) One Representative of the Division of Agricultural Extension, ICAR - Member.</li> </ul>
*117	Training Assistant / Programme Assistant Rs.9300- 34800 + 4400 (GP) in PB 2.	B.Sc. degree in Agriculture / Horticulture / Home Science or B.V.Sc. & AH in Veterinary and Animal Sciences or B.V.Sc. & AH in Veterinary and Animal Sciences with OGPA of 3.00 / 4.00 or 7.00 / 10.00 or its equivalent is essential.	By direct recruitment through the Employment Exchange. If suitable candidates are not available recruitment shall be made through advertisement.	<ul> <li>(a) One University Officer nominated by the Vice-Chancellor – Chairman</li> <li>(b) One Head of Dept./ Station nominated by the Vice-Chancellor,</li> <li>(c) One Senior Scientist nominated by the Vice-Chancellor and</li> <li>(d) One Representative of the Division of Agricultural Extension, ICAR - Member.</li> </ul>
*** 118	Milk Recorder Rs.5200-20200/- + Rs.2000/- G.P. in P.B 1.	(1) Must possess the minimum general educational qualifications prescribed in the schedule I to the General Rules for the Tamil Nadu State and Subordinate Service Rules.      (2) If other thing being equal, preference shall be given to those who possess practical experience in Milk recording working in any Government Department/ University farms or on private sector undertakings.	a) By Recruitment among eligible candidates of Tamil Nadu Veterinary and Animal Sciences University who were recruited originally through employment exchange or other agencies approved by the Government. If suitable candidates are not available the Collector / Employment Exchange shall be addressed.  (or) b) Recruitment by transfer from any other service  (or) c) transfer from any other class	(a) Registrar - Chairman (b) One University Officer nominated by Vice-Chancellor - Member c) One Head of Department nominated by Vice-Chancellor- Member

 $<sup>{\</sup>rm *Added\ by\ U.O. No. 60154/RI/2010,\ dated\ 05.02.2010\ effective\ from\ 19.09.2005.}$ 

<sup>\*\*</sup> Inserted by U.O.No.60096/R.I/2000, dated 26.9.2000 effective from 26.3.1990.

<sup>\*\*\*</sup> Inserted by UO No.60149/R1/2011, dated 0.11.2011 with effect from 11.8.2011

# 6.6.5.2. SEMINARS / SYMPOSIUM / WORKSHOPS / OVERSEAS TRAININGS ATTENDED BY FACULTY OF TANUVAS IN LAST FIVE YEARS

## 2014-15

## Trainings

Name and Designation S.Jaishankar, Assistant Professor P.Vasan, Professor	Title of the Programme Demonstration of Oestrus Synchronization and Artificial Insemination (AI) in Sheep	<b>Duration</b> 20.08.14 - 26.08.14	<b>Place</b> CSWRI, Avikanagar
C. Theophilus Anandhkumar, Asst. Professor R.Rajendran, Professor	Consultancy projects management	22.08.14 – 27.08.14	NAARM, Hyderabad
S.Paramasivan, Associate Professor	Current trends in veterinary surgery and imaging techniques	03.09.14 - 23.09.14	Guru Angad Dev University of Veterinary and Animal Sciences (GADVASU), Ludhiana
R.Balamurugan and A.Bharathidhasan, Assistant Professors	SF6 Tracer Technique	15.09.14 - 16.09.14	NDDB, Anand
Gayathri Subbiah, Assistant Professor	Professional Skills for Trainers of Extension Institutes of Agriculture and Allied Departments	27.10.14 - 01.11.14	MANAGE, Hyderabad
K.Padmanath and K. Nagarajan, Assistant Professors	Molecular Approaches for diagnosis of animal cancers and strategies for developing cancer vaccines	01.11.14 - 10.11.14	Indian Veterinary Research Institute, Izatnagar
C.Jayanth, J.Umamageswari, N.Jayanthi, E.Venkatesakumar, S.P.Preetha and K.Jayakumar, Assistant Professors	Imaging and minimally invasive diagnostic techniques in farm and pet animal practice	05.11.14 - 25.11.14	Madras Veterinary College, Chennai
N.Muniappan Assistant Professor S.Subapriya and A.Sundaresan, Assistant Professors	The current concept in canine breeding and infertility management Refresher Course in Biotechnology, Microbial Biotechnology & Bioinformatics	05.11.14 - 07.11.14 06.11.14 - 26.11.14	Madras Veterinary College, Chennai Bharathiar University, Coimbatore
K.Premavalli Assistant Professor	Frontier Approaches and Diagnosis and Control of Animal Viral Diseases with Quality Assurance and Quality Control of Veterinary Biologicals	10.11.14 - 19.11.14	Indian Veterinary Research Institute, Izatnagar
P.Muthusamy and G.M.Sivakumar Assistant Professors	Disaster management programme	11.11.14 - 01.12.14	University of Madras, Chennai
Ayyavoo Preamnath Manoharan, Associate Professor P.Kanagaraju, K.Loganathasamy, P.Suresh Kumar, R.Yasothai, A.Kalaikannan, R.P.Senthilkumar and B.Puvarajan, Assistant Professors	Technological and Engineering aspects of Ice cream Plant Exploitation of poultry production by mitigating the climate and farm management to prevent global warming	24.11.14 - 29.11.14 26.11.14 - 16.12.14	Vidya Dairy, Anand, Gujrat VC&RI, Namakkal
P.Murugan and S.Alagudurai Assistant Professors	Participatory Impact Monitoring and Assessment	01.12.14 - 06.12.14	KVK, Mysore

P.Ganapathi, Assistant Professor R.Thiagarajan, Associate Professor	Advanced Molecular and Bioinformatics Approaches for Genome Characterization of Indigenous Animal Genetic Resources	01.12.14 10.12.1	· · · · · · · · · · · · · · · · · · ·
K.Padmanath Assistant Professor	Refresher Course in Environmental Studies	03.12.14 23.12.1	,
M.Selvaraju Professor	Bovine Fertility Management	20.12.1	4 Livestock Research Station, Palakkad, Kerala
P.Murugan Assistant Professor	Recent Advances in Crops Management under Protected Cultivation	26.12.14 15.01.1	5
A.Karthiayani, Assistant Professor	Entrepreneurship development through Agro-processing centres	21.01.1 -30.01.1	2
S.Senthilkumar, Assistant Professor	Environmental studies	27.01.15 16.02.1	3
Workshops			
Name and Designation	Title of the Programme	Duration	Place
R.Rajendran and S.M.K.Karthickeyan Professors	Network Project on AnGR	23.04.14	National Bureau of Animal Genetic Resources, Karnal
C.Sankar, Assistant Professor M .Palanisamy, Associate Professor	Annual Review Workshop 2013- 2014 of KVKs of Zone VIII	05.05.14 - 08.05.14	CMFRI, Kochi
B.Mohan and P.Kumaravel Professors and Head C.Chandrahasan, Director of Extension Education			
T.Sivakumar, Dean	Certification Workshop on carbon credits	21.06.14	Coimbatore
C.Chandrahasan, Director of Extension Education	Technologies for Sustainable Rural Development-Having Potential for Socio-Economic Upliftment (National)	04.07.14 - 05.07.14	Bhopal
V.M.Sankaran, G.A.Balasubramanian and N.Murali, Professors and Head M.Murugan, Dean	Emerging trends for Commercial Goat Farming	05.07.14	Saraswathi Foundation for Rural Development and Training, Trichy
S.Kathirvel, Associate Professor and Head	Livestock Keepers Right and Breed Saviour Award Ceremony function (National)	08.07.14 - 09.07.14	NBAGR, Karnal
A.Gopinathan, Assistant Professor A.Subramanian, Professor	Hi-Tech Solutions on Bovine Semen Analysis & Laboratory Management	17.07.14	Bengaluru
A.Paramasivam, Assistant Professor	Optimizing the performance of working dogs: Nutrition, Health and Management (International)	23.07.14 - 24.07.14	Madras Veterinary College, Chennai
A.Jagadeeswaran, Associate Professor	Bioinformatical approaches in biological sequence analysis with special emphasis on next generation sequencing (National)	24.07.14 - 26.07.14	Madras Veterinary College, Chennai
G.Dhinakar Raj, Project Director, TRPVB	Biosecurity and United Nations Security Council Resolution 1540	21.08.14 - 22.08.14	Iinternational Centre for Genetic Engineering and Biotechnology, New Delhi

P.Kumarasamy, Professor and Head	Sustainable Genetic Improvement, Utilization and Conservation of Indigenous Livestock Breeds: Conventional and Biotechnological Approaches	06.09.14 - 07.09.14	SGVP Gurukul, Ahmedabad
C.Soundararajan, Assistant Professor A.Jagadeeswaran, Associate Professor	Application of Bioinformatics in drug designing (National)	24.09.14 - 26.09.14	Madras Veterinary College, Chennai
M.S.Kannadhasan, A.Thennarasu, A.Yasotha, G. Rajmanohar, K.Premavalli, C.Vennila, D.Cauveri, G.M.Sivakumar, K.S.Gnanalaksshmi K.SenthilKumar, M.Palanivelrajan, N. Vimal Rajkumar, A.Serma Saravana Pandian, T.Muthuramalingam, K.Suresh Kumar, S.Jaishankar, B.Rajesh Kumar and R.Sakthivadivu, Assistant Professors M.Prabu, C.Bandeswaran and J. Muralidharan, Associate Professors S.Meenakshi Sundaram, N.Kumaravelu, V.Ramesh and R.Karunakaran, Professors	Focus on climate change on rural livelihood and farming sector (National)	11.10.14	Madras Veterinary College, Chennai
Thanga.Thamil Vanan, V.M.Sankaran, and B.Mohan, Professors and Head T.Sivakumar, Dean			
M. Vimalarani, Assistant Professor	Frontier home science technologies for knowledge and economic empowerment	28.10.14 - 30.10.14	University of Agricultural Sciences, Dharward
T.C.Balamurugan, Assistant Professor	Physiological determinants of climate resilient and sustainable animal production	27.11.14 - 28.11.14	Central Institute for Research on Buffaloes, Hisar, Haryana
C.Valli, Professor and Head	Research methods in agroforestry	01.12.14 - 05.12.14	Indian Grassland and Fodder Research Institute, Jhansi
J.Umamageswari and C.Jayanthy Assistant Professors	An insight into vetinformatics (National)	29.12.14 - 30.12.14	Madras Veterinary College, Chennai
D.Sumathi Assistant Professor A.P.Nambi, Professor	DST Lockheed Martin India Innovation Growth Programme	29.12.14	Hotel Accord Metropolitan, Chennai
S.Sureshkumar and P.S.L.Sesh, Associate Professors P.Kumarasamy, P.Devendran and D.Ramasamy, Professors	Data Validation	08.01.15 - 09.01.15	Agricultural College and Research Institute, Madurai
M.Raman and K.G.Tirumurugaan, Programme Directors, TRPVB	Controlling enteric pathogens of poultry: host/microbiota interactions, risk assessment and effective management interventions	04.02.15 - 05.02.15	Anand Agricultural University, Anand, Gujarat

#### Conferences

Conterences			
Name and Designation Karu Pasupathi, A.Bharathidhasan., K.Premavalli, R.Yasothai, R.Balamurugan and C.Kathirvelan, Assistant Professors P.Vasan and S.Ezhil Valavan Associate Professors M.R.Purushothaman and	Title of the Programme Climate resilient livestock feeding systems for global food security	<b>Duration</b> 20.04.14 - 22.04.14	Place Bengaluru
P. Vasanthakumar Professors			
Rita Narayanan, Associate Professor	Updating food technology : a challenge towards public health nutrition	07.05.14 - 08.05.14	JNU Convention Centre, Jawaharlal Nehru University, New Delhi
M.Murugan,	Recent trends in processing,	26.06.14 -	College of Food and
Associate Professor	quality and safety of ethnic and organic foods (National)	27.06.14	Dairy Technology, Koduvalli
G.Dhinakar Raj, Project Director, TRPVB	Host-pathogen interactions (International)	12.07.14 - 15.07.14	National Institute of Animal Biotechnology, Hyderabad
P.Vikrama Chakravarthi, R. Yasothai, S.Saraswathi, N.Vimal Rajkumar, P.Thilakar, A.Kalaikannan, D.Santhi, N.Jayanthi, R.Ravikumar, G.Senthil Kumar and M.Arthanari Eswaran, Assistant Professors	Native chicken production: challenges and opportunities (National)	04.09.14 - 05.09.14	Madras Veterinary College, Chennai
D.Thyagarajan, Director of Distance Education	Confederation of education excellence award-14	06.09.14	Econs Profit Solutions, New Delhi
D.Cauveri, Assistant Professor	Animal and dairy sciences (International)	15.09.14 - 17.09.14	Hyderabad International Convention Centre, Hyderabad
C.Vennila, M.S.Kannadhasan, A.Yasotha and A.Paramasivam, Assistant Professors V.Ramesh Saravana Kumar and K.Sivakumar Professors and	Revisiting management policies and practices for indigenous livestock and poultry breeds as eco-friendly economic producers	09.10.14 - 11.10.14	Vanbandhu College of Veterinary Science & Animal Husbandry, Navsari Agricultural University, Gujarat
Head G.Rathinasabapathy, Deputy Librarian	Library space and content management for networked society	18.10.14 - 20.10.14	DVK Central Library, Bangalore
S.Jayachitra, R.Yogeswari, P.Anbarasi, A.Arulmozhi, D.Thirumeignanam, Assistant Professors	6th Kerala Veterinary Science Congress	08.11.14 - 09.11.14	Hotel Arcadia, Kottayam
S.Ezhil Valavan and P.S.L Sesh, Associate Professors			
M.Selvaraju Professor G.Rathinasabapathy Deputy Librarian	Convergence of libraries, archives and museums (International)	27.11.14 - 29.11.14	Indira Gandhi National Centre for
C.Jayanthy Assistant Professor R.Madheswaran Assistant Professor	Global trends and challenges in biosciences" (National) Challenges and strategies in toxicology for food safety	05.12.14 - 06.12.14 10.12.14 - 12.12.14	the Arts, New Delhi Dr. MGR Janaki College for Women, Chennai Madras Veterinary College, Chennai

P.Thirunavukkarasu Assistant Professor	Bioactive peptides - application in veterinary, medical and food (National)	18.12.14 - 19.12.14	Madras Veterinary College, Chennai
R.Ravikumar and S.Jaishankar, Assistant Professors	Opportunities and strategies for sustainable pig production (National)	20.12.14 - 21.12.14	National Research Centre on Pig, Guwahati, Assam
A.Sangaran Professor			
T.Sivakumar Dean, Faculty of Food Sciences		20.10.14	
Rita Narayanan Associate Professor	Green technologies for environmental protection (International)	29.12.14 - 30.12.14	Vivek Vardini College, Jam Bagh, Koti, Hyderabad
P.Mathialagan, Professor and Head	12th Agricultural Science Congress	03.02.15 - 06.02.15	NDRI, Karnal
P.Murugan, Assistant Professor Sankaran V.M. and P.Tensingh Gnanaraj Professors and Head	Soilless Gardening Expo & Conference India 15	14.02.15 -15.02.15	Epicentre, Apparel House, Gurgaon
Seminars / Symposia			
Name and Designation T.Ravimurugan, R.Yasothai, D.Chandrasekaran, K.Premavalli and M.Arthanari Eswaran Assistant Professors	Title of the Programme Livestock diseases affecting livelihood options and global trade-strategies and solution (International Symposium)	<b>Duration</b> 17.07.14 - 19.07.14	Place Madras Veterinary College, Chennai
B.Samuel Masilamoni Ronald and S. Ezhil Valavan, Associate Professors			
S.Hemalatha and T.R.Gopala Krishna Murthy, Professors			
N.Pazhanivel, Professor and Head			
T.Satheesh Kumar, Assistant Professor	Clinical Proteomics for Veterinary and Allied Sciences (National Seminar)	18.07.14 - 19.07.14	Rajiv Gandhi Institute of Veterinary and Education, Puducherry
N.Karthickeyan, Assistant Professor C.Pandiyan, Associate Professor	Traditional foods-A key to comprehensive health and longevity (National seminar)	07.08.14 - 08.08.14	Morning Star Home Science College, Angamaly, Kerala
M.Gokulakrishnan and A.Arun Prasad, Assistant Professors Mala Shammi, C.Ramani, S.Ayyappan, L.Nagarajan and T.N.Ganesh, Professors	New Horizons of camel surgery and large ruminant surgery (International Symposium)	15.10.14 - 17.10.14	Rajasthan University of Veterinary and Animal Science, Bikaner, Rajasthan
S.Thilagar and Mohamed Shafiuzama, Professors and Head			
A.Thennarasu, Assistant Professor	New-Dimensions in Agrometerology for sustainable agriculture (International Symposium)	16.10.14 - 18.10.14	Pantnagar, Uttar Pradesh
K.Kulasekar, Professor	Infertility and estrus synchronization in large animals for field veterinarians of Goa (Seminar)	17.10.14	Hotel Orion, GOA
N.Punniamurthy Professor and Head	Mrugayurveda (International Seminar)	06.11.14 - 09.11.14	New Delhi

S.Saravanan and V.Gowthaman, Assistant Professors T.R.Gopalakrishna Murthy, Professor	Integrating Poultry Health and Food Safety (National symposium)	07.11.14 - 08.11.14	Pune
P.Srinivasan and R.Thangathurai Associate Professors G.A.Balasubramaniam, Professor C.Balachandran Dean	Veterinary Pathology Congress-14 and National Symposium on Impact of Climate Change on Pathobiology of Diseases of Animals, Poultry and Fish	13.11.14 - 15.11.14	Anand Agricultural University, Anand, Gujarat
B.Mohan, Professor	Recent trends in Commercial Livestock Enterprises	19.11.14 - 21.11.14	State Agriculture Management and Extension Training Institute, Kerala
K Ravikumar, S.Manokaran, V.Prabaharan, T.Sarath, R.Sureshkumar and S.Rangasamy, Assistant Professors M.Palanisamy, T.Sathiamoorthy and S.Sathesh Kumar, Associate Professors K.Kulasekar and M.Selvaraju, Professors	Research and Innovations to Improve Animal Fertility and Fecundity	20.11.14 - 22.11.14	DUVASU, Mathura
S.A.Asokan, Dean S.Sureshkumar Associate Professor	Sustainable Meat Production for Nutritional Security and Consumer Well-being: Challenges and Strategies	27.11.14 - 30.11.14	DUVASU, Mathura
P.Senthil Kumar, A.Arivuchelvan and P.Mekala Assistant Professors V.Ranganathan Associate Professor P.Sriram and S.Ramesh	Transgenesis in Drug Development and Present Scenario in Veterinary Pharmacovigilance	02.12.14 - 04.12.14	Assam Agricultural University, Khanapara, Guwahati
Professors K.Brindha, P.Muthusamy and B.Gowri Assistant Professors M.Palanisamy and S.Paramasivan, Associate Professors C.Soundararajan and R.Anilkumar, Professors	International Symposium on Animal Reproduction - Current challenges and translational research to augment animal reproduction	04.12.14 - 05.12.14	Madras Veterinary College, Chennai
P.Vikrama Chakravarthi, M.J.Raja and S.T.Bino Sundar, Assistant Professors	Challenge and Strategies in Toxicology for food safety and drug development - Regulatory perspectives in livestock	10.12.14 - 12.12.14	Madras Veterinary College, Chennai
P.Sivakumar, V.Jeichitra, R.Chitra, V.Senthilkumar and P.Sivakumar Assistant Professors A.Mohamed Safiullah and H.Gopi, Professors	Prospects and Challenges in Small Ruminant Production in India (National Seminar)	11.12.14 - 12.12.14	Sheep Breeding Research Station, Sandynallah, Nilgiris

N.Premalatha Associate Professor	Education and Research Perspectives for Current and Future Trends in the Indian Meat Industry (National Seminar)	15.12.14 - 16.12.14	Madras Veterinary College, Chennai
M.Anna Anandh, A.Bharathi Dhasan, R.Yasothai, P.Visha, V.Thavasiappan, M.J.Raja and C.Kathirvelan, Assistant Professors	Poultry production for global trade (National symposium)	16.12.14 - 18.12.14	Veterinary College and Research Institute, Namakkal
D.Basheer Ahmad, Associate Professor			
K. Viswanathan, V.Thanaseelan, C.Soundararajan and P.Tensingh Gnanaraj, Professors			
S.Gunasekaran Assistant Professor	Family farming: Agroforestry options for food, nutritional and ecological security in humid tropics (National seminar)	21.12.14 - 23.12.14	College of Forestry, Thrissur, Kerala
P.I.Ganesan and K.M.Palanivel, Professors and Head	Control of diseases in large and small ruminants	09.01.15 - 10.01.15	Hyderabad
G.Dhinakar Raj, Project Director, TRPVB	New dimensions in Veterinary Medicine: Technological advances, one health concept and animal welfare concerns (National Symposium)	22.01.15- 24.01.15	College of Veterinary And Animal Sciences , Pookode, Kerala
V.Mohamed Safiullah, Professor and Head T.Sivakumar, Dean	Livestock production practices for small farms of marginalised groups and communities in India (National Symposium)	28.01.15 - 30.01.15	Central Agricultural University, Aizawl, Mizoram

## Overseas Training / Seminars / Conferences

Name and Designation A.Thennarasu, Assistant Professor T.Sivakumar, Dean	Title of the Programme Food, Agriculture and Biology (International Conference)	<b>Duration</b> 11.06.14 -12.06.14	Place International Institute of Chemical, Biological and Environmental Engineering, Kuala Lumpur, Malaysia
P.Selvan, Assistant Professor	Food Safety, Quality Assurance and Risk Analysis (Training)	18.08.14 - 16.12.14	Ghent University, Belgium
G.Sarathchandra, Professor and Head	ICPMS (Training)	07.07.14 - 11.07.14	Hemel Hepstead, UK
S.Saravanan, Assistant Professor D.Kannan, Associate Professor	Intestinal Health Management	30.07.14 - 02.08.14	Bangkok, Thailand
T.N.Ganesh, Professor	24 <sup>th</sup> National Scientific Congress of Malaysian Small Animal Veterinary Association	14.08.14 - 16.08.14	Kuala Lumpur, Malaysia
C.Valli, Professor	International Conference 14	08.09.14 - 12.09.14	Canberra, Australia
R.Jayaprakash, S.Ayyappan and M.Maheshkrishna, Professors	World Small Animal Veterinary Conference	16.09.14 - 19.09.14	Cape Town, South Africa
R.Balamurugan, Assistant Professor	Dairy Nutrition (Conference)	23.09.14 - 22.12.14	Gent University, Belgium
P.Vasan, Professor and Head			

G.Sarathchandra, Professor and Head	Toxicology & Applied Pharmacology	17.10.14 - 24.10.14	Chicago, USA
N.Punniamurthy, Professor and Head	Cow and Herbs: India-Netherlands collaboration towards the reduction of antibiotics in dairy farming (Symposium)	18.10.14 - 02.11.14	Netherlands
S.T.Selvan, Professor	Poultry Science and Industry for Next Generation (Conference)	19.10.14 - 23.10.14	International Convention Centre, Jeju Island, Republic of Korea
Y.Krishnamohan Reddy, Professor and Head	Bluetongue and related Orbiviruses (Conference)	05.11.14 <b>-</b> 07.11.14	Rome
P.Sankar, Assistant Professor	Medichem-14	18.11.14 - 20.11.14	Suzhou, China
G.Suganya, Assistant Professor	Advances in Veterinary Science Research (Conference)	24.11.14 - 25.11.14	Singapore

## 2015-16

Sl. No.	Name and designation of the Scientist	Title of the Programme	Duration	Place
1.	Dr.C.Balachandran	National Seminar on Contemporary Toxicologic Pathology in India, South Zone Conference of IAVP	11.02.2015 – 12.02.2015	Pookode, Kerala
2.	C. Balachandran	"TAXON"Zoonotic Diseases: Anthrax and Rabies, Dept. Microbiology	16.02.2015	Jaya College of Arts and Sciences
3.	Dr. P.Mathialagan Dr.A.Yasotha	Training of Trainers (ToT) programme on VERU course	15.04.15 - 17.04.15	Bihar Veterinary College, Patna.
4.	Dr. K. Nagarajan	Identification and Qualification of Hazardous Waste Generation from Industry	29.05.15	Environmental Training Institute, Tamil Nadu Pollution Control Board, Chennai-32
5.	Dr.C.Balachandran	International collaboration on "Veterinary Ayurveda and Ethnoveterinary medicine in reducing antibiotic use in dairy farming" held on 30.04.2015 and 01.05.2015 at Bangalore.	30.04.2015 and 01.05.2015	Trans Disciplinary University
6.	Dr.C.Balachandran	First National conference held at MVC, Chennai 13.06.2015.	13.06.2016 – 14.06.2016	Agricultural Scientific Tamil Society's Conference
7.	Dr.Geetha Ramesh	Work ethics for development Professionals	15.06.15 - 21.06.15	Manage- Rajendranagar Hyderabad
8.	Dr. R.Narendra Babu	Training on NABL Auditing	18.06.15 19.06.15	ICAR, New Delhi
9.	Dr.P.L.Sujatha	Training programme on "Applications of Bioinformatics for Veterinary Research"	06.07.15 - 10.07.15	Bioinformatics centre, MVC
10.	Dr J Ramesh	Short course on "Nutritional Interventions for sustainable livestock production under impending climate change scenario	08.08.15 - 28.08.15	CAFT in Animal Nutrition, IVRI, Uttar Pradesh

11.	Dr.A.Thennarasu S. Rajalakshmi Dr. A. Gopinathan Dr.S.P.Preetha Dr. K. Nagarajan Dr.M.Thangapandyian Dr.P.Thilakar	"Developing winning research Proposals" organized by NAARM, Hyderabad.	10.08.15 - 13.08.15	Madras Veterinary College, Chennai
12.	Dr.A.Bharathidhasan	International training programme on "Livestock methane and climate change: Recent advances in methane estimation and amelioration strategies"	11.08.15 - 20.08.15	ICAR-NIANP, Bengaluru
13.	Dr. Vasanthi Suresh Assistant Professor	Training on ISO/IEC 17025:2005	28.09.15 - 03.10.15	National Institute of Plant Health Management, Hyderabad
14.	Dr.A.Bharathidhasan Dr.Thennarasu	ICAR sponsored Winter School on "Livestock and climate change: challenges and ways ahead for sustainable production"	01.10.15 - 21.10.15	ICAR-NIANP, Bengaluru
15.	S. Rajalakshmi	In silico drug designing and development	5.10.15 - 9.10.15	Bioinformatics and ARIS cell, MVC, Chennai
16.	Dr. A. Gopinathan	Current Concepts and Frontier Technologies for Fertility Management in Farm Animals	05.10.15 – 25.10.15	Karnal, Haryana
17.	Dr. M. R. Srinivasan	ICAR Winter School on "Advances in Breeding and Infertility Management in Canines"	12.11.15 to 02.02.15	Madras Veterinary College, Chennai
18.	G.M.Sivakumar	Designer milk meat and egg production by dietary manipulation	16.11.15 - 25.11.15	VCRI, Namakkal
19.	Dr. P. Azhahianambi	"Techniques for exact identification and Parasitic Disease Diagnosis in Domestic Animals"	16.11.15 - 06.12.15	Veterinary College, Bengaluru
20.	Dr.S.P.Preetha	21 days Refresher Course on "Nano Sciences"	17.11.15 - 7.12.15	Human Resource Development Centre, University of Madras, Chennai.
21.	Dr.K.Porteen Assistant Professor	ICAR sponsored Winter school on "Application of One health concepts for Control of Emerging Zoonoses and Health threats"	26.11.15 - 16.12.15	Kerala Veterinary and animal sciences university, Pookode, Wayanad
22.	Dr. Rita Narayanan	Designing New age Dairy Foods	28.11.15 - 18.12.15	NDRI – Karnal, Haryana
23.	Dr.P.L.Sujatha Assistant Librarian	Refresher course on "Nanosciences and nanotechnology"	17.11.15 - 7.12.15	Centre for nanoscience and nanotechnology, University of Madras, Chennai
24.	Dr.R.Ramani Assistant Professor	Training on ISO/IEC 17025:2005	28.12. 15 - 02.01. 16	National Institute of Plant Health Management, Hyderabad

25.	Dr.S.Rathnapraba	International visiting fellowship	20.04.2015	School of Veterinary
25.	Assistant Professor	programme 2015	to	Medicine,
			17.07.2015.	University of
				Nottingham, UK
26.	Dr.D.Reena	workshop on "Recent	22 to 26	Bioinformatics
	Assistant Professor	Advancements in Comparative	February 2016	Centre & ARIS Cell,
27.	Dr.D.Reena	Genomics and Proteomics"  National Training on	10.08.2015	Madras Veterinary
27.	Assistant Professor	"DEVELOPING WINNING	to	College, Chennai-
	71551544111 1 10105501	RESEARCH PROPOSALS	13.08.2015.	600 007.
28.	Dr.C.Vennila	Advance Soil biological	02.09.2015	Indian Institute of
	Assistant Professor	approaches for enhancing carbon	to	Soil Science, Bhopal
		sequestration and mitigate	22.09.2015	
29.	A. Serma Saravana	climate change First National Conference in	12.06.2016	TANIIVAC
29.	A. Serma Saravana Pandian	Tamil	13.06.2016 &	TANUVAS, Chennai and
	Assistant Professor	Tallill	14.06.2016	Agricultural
				Scientific
				Tamil Society,
				New Delhi
30.	A. Serma Saravana	National Seminar on	25.02.2016	Madras
	Pandian	Food: Safety, Health and	26.02.2016	Veterinary
2.1	Assistant Professor	Environment	26.06.2015	College School of
31.	B. Jayavarathan Assistant Professor	Three day national level workshop on "Data analysis in	26.06.2015 28.06.2015	Management,
	Assistant i fotessor	Management	28.00.2013	Department of
		- Econometrics		Management
				Studies,
				Pondicherry
	D. I. d.	5 1	10.00.2015	University
32.	B. Jayavarathan Assistant Professor	Developing winning research proposals	10.08.2015 to	Off campus training conducted by
	Assistant i fotessor	research proposals	13.08.2015	NAARM,
			13.00.2013	organized by the
				Director of Research
				at Madras
	D D 001		40.57.1.1	Veterinary College
33.	Dr. P. Thirunavukkarasu Assistant Professor	4 <sup>th</sup> National knowledge network annual workshop	4 <sup>th</sup> National knowledge network	Jawarhalal Nehru Technology
	Assistant Floresson	annual workshop	annual workshop	University,
			umidai workshop	Kukatpally,
				Hyderabad
34.	Dr. G. Senthil Kumar,	First National Conference	13.06.2015	TANUVAS Madras
	Assistant Professor	jointly organized by Tamil	to	Veterinary College,
		Nadu Veterinary and Animal Sciences University, Chennai	14.06.2015	Chennai
		and Agricultural Scientific Tamil		
		Society, New Delhi –		
35.	Dr. G. Senthil Kumar,	Developing Winning Research	10.08.2015	NAARM and
	Assistant Professor	Proposal	to	TANUVAS
2.	D C C 437	D.C. 1	13.08.2015	MVC, Chennai
36.	Dr. G. Senthil Kumar, Assistant Professor	Refresher course on "Economics and Economterics"	19.08.2015	Bharathiyar
	Assistant Professor	and Economiteries	to 08.09.2015	University, Coimbatore
37.	Dr. P.	CAFT training programme	11.11.2015	MVC, Chennai
] ],	Thirunavukkarasu,	on "Updates in Veterinary	to	, chemiai
	Assistant Professor	emergency and critical care	1.12.2015	
		medicine in farm and companion		
		animal practice		

38.	Dr.K.Senthilkumar, Assistant Professor	Thani Tamil Kaalnadai Ariviyal  – (Agricultural Scientific Tamil Society) conference	13 <sup>th</sup> to 14 <sup>th</sup> June, 2015	MVC, Chennai.
39.	Dr.M.G.Jayathangaraj, Professor and Head	Interactive Workshop on "Ensuring welfare of Asian elephants in captivity through integrated health care management system"	24-07-2015 to 25-07-2015	Pattikkad, Kerala,
40.	Dr.K.Senthilkumar, Assistant Professor	Food and Global warming	31st July- 1st Aug, 2015	MVC, Chennai
41.	Dr.M.Palanivelrajan, Assistant Professor	Developing Winning Proposals- NAARM Training Programme	10.08.205 to 13.08.2015	MVC, Chennai
42.	Dr.K.Senthilkumar, Assistant Professor	National Seminar on "Teaching, Research and Extension: Gaps in Livestock Development"	28.08.2015 and 29.08.2015	Rajiv Gandhi Institute of Veterinary Education & Research (RIVER), Puducherry
43.	Dr.M.Palanivelrajan, Assistant Professor	Laboratory training in the Microscopic hair analysis on usage of light microscope in trichology	28.09.2015 to 01.10.2015	Biology Division of Forensic Sciences Department, Chennai
44.	Dr.M.G.Jayathangaraj, Professor and Head	47 <sup>th</sup> Annual conference of American Association of Zoo Veterinarians (AAZV)	September 26 <sup>th</sup> to October 2, 2015	Portland in Oregan state of USA
45.	Dr.A.Prathipa Assistant Professor	Workshop on "In-silico drug designing and development"	05.10.2015 to 09.10.2015	Madras Veterinary College, Chennai
46.	Dr.K.Senthilkumar, Assistant Professor	International Symposium on "Ecology and Health Management of Asiatic Elephant (Elephas maximus)"	19 to 20 <sup>th</sup> November 2015	NASC complex, D.P.S Marg, Pusa, New Delhi
47.	Dr.K.Kumanan Dean, FBS	International conference on "Emerging Viruses 2015'	27th 29th July, 2015	School of Veterinary Medicine and Science, University of Nottingham, UK
48.	G.A.Balasubramaniam Professor and Head	32 <sup>nd</sup> Annual Conference of Indian Association of Veterinary Pathologists	<b>03.12.15</b> - 05.10.15	Gannavaram Andhra Pradesh
49.	Dr.A.Arulmozhi Assistant Professor	Techniques for exact identification and parasitic disease diagnosis in domestic animals	16.11.15 - 06.12.15	Veterinary College, KVAFSU, Bangalore
50.	Dr.A.Arulmozhi Assistant Professor	Developing winning research proposals	18.02.16 - 21.02.16	NAARM training at VC&RI, Namakkal
51.	Dr.R.Madheswaran Assistant Professor	Certificate course in Laboratory Animal Science (CCLAS-2016)	22.02.16 - 03.03.16	Madras Veterinary College, Chennai
52.	S.Jayachitra, Assistant Professor K.Iniyah, Graduate Assistant	Workshop on Laboratory Large Animal Science	23.05.2015 24.05.2015	Frontier Life Line Hospital, Chennai
53.	S.Jayachitra Assistant Professor K.Iniyah, Graduate Assistant	National Tamil Conference	13.06.2015 14.06.2015	Madras Veterinary College, Chennai
54.	S.Jayachitra, Assistant Professor	Accompanied North India Study tour, 2010-11batch	09.10.2015 23.10.2015	-
55.	Dr. P.S.L. Sesh Associate Professor	First Agricultural Science Tamil National Conference	June 13 to 14, 2015	Madras Veterinary College, Chennai
56.	Dr. K. Devipriya Assistant Professor	First Agricultural Science Tamil National Conference	June 13 to 14, 2015	Madras Veterinary College, Chennai

57.	Dr. K. Devipriya	CAFT training on Prospectus	Jan	IVRI, Izatnagar, UP
07.	Assistant Professor	and retrospects in assisted	08 to 28.	1 v Iti, izumugui, Oi
	Tibbibtant Tibibboi	reproductive technologies	2016.	
58.	Dr. K. Devipriya	National Workshop on	Jan	Division of
56.	Assistant Professor	Innovative strategies of	16 <sup>th</sup> 2016.	Physiology and
	Assistant Froncisco	Physiological Genomics research	10 2010.	Climatology,
		Filysiological delionies research		ICAR, IVRI
50	Dr. T. Cotherologue	Davelanina ssinnina nagaansh	Feb 18 to 21.	<u> </u>
59.	Dr.T.Sathyabama	Developing winning research		Veterinary College
	Assistant Professor	proposals	2016.	and Research
		27 17 11 0 1 0	2010.01.5	Institute, Namakkal.
60.	C.Pandiyan,	North India Study Tour	09.10.2015 to	North India
	Associate Professor		23.10.2015	
61.	N.Karthokeyan	Summer school on - Post harvest	1.07.2015	Post Harvest
		processing and value addition	to 21.7.2015	Technology Centre,
		of millets for the development		AEC& RI,TNAU,
		of functional foods to combat		Coimbatore
		lifestyle disorders		
62.	K.Sukumar,	Workshop on bluetongue	17.11.15	MVC, Chennai
	Professor and Head	diagnosis		
		and control		
63.	P.Suresh,	Developing winning research	18.02.16 - 21.02.16	VCRI, Namakkal
	Assistant Professor	Proposal		
64.	M.Arthanari Eswaran,	First national Tamil conference	13.06.15 - 14.06.15	MVC, Chennai
	Assistant Profeesor			
65.	Dr.A.Kalaikannan,	National Seminar on "Food:	25.02.2016 to	Madras Veterinary
	Assistant Professor	Safety, Health and Environment"	26.02.2016	College, Chennai
66.	Dr.D.Santhi,	National Seminar on "Food:	25.02.2016 to	Madras Veterinary
00.	Assistant Professor	Safety, Health and Environment"	26.02.2016	College, Chennai
67.	Dr.D.Santhi,	First Agricultural Science Tamil	13.06.2015 to	Madras Veterinary
07.	Assistant Professor	National Conference	14.06.2015	College, Chennai
68.	Dr.P.Sivakumar	Second convention of the	25/02/2016 to	MVC,Chennai
00.	Assistant Professor	Association of Meat Scientists	26/02/2016.	ivi v e,enomui
	11551544111 110105501	And Technologists and National	20/02/2010.	
		Seminar on Food: Safety ,Health		
		and Environment		
69.	Dr.P.Sivakumar	First Agricultural Science Tamil	13.06.2016 to	MVC, Chennai
09.	Assistant Professor	National Conferencee	14.06.2016	Wi V C, Chemiai
70.	G. Vijayakumar	1st National Conference on Tamil	13.06.2015 -	MVC, Chennai
70.	O. Vijayakuillai	1 National Conference on Tahin	14.06.2015	TANUVAS
71	C Viiovolaumor	34 <sup>th</sup> Annual convention of Indian	17.02.2016 -	
71.	G.Vijayakumar			Guru Angad Dev
		Society for Veterinary Medicine	19.02.2016	Veterinary and
		and National Symposium		Animal Sciences
				University, Ludhiana
72.	R. Chitra	ICAR sponsored short course on	08-12-2015 - 17-12-	National Dairy
		Crossbred Male Infertility and	2015	Research Institute
		Bovine Genomics		(NDRI), Karnal
73.	P. Vasan	International Diploma in Animal	29-02-2016 -	Barneveld,
		Feed	27-05-2016	Netherlands
74.	G.Ponnudurai	25 <sup>th</sup> National congress of	17.02.2016	Madras Veterinary
	Professor &Head	Veterinary Parasitology	19.02.2016	College, Chennai
75.	Dr.N.Rani,	25 <sup>th</sup> National congress of	17.02.2016	Madras Veterinary
	Assistant Professor	Veterinary Parasitology	19.02.2016	College, Chennai
76.	Dr. Velusamy,	25 <sup>th</sup> National congress of	17.02.2016	Madras Veterinary
, 5.	Assistant Professor	Veterinary Parasitology	19.02.2016	College, Chennai
77.	G.Ponnudurai	PI - Training under DBT-	07.02.2016	University of
''.	Professor & Head	BBSRC scheme	12.02.2016	Glasgow, UK.
	1 TOTESSOT & TTEAU	DDSIC SCHOOL	12.02.2010	Glasgow, UK.

78.	Dr.P.Anbarasi, Assistant Professor	NAARM training	18.02.2016 21.02.2016	VC&RI, Namakkal
79.	Dr.K.M.Sakthivel	ICAR sponsored CAFT Training Programme on "Communication and management tools and approaches for agricultural extension	02.09.2015 to 22.09.2015	Division of Agricultural Extension, ICAR, New Delhi.
80.	Dr.N.Narmatha, Dr.M.Moorthy, Dr.K.M.Sakthivel, Dr.V.Uma and Dr.M.Jothilakshmi	7 <sup>th</sup> International Clinical Case Conference	13.08.2015 and 14.08.2015	VC&RI., Namakkal
81.	Dr.V.Uma and Dr. M.Jothilakshmi	Developing Winning Research Proposals	18.02.2016 to 21.02.2016	VC&RI, Namakkal
82.	Dr.P.Vikrama Chakravarthi Assistant Professor	International Symposium on " Role of Veterinary Ayurveda and ethnoveterinary Practices in reducing use of antibiotics and other chemical veterinary drugs in dairy farming	30.04.2015 to 01.06.2015	Trans Disciplinary University Bangalore
83.	Dr.M.Selvaraju Professor and Head	Annual Scientific Conference— XII 2015 (ASCOn-XII) followed by Workshop and Training Programme on "Veterinary Obstetrics and Gynaecology	25.04.2015 to 29.04.2015	Chittagong Veterinary and Animal Sciences University, Bangladesh.
84.	Dr.M.Selvaraju Professor and Head	First National Conference on Scientific Tamil	13.06.2015 to 14.06.2015	Madras Veterinary College, Chennai,
	Dr.M.Palanisamy Associate Professor			
	Dr.A.Kumaresan Assistant Professor			
	Dr. Vikrama Chakravarthi Assistant Professor			
85.	Dr. M.Selvaraju Professor and Head	7 <sup>th</sup> International Clinical Case Conference on Farm and	13.08.2015 to 14.08.2015	Veterinary College and Research
	Dr. M.Palanisamy Associate Professor	Companion Animal Practice for Veterinary Students		Institute, Namakkal
	Dr.K.K.Ponnusamy Associate Professor			
	Dr. A.Kumaresan Assistant Professor			
	Dr. K.Ravikumar Assistant Professor			
	Dr.P.Vikrama Chakravarthi Assistant Professor			
86.	Dr. M.Selvaraju Professor and Head	TANUVAS Foundation Day 2015 and Livestock and Poultry Farmers Day	19.09.2015	Tiruchirapalli
87.	Dr.M.Selvaraju Professor and Head	XXXI Annual Convention of the Indian Society for the Study of Animal Reproduction	03.12.2015 to 05.12.2015	Veterinary College, Hebbal, Bengaluru
	Dr.M.Palanisamy Associate Professor	(ISSAR) on "Current Challenges and Opportunities in Animal Reproduction" (2015)		

88.	Dr.K.Ravikumar	Prospect and Retrospect	08.01.2016 to	Department of
	Assistant Professor	in Assisted reproductive	28.01.2016	Animal Physiology,
		technologies		Indian Veterinary
				Research Institute,
90	D., D. C.,	Constant Mala Information and	08.12.2015	Izatnagar, Bareilly
89.	Dr. R.Saravanan Assistant Professor	Cross Breed Male Infertility and Bovine Genomics	17.12.2015	Animal Biotechnology
	Assistant 1 totessor	Bovine Genomics	17.12.2013	Centre, ICAR,
				National Dairy
				Research Institute,
				Karnal, Haryana
90.	Dr.S. Manokaran,	First National Tamil Conference	13.06.2015 to	Madras Veterinary
	Assistant Professor		14.06.2015	College, Chennai –
				600 007.
91	Dr.R.Ezakial Napolean,	7 <sup>th</sup> International Clinical Case	13.08.2015 to	Veterinary College
0.2	Professor and Head	Conference on the Farm and	14.08.2015	and Research
92	Dr.R. Anil Kumar, Professor	Companion Animal Practice for Veterinary Students		Institute, Namakkal
93	Dr.S. Manokaran,	vetermary Students		Namakkai
93	Assistant Professor			
94	Dr.R.Ezakial Napolean,	XXXI Annual Convention of	03.12.15 to 05.12.15	Veterinary College,
	Professor and Head	ISSAR and National symposium	03.12.13 to 03.12.13	Bangalore,
95	Dr.R. Anil Kumar,	on Current challenges and		
	Professor	opportunities in Animal		
		Reproduction		
96	Dr.S. Manokaran,	Prospects and Retrospect's	08.01.16 to 28.01.16	IVRI, Izatnagar
	Assistant Professor	in Assisted Reproductive		
		Technologies		
97	Dr.K.M.Palanivel,	Work ethics for development of	15.6.2015 to	MANAGE,
98	Professor and Head Dr.K.M.Palanivel	professionals Workshop on continuous	20.6.2015 from 14.8.2015 to	Hyderabad CVASU, Bangladesh
98	DI.K.IVI.Palanivei	Workshop on continuous veterinary education for field	18.8.2015	CVASU, Bangiadesh
		veterinarians veterinarians	10.0.2013	
99	Dr.K.M.Palanivel,	7th International Clinical	13.8.2015 and	Veterinary College
	Dr.G.Selvaraju,	Case Conference on Farm and	14.8.2015	and Research
	Dr.S.Saravanan &	Companion Animal Practice for		Institute, Namakkal
	Dr.M.Geetha	Veterinary Students		
100	Dr.M.Geetha	"Updates on emergency and	from 11.11.2015 to	CAFT, Dept. of
		critical care in farm and pet	1.12.2015	Veterinary Clinical
		companion animals"		Medicine, Madras
101	Dr.S.Saravanan	Public health and hygiene	4.2.2016	Veterinary College Periyar arts college,
101	Di.S.Saravanan	Tublic licardi and flygiciic	4.2.2010	Cuddalore Cuddalore
102	P. Mekala	International symposium on	30.04.2015 and	Trans-Disciplinary
	R. Yogeswari	"Role of Veterinary Ayurveda	01.05.2015.	University (TDU),
		and Ethno-veterinary practices in		Bengaluru
		reducing use of antibiotics and		
		other chemical veterinary drugs		
		in dairy farming"		
103	P. Mekala	First National Conference	13.06.2015 and	MVC, Chennai
	R. Yogeswari	on "Tamilaal Iyalum	14.06.2015	
		vaelaanmaiyiyal/ kaalnadaiyiyal/		
104	M. J. Raja	meenvalayiyal"  International workshop on	27.07.2015 to	Veterinary College,
104	1v1. J. 1xaja	comprehensive toxicology	31.07.2015	Hebbal, Bengaluru
		temprenensive toxicology	31.07.2013	Trecour, Dengarara

105	M. J. Raja	21 days training programme on "Nanobiology and Regenerative Therapies in Animal Health and Production"	01.09.2015 to 21.09.2015	CAFT, Division of Physiology and Climatology, IVRI, Izatnagar
106	P. Mekala R. Yogeswari	7th Kerala Veterinary Science Congress	14.11.2015 and 15.11.2015	College of Veterinary and Animal Sciences, Pookode
107	A. Arivuchelvan, M. J. Raja and P. Mekala	Developing winning research proposals by NAARM	18.02.2016 to 21.02.2016	VC&RI, Namakkal
108	Dr.K.Sivakumar Professor and Head	XXXII Annual conference and national symposium on "Green and clean poultry production"	19.11.15 - 21.11.15	Kerala Veterinary and Animal Sciences University, hiruvazhamkunnu, Palakkad, Kerala
109	Dr. V. Ramesh Professor	National worshop on Food and Global Warming	31.07.15 - 01.08.15	College of Food and Dairy Technology, Koduvalli, Chennai
		International Clinical Case Conference on Farm and companian animal practice for Veterinary students	13.08.15 - 14.08.15	VC&RI, Namakkal
		International Livestcok Conference, INDIGENOUS and Expo XXIII Annual Convention of ISAPM	28.01.16 - 30.01.16	College of Veterinary Science, Hyderabad
110	Dr.K.Chinnamani Assistant Professor	International Livestcok Conference, INDIGENOUS and Expo XXIII Annual Convention of ISAPM	28.01.16 - 30.01.16	College of Veterinary Science, Hyderabad
111		NAARM Training on Developing winning research proposal	18.02.16 - 21.02.16	VC&RI, Namakkal
112	Dr. A. Natarajan, Professor and Head	Attended brainstorming workshop on Quality Protein Maize	20.5.2015 - 21.05.2015	ICAR, New Delhi
113	Dr. A. Natarajan, Professor and Head, AFAQAL	Presented a lecture on controlling strategies for M1 toxin in milk for Aavin stakeholders	01.07.2015.	Aavin, Salam
114	Dr. A. Natarajan, Professor and Head AFAQAL	Presented a lecture on weather and Poultry	16.10.2015	NIANP, Bangalore
115	Dr. A. Natarajan, Professor and Head and Nodal Officer of GKMS Scheme	Attended 9th Annual Review Meeting at University of Agricultural Sciences (UAS),	23.11.2015 - 25.11.2015	Dharward, Karnataka
116	Dr. K. Mani, Professor and Head	Annual Conference and Symposium of	19.11.2015 21.11.2015	College of Avian Sciences and
117	Dr. K. Rajendran, Assistant Professor	IPSACON 2015.		Management, Thiruvazhamkunnu, Palakkad, Kerala
118	Dr. T. Vasanthakumar, Assistant Professor			

119	Dr.P.Visha and		18 to 21.02.2016	Veterinary College
117	Dr.V.Thavasiappan		10 to 21.02.2010	and Research
	Di. v. i na vasiappan			Institute, Namakkal
120	Dr.P.Visha	7 <sup>th</sup> international clinical	13 <sup>th</sup> and 14 <sup>th</sup> August	Veterinary College
120	Assistant Professor	conference on farm and	2015	and Research
	11001044114 110140001	companion animal practice for	-010	Institute, Namakkal
		Veterinary students organized		
		by Directorate of Clinics,		
		TANUVAS		
121	Dr.K.Sivakumar	TANUVAS foundation day	19.09.2015	Kalaiarangam,
		exhibition	20.09.2015	Tiruchirapalli
122	Dr. D. Anandha Prakash	TANUVAS foundation day	19.09.2015	Kalaiarangam,
	Singh	exhibition	20.09.2015	Tiruchirapalli
123	Dr. S. Ramakrishnan	TANUVAS foundation day	19.09.2015	Kalaiarangam,
		exhibition	20.09.2015	Tiruchirapalli
124	Dr.K.R.Pushpanathan	TANUVAS foundation day	19.09.2015	Kalaiarangam,
		exhibition	20.09.2015	Tiruchirapalli
125	Dr.R.Sakthivadivu	First Tamil conference	13.06.2015	Madras Veterinary
			14.06.2015	College, Chennai
126	Dr.R.Sakthivadivu	TANUVAS foundation day	19.09.2015	Kalaiarangam,
		exhibition	20.09.2015	Tiruchirapalli
127	Dr.K.Sivakumar	Annual Conference of Indian	19.11.2015	Palakkad, Kerala
		Poultry Science Association	21.11.2015	
		(IPSACON 2015) and National		
		Symposium on green and clean		
		production		
128	Dr. D. Anandha Prakash	International Livestock	28.01.2016	Hyderabad
	Singh	Conference and Expo, 23 <sup>rd</sup>	31.01.2016	
		Annual convention of ISAPM		
		Conference		
129	Dr. S. Ramakrishnan	International Livestock	28.01.2016	Hyderabad
		Conference and Expo, 23 <sup>rd</sup>	31.01.2016	
		Annual convention of ISAPM		
120		Conference	******	
130	Dr.K.R.Pushpanathan	Winter school training	28.01.2016	Jhansi
		programme on" Integration	17.02.2016	
		of conventional and		
		biotechnological approaches for		
		improvement of dual purpose		
131	Dr.V.Kannan	crops and grasses Recent Strategies and	03.02.2016	VC&RI, Namakkal
131	Di. V.Kaiiiiali	developments in diversified	23.02.2016	v CXIXI, INAIIIAKKAI
		poultry for improvement of rural	23.02.2010	
		economy of small and marginal		
		farmers		
132	P.Vasantha Kumar	ICAR sponsored short school	07.09.2015 to	Central Institute
132		on "Fermentation technology	16.09.2015	for Research on
		for value-addition to cotton by-	- 5.07.2010	Cotton Technology,
		products and biomass"		Mumbai
133	C.Kathirvelan,	State level technical symposium	06-04-2015	Bannari Institute of
	Assistant Professor	on "Recent Advancement in		Technology
		Biotechnology"		Sathyamangalam
134	C.Kathirvelan,	Winter school on "Livestock	01.10.2015 to	National Institute
134	Assistant Professor	and climate Change: Challenges	21.10.2015	of Animal Nutrition
	2 10010mint 1 10100001	and ways ahead for sustainable	21.10.2013	and Physiology,
		production"		Bengaluru
	1	Promotion		2011801010

135	Dr.N.Muthusamy Assistant Professor	CAFT training on "Micronutrients in Animal	03.02.2016 to to 23.03.2016	IVRI, Bareilly, UP
136	Dr.R.Ravi, Assistant Professor	Production"  Orientation training programme	03/08/15 to 13/08/15	VCRI Tirunelveli
137	Dr.K.Jayalakshmi Assistant Professor		13/00/13	
138	Dr.A.Sivakumar Assistant Professor			
139	Dr.P.Jayaganthan, Assistant Professor			
140	Dr.S.Raja, Assistant Professor			
141	Dr. V. Sasikala, Assistant Professor			
142	K.Kannan, Assistant Professor			
143	Dr.B.Dhivya, Assistant Professor			
144	M.Ranjith Kumar, Assistant Professor	Specialized procedures in Veterinary Anaesthesia and Surgery	10/09/ 2015 to 30/09/2015	GADVASU Ludhiana, Punjab
145	V.Ranganathan, Associate Professor and Head	ICAR Short course on "Recent advances in Pharmacological techniques"	07/09/2015 to 16/09/2015	IVRI, Izatnagar, UP
146	Dr.S.Jayachandran Associate Professor	Training course on "Bull Fertility Assessment and Quality Semen Production for Improving Fertility in Farm Animals"	14/09/2015 to 23/09/2015	NIANP, Bangalore
147	Dr. R Suresh, Assistant Professor	Nutritional Interventions for sustainable Livestock Production under Impending Climate Change Scenario	17/09/2015 to 07/10/2015	IVRI, Izatnagar, Uttar Pradesh
148	Dr. K.Ayyappan, Assistant Professor	Livestock and Climate change: challenges and ways ahead for sustainable production	01/10/2015 to 21/10/2015	NIANP, Adugodi, Bengaluru
149	Dr. V. Jeichitra Associate Professor and Head	NAARM Training on "Innovative approaches to Technology Enhanced Learning"	28/10/2015 to 06/11/2015	NAARM, Hyderabad
150	Dr.V.Prabaharan, Assistant Professor	CAFT winter school on Updates in Veterinary Emergency and	11/11/2015 to 01/12/2015	CAFT in VCM & EJ, MVC Chennai.
151	Dr. M.Saravanan, Assistant Professor	Critical care Medicine in farm and pet animal practice		
152	Dr. P. Senthil Kumar, Assistant Professor	CAFT short course on 'Nanobiology and Regenerative	01/09/2015 to 21/09/2015	Division of Physiology and
153	Dr. S. Paramasivan Associate Professor	Therapies in Animal Health and Production'		Climatology IVRI, Izatnagar
154	Dr. M.Anna Anandh, Assistant Professor	"Modern Innovations for enhancing marketing and Export of Value added poultry products"	18/11/2015 to 08/12/2015	Advanced Faculty Training in Avian Sciences, VCRI, Namakkal
155	Dr. B. Puvarajan, Assistant Professor	ICAR – Winter school on Application of one health concepts for control of emerging zoonoses and health threats	26/11/2015 to 16/12/2015	Kerala Veterinary and Animal Sciences University

156	Dr.S.Sathesh Kumar Associate Professor	ICAR sponsored winter school on 'Advances in breeding	12/11/2015 to 02/12/2015	Madras Veterinary College, Chennai
157	Dr. T.C.Balamurugan, Assistant Professor	and Infertility management in canines	V-7 1 - V - V	
158	Dr.H.Pushkin Raj Assistant Professor			
159	Dr. S. Arunkumar, Associate Professor	CAFT training programme on 'Techniques in exact identification and parasitic disease diagnosis in domestic animals"	16/11/2015 to 06/12/2015	Veterinary College, Hebbal, Bengaluru
160	Dr. N. Babu Prasath, Assistant Professor	Recent Strategies and developments in diversified poultry production for augmenting rural economy of small and marginal farmers	03/02/2016 to 23/02/2016	VCRI, Namakkal TANUVAS
161	Dr. H. Pushkin Raj, Assistant Professor	NAARM Training on "Development of Winning	18/02/2016 to 21/02/2016	VCRI, Namakkal
162	Dr.M.Saravanan, Assistant Professor	Research proposals"		
163	Dr.V.Prabaharan, Assistant Professor			
164	Dr.D.Basheer Ahamad, Associate Professor			
165	Dr. R.Suresh, Assistant Professor			
166	Dr.M. Ananda Chitra Assistant Professor	CAFT Training programme on Development of Validated Diagnostic Assays and Accreditation on Diagnostic Laboratories	03/02/2016 to 23/02/2016	Hissar, Haryana
167	Dr. B. Balasundaram, Assistant Professor	Training on "Refresher course in life sciences"	03/03/2016 to 23/03/2016	Bharathidasan University Tiruchirappali
168	Dr.M.Ananda Chitra Assistant Professor	Bluetongue diagnosis and control	17/11/2015	MVC, Chennai
169	S.Sathesh Kumar Associate Professor Dr.D.Basheer Ahamad, Associate Professor	Workshop on EVM documentation	05/03/2016 to 06/03/2016	VUTRC, Thanjavur
170	Dr.M.Ananda Chitra, Assistant Professor	Role of Veterinary Ayurveda and Ethno-Veterinary practices in reducing use of antibiotic and other chemical veterinary drugs in dairy farming	30/04/2015 to 01/05/2015	Bengaluru
171	Dr. S. Sathesh Kumar, Associate Professor	International Conference on EVM	30/04/2015 to 01/05/2015	FRLHT, Bangalore
172	Dr.M.Ananda Chitra, Assistant Professor	National Conference on "Trends in Healthcare and Biotechnology: Opportunities & Challenges	15/09/2015 to 16/09/2015	Poondi, Thanjavur

173	Dr.M.Ananda Chitra,	First Agricultural Tamil National	13/06/2015 to	MVC, Chennai
1/3	Assistant Professor	Conference	14/06/2015	WIVC, Chemiai
174		Conterence	14/00/2013	
174	Dr.P.Ponnusamy, Assistant Professor			
177				
175	S. Sathesh Kumar,			
156	Assistant Professor			
176	Dr. T.C. Balamurugan,			
	Assistant Professor			
177	Dr.Guru. D.V.			
	Pandiyan, Assistant			
	Professor			
178	Dr. V. Sasikala,			
	Assistant Professor			
179	Dr. B. Puvarajan,			
	Assistant Professor			
180	M. Saravanan, Assistant			
	Professor			
181	Dr. B. Puvarajan,	7 <sup>th</sup> Kerala Veterinary Science	14/11/2015 to	COVAS, Pookode,
	Assistant Professor	Congress	15/11/2015	Kerala
182	Dr. K. Sangilimadan,	32 <sup>nd</sup> Annual Conference	19/11/2015 to	College of Avian
	Associate Professor	of Indian Poultry Science	21/11/2015	Sciences and
		Association and National		Management,
		Symposium		Thiruvazhamkunnu,
		Symposium		Kerala
183	Dr.G. Rajarajan	ICMR sponsored National	04/02/2016-	Periyar Govt.Arts
103	Assistant Professor	conference on Public Health	05/02/2016	College, Cuddalore
	Assistant Foressor	and Hygiene	03/02/2010	Conege, Cuduatore
184	Dr.D.Basheer Ahamad	National conference on	22/01/2016 to	AVVVM Shri
104	Associate Professor	"Trends in Health care and	23/01/2016	Pushpam College,
	Associate 1101essoi	Biotechnology : opportunities	25/01/2010	Poondi, Thanjavur
		and Challenges,"		1 oonar, manjavar
185	Dr. N. Jeyathilakan,	XXV National Congress of	17/02/2016 to	Dept. of Veterinary
103	Professor and Head	Veterinary Parasitology and	19/02/2016 to	ParasitologyMVC,
	Troressor and fread	National Symposium on one	19/02/2010	Chennai
		health approach – plausible		Cilcillai
		solution for sustainable parasite		
107	Dn C Amm1	control		
186	Dr. S. Arunkumar,			
107	Associate Professor			
187	Dr. B. Dhivya, Assistant			
100	Professor		0.7 1: ~ "	00/04/004
188	M. Renuga Devi	Digital visibility of the Research	St.Joseph's College	30/01/2016
	Assistant Librarian	productivity Institution and	Arrupe Library	
		Individuals		
189		Accreditation and Quality	American College	02/04/2016
		Management in library services	Madurai	
		NAAC and NBA Paramaters		
190	D.Basheer Ahamad,	International symposium on	30/04/2015 to	Tran disciplinary,
170	Associate Professor	Role of Veterinary ayurveda and	01/05/2015	University,
	11550Clate 1101C5501	ethno-veterinary practices in	01/03/2013	Bangalore
		reducing use of antibiotics and		Dangaiore
		other chemical veterinary drugs		
		in dairy organized farming		
		in dairy organized failining		1

191	Dr. M. Sasikala, Assistant Professor	National Symposium on "Challenges and Advances in Disease Diagnosis of Livestock, Poultry and Fish: Redefining the role of Veterinary Pathologists"	03/12/2015 to 05/12/2015	NTR CVSc, Gannavaram
192	Dr.Guru. D.V. Pandiyan, Assistant Professor	24th Annual Conference of SAPI and National symposium on Physiological determinants of climate resilient and sustainable animal production.	20/01/2016 to 22/01/2016	CVSc., Assam Agricultural University, Guwhati, Assam
193	Dr.S.Jayachandran Associate Professor			
194	Dr.G.Rajarajan Assistant Professor	National Seminar on Chemical residues in Farm Produces-Strategies, Opportunities and Challenges	18/02/2016 to 19/02/2016	Gandhigram Rural Institute, Dindugal
195	M Ranjith Kumar, Assistant Professor	National Symposium on "Newer approaches in Diagnosis and Management of Animal diseases for sustainable Health and Production	17/02/2016 to 19/02/2016	GADVASU, Ludhiana, Punjab
196	S. Sathesh Kumar Associate Professor	Indo-Dutch-African exchange programme for reducing Antibiotics	26/09/2015 to 05/10/2015	Netherlands
		International Symposium on "Reducing antibiotics"	01/10/2015	Zwolle, Netherlands
197	Dr.B.Dhivya, Assistant Professor	Sakura Science Plan Programme 2015 on "Diagnosis of infectious diseases"	29/11/2015 to 08.12.2015	Azabu University, Tokyo, Japan
198	Dr.C.Suresh Assistant professor	One day state level seminar on "Digital teaching for Teachers	01.04.2015	Sri Sarada College of Education for Woman, Tirunelveli -11
199	Dr.C.Suresh Assistant professor	National conference of Teachers Educations	25.04.2015	Kanniyakumari Academy for Arts and Sciences & S.T Hindu college of Education
200	Dr.N.Arulnathan Assistant professor Dr.D.Thirumeignanam Assistant professor Dr.C.Suresh Assistant professor	First Agricultural Science Tamil National Conference	Two days – 13.06.2015 & 14.06.2015	Madras Veterinary College, Chennai
201	Dr.M.Chellapandian Professor and Head	Training on "e -procurement" by National Informatics Centre, Chennai	Two days – 04.08.2015 & 05.08.2015	Madras Veterinary College, Chennai.
202	Dr.D.Thirumeignanam	25 <sup>th</sup> Research Council meeting	04.03.2016	MVC, Chennai
203	Dr. T. Ravimurugan Assistant Professor	நாடளாபூய முத $\square$ வெளாதீ அ $\square$ பூய $\square$ த $\square$ $\square$ கருசிதரதிக மாநாடு	13.06.2015 to 14.06.2015	Madras Veterinary College, Chennai
204	Dr. M. Seevagan Assistant Professor	Orientation training Programme for the newly recruited Assistant Professors of TANUVAS	03.08.2015 to 13.08.2015	VC & RI, Tirunelveli
205	Dr.T.Ravimurugan Assistant Professor	ICAR Sponsored Winter School on "Advances in Breeding and Infertility"	12.11.2015 to 02.12.2015	Madras Veterinary College, Chennai

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206	A. Meenakshi sundaram Associate Professor	வேளாண் அறிவியல் தமிழ் இயக்கம் - புது தில்லி நுடத்திய வேளாண் அறிவியல் குறித்த முதல் நாடளாவிய கருத்தரங்கம்,	ஜுன் 14 ரூ 15, 2015	சென்னை
207	A. Meenakshisundaram Associate Professor Dr. T. Anna Professor and Head	XXV National Congress of Veterinary Parasitology and National Symposium on One Health Approach - Plausible solutions for sustainable control of parasites	17 - 19th February 2016	Madras Veterinary College, Chennai
208	A. Meenakshisundaram Associate Professor	Workshop on "Documentation of Ethno- veterinary Practices"	5 - 6th March 2016	Ethno-veterinary Herbal Training and Research Centre, VUTRC, Thanjavur
209	Dr. S. Vasantha Kumar Assistant Professor	Winter school on "Livestock and Climate Change: Challenges and ways ahead for sustainable production	From 01/10/1015 to 21/10/2015 (21 days)	ICAR - National Institute of Animal Nutrition and Physiology, Adugodi, Bangaluru
210	Dr. M. Murugan Professor and Head	National Seminar on Food: Safety and Health environment	conducted on 25 <sup>th</sup> -26 <sup>th</sup> February 2016	Madras Veterinary College, Chennai.
211	Dr. S. Vasantha Kumar Assistant Professor	National Seminar on Animal Welfare & Ethics was held at Department of biotechnology, School of biotechnology and Health sciences	from 11/12/15 to 12/12/15	Karunya University, Coimbatore
212	Dr. S. Vasantha Kumar Assistant Professor	National seminar cum workshop on wildlife management	24/02/2016	Sarah Tuckar college, Tirunelveli.
213	S. Rajathi	National symposium on Recent Advances in Veterinary anatomy and their applications in the field of Animal Health Production and biotechnology	16/12/2015- 18/12/2015	Kolkata, College of Veterinary Sciences
214	S. Rajathi	Tamil can do Agricultural scienes	13/06/2015- 14/06/2015	Madras Veterinary College
215	Dr.Senthilkumar Assistant Professor	Thani thamizhil kaalnadai Ariviyal at (First Agri. Science Tamil national conference)	13 & 14.6.2015	Madras Veterinary College, Chennai
216	M.Vinothini S.Karthikeyan Assistant Professor	Thani thamizhil kaalnadai Ariviyal at (First Agri. Science Tamil national conference)	13 & 14.6.2015	Madras Veterinary College, Chennai
217	Dr.S.Karthikeyan Assistant Professor	Thani thamizhil kaalnadai Ariviyal at (First Agri. Science Tamil national conference)	13 & 14.6.2015	Madras Veterinary College, Chennai
218	Dr.S.Senthilkumar Assistant Professor	Innovative approaches to technology enhanced learning (Under TELAgE Project)	28.10.2015 - 06.11.2015	NAARM, Hyderabad
219	Dr.S.Karthikeyan Assistant Professor VAE, VC & RI, Tirunelveli	Training on "Recent Stratigies and developments in diversified poultry for improvement of rural economy of small and marginal farmers"	03.02.2016 – 23.02.2016 (21 days)	Centre for Advanced Faculty Training in Avian Studies, VC & RI, Namakkal
220	S.Parthiban S. Malmarugan, Associate Professor J.Johnson Rajeswar Professor and Head	First Agricultural Science Tamil National conference	13-06-15 to 14-06-15	Madras Veterinary College, Chennai

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221	Dr.J.Johnson Rajeswar	Training programme on	15-06-15 to	MANAGE-
	Professor and Head	Work Ethics Development	20-06-15	Hyderabad
		Professionals		
222	Dr.S. Parthiban	DBT sponsored International	28/09/2015 to	Manonmaniam
	Assistant professor	conference on Reasserting	29/09/2015	Sundaranar
		microbial biotechnology to		University,
		deflate global disease burden		Tirunelveli
223	Dr.M.S.Murugan	Development of Validated	03.02.16 to 23.02.16	LUVAS, Hisar,
	Assistant professor	Diagnostic Assay and		Haryana
		Accreditation of Diagnostic		
		Laboratories		
224	Dr.S.Malmarugan	National seminar cum workshop	24.02.16	Sarah Tucker
	Associate Professor	on Wild life management		College,
				Tirunelveli
225	Dr.M.S.Murugan	Snake Rescue training	29.02.16 to 01.03.16	Kalakadu –
223	Assistant professor	Shake Resear training	27.02.10 to 01.03.10	Mundathurai Tiger
	7 issistant professor			Reserve
226	Dr.S.Malmarugan	Disaster management and	23/03/16 to 24/03/16	Annamali
220	Associate Professor	sustainable rural livelihood: A	23/03/10 to 24/03/10	University,
	Associate Floressor	global Scenario and Plan for		Tamilnadu
				Taiiiiiauu
227	Dr. P.S.L. Sesh	future prosperity	from -13/06/15 to	MVC Channai
221	Dr. P.S.L. Sesn	First Agricultural Science Tamil		MVC, Chennai
220	N. C. 1. 17. 1.	National Conference	14/06/15	3.6.1. 37.4.
228	M. Sundara Vinayaki	First Scientific Tamil	2 days,	Madras Veterinary
	S. Eswari	Conference	13-06-2015&	College
	K. Ramesh		14-06-2015	
229		Orientation Training Programme	from -03/08/15 to	VC&RI, Tirunelveli
		for Newly Recruited Assistant	13/08/15	
		Professors		
230	Dr. T. Lakshmi Prasanth	TANUVAS – Foundation day	19/09/2015 &	Trichy
		celebration	20/09/2015	
231	Dr.M. Sundaravinayaki	International Symposium on	30 <sup>th</sup> January 2016	PSR COLLEGE OF
		Inclusive Education: A Human		EDUCAITON
		Rights Approach		
232	Dr.M. Sundaravinayaki	5 <sup>th</sup> Annual International	22 <sup>nd</sup> & 23 <sup>rd</sup> January	CENTRE, ANNA
		Convention of Association of	2016	UNIVERSITY, BIT
		Pharmacy Professionals		CAMPUS, TRICHY
233	Dr.V.Ramakrishnan	International symposium on	30-04-2015 to	Trandisciplinary
		"Role of Veterinary Ayurveda	01-05-2015	university-
		and Ethno-veterinary practices		bangaluru
		in reducing use of antibiotic and		30-04-2015 to 01-
		other chemical Veterinary drugs		05-2015
		in dairy farming"		
234	V.Suresh Kumar	First Agricultural Science Tamil	13.06.2015 and	Madras Veterinary
234		National Conference (Theme:	14.06.2015	College, Chennai,
	V.Ramakrishnan	Tamil Can Do -Agriculture/	11.00.2013	13.06.2015 and
		Veterinary/Fishery)		14.06.2015 and 14.06.2015
235	Dr.A.Jagadeeswaran	International Workshop on	from 27 <sup>th</sup> to 31 <sup>st</sup> July	Veterinary College,
233	DI.A.Jagaueeswaran	Comprehensive Toxicology	2015	Hebbal, Bangalore,
236	Dr A Jagadasayyanan	33 <sup>rd</sup> Board of studies, Veterinary	06.08.2015	Madras Veterinary
230	Dr.A.Jagadeeswaran		00.08.2013	1
227	D. V. C 1 17	and Animal Sciences Faculty.	06.00.2015	College, Chennai.
237	Dr. V. Suresh Kumar	33 <sup>rd</sup> Board of studies, Veterinary	06.08.2015	Madras Veterinary
	D G II''	and Animal Sciences Faculty.	0600000	College, Chennai.
238	Dr. C. Vijayakumar	33 <sup>rd</sup> Board of studies, Veterinary	06.08.2015	Madras Veterinary
		and Animal Sciences Faculty.		College, Chennai.

220	D V C 1 V	C1 (CD)	C 07th 1 1 (th	D
239	Dr. V. Suresh Kumar	Short course on "Recent	from 07 <sup>th</sup> to 16 <sup>th</sup>	Division of
		Advances in Pharmacological Techniques"	September, 2015	Pharmacology and Toxicology, IVRI,
		rechniques		Izatnagar, UP
240	Dr. N. Pazhanivel	First National Conference	June 13-14 <sup>th</sup> 2015	Madras Veterinary
240	Professor and Head	on Thamizhal Iyalum:	Julie 13-14" 2013	College
	Frotessor and fread	Velanmaiyial/Kaalnadaiyial/		College
		meenvalayial		
241	Dr. N. Pazhanivel	Workshop on Wildlife	24.02.2016	Sarah Tucker
271	Professor and Head	Management	24.02.2010	College, Tirunelveli
	1 Totessor and Tread	Withingement		- 627 007
242	Dr. N. Pazhanivel	Workshop on Documentation for	05.03.2016 &	VUTRC, Thanjavur,
2.2	Professor and Head	Ethnoveterinary practices	06.03.2016	, o i i co, i i anjavar,
243	Dr.R.Thangathurai	XXV National Congress of	17 <sup>th</sup> - 19 <sup>th</sup> feb 2016	Dept. Of Vet.
2.5	Di.it. I nungumum	Veterinary Parasitology and	17 19 160 2010	Parasitology, MVC,
		National symposium on "One		Chennai – 7
		Health Approach- Plausible		
		Solution for Sustainable Parasite		
		Control"		
244	Dr.V.Kumar	Veterinary Clinical Skill	03.02.2016 to	Centre for Advanced
		development with Clinical	23.20.2016	Faculty Training in
		Anatomy, Physiology and		Veterinary Clinical
		Biochemical Basis		Medicine, MVC,
				Chennai -7
245	Dr.K.Gopal	Workshop on Wildlife	24.02.2016	Sarah Tucker
		Management		College, Tirunelveli
246	ma c 1		02.00.2015	- 627 007
246	T.Mohanapriya	Orientation training programme	03.08.2015 to	VAE, VCRI, TNI
	S. Rajagunalan	for newly recruited assistant	13.08.2015	
247	Dr. V. Vana aanaia danai	professor	27.10.2015	Sri Ramachandra
247	Dr. K. Kanagarajadurai	International workshop on Pharmacovigillance	27.10.2013	University, Porur,
		Filatiliacoviginalice		Chennai on
				27.10.2015
248	Dr. S. Sureshkannan	Workshop on Blue tongue	07.11.2015	MVC, TANUVAS,
2.0	Di. S. Saresinaman	diagnosis and control" under	07.11.2015	Chennai
		ASCAD programme		On 07.11.2015
249	Dr. K. Sukumar	7 <sup>th</sup> Technical Advisory	At 10 A.M on	Masillamony Hall,
-		Committee (TAC) Meeting	21.01.2015 at	VC & RI, Namakkal
			Masillamony Hall,	,
			VC & RI, Namakkal	
250	Dr. K. Kanagarajadurai	Molecular Modelling for	03.03.2015	Guest lecture
		Biochemical Processes		delivered in a
				workshop on
				Application of
				Computational
				Chemistry and
				Biology"? held by
				Madurai Kamaraj
251	D A E-11	Orientation Tarining C 4	02.00.154	University, Madurai
251	P.A.Enbavelan K.Mohanambal	Orientation Training for the	03-08-15 to	VC& RI, TNI
	R.Monanambal P.K.Ramkumar	newly recruited Assistant Professors	13-08-15	
252			17.02.2017.4-	I/ anala
252	Dr.R.Ramprabhu	ISVM conference	17.02.2016 to 19.02.2016	Kerela
253	Dr.U.Lakshmikantan	Orientation Training for the	03-08-15 to	VC& RI, TNI
233	DI.U.Laksiiiiikailtaii	newly recruited Assistant	13-08-15	VCX XI, IIVI
		Professors	15-00-15	
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254	Dr.A.Ganesan	Orientation Training for the newly recruited Assistant Professors	03-08-15 to 13-08-15	VC& RI, TNI
255	Dr.M.Murugan	Orientation Training for the newly recruited Assistant Professors	03-08-15 to 13-08-15	VC& RI, TNI
256	P.Anuradha Assistant Professor	Orientation training programme for the newly recruited Assistant Professors of TANUVAS	03.08.2015 to 13.08.2015 (10 days)	VC&RI, Tirunelveli
257	Dr.K.Nalini Assistant Professor	Winter school on "Biological approaches on carbon sequestration & to mitigate climate change"	02.09.2015 to 22.09.2015 (21 days)	Indian Institute of soil science, Bhopal(MP)
258	Dr. S. Kathirvel	Hands on training programme on "Thelorectoscopy for management of teat obstruction in cattle"	09-12-15 to 11-12-15	RIVER, Pondichery
259	Dr.A.R.Ninu	Orientation training programme for the 30 newly recruited Assistant professors of TANUVAS at VC & RI, Tirunelveli	03.08.15 to 13.08.15	TANUVAS at VC & RI, Tirunelveli
260	Dr.D.Vishnugurubaran	Wild life snake rescue training	29-02-2016 To 01-03-2016	Kalakad Mundanthurai Tiger Reserve, Ambasamudram
261	Dr.A.Poorani	National seminar on "Food Safety, Health and Environment"	25.02.2016, 26.02.2016	Madras Veterinary College
262	Dr.G.Kumaresan	Board of management meeting	12.2.2016	AAVIN, Virudhunagar
263	Tmt.S.K.Mathanghi	ICAR Summer School onPost harvest Processing and value addition of millets for the development of functional foods to combat lifestyle disorders	01.07.2015 to 21.07.2015	TNAU, Coimbatore
264	Dr.A.Karthiayani	Training on Developing, winning research proposals organized by NAARM	10.08.2015 to 13.08.2015	MVC, Chennai - 7
265		National Conference on Research Strategies, Technologies and Upcoming challenges in Food science and Biotechnology for healthier life	25.09.2015	Kongu Engineering college, Perundurai, Erode - 52
266	Er.G.Sujatha	Training on Developing, winning research proposals organized by NAARM	10.08.2015 to 13.08.2015	MVC, Chennai - 7

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267		National Conference on Research Strategies, Technologies and Upcoming challenges in Food science and Biotechnology for healthier life	25.09.2015	Kongu Engineering college, Perundurai, Erode - 52
		First Agricultural Science tamil National conference	13.06.2015 to 14.06.2015	MVC, Chennai -7
		Shimadzu Food safety seminar series 2015-2016 in collaboration with export inspection council of india	2.06.2015	Hotel Ramada, Chennai
		Expert committee member	05.08.2015	Department of Food Chemistry, Loyola College, Chennai - 34
268	D.Ramasamy,Ph.D. D.Baskaran,Ph.D., T.R.Pugazhenthi, V.Perasiriyan, K.S.Gnanalaksshmi K.Sudha, A.Karthiayani, M.AbdulReiyaz P.Selvan, G.Sujatha G.Velayudham, S.K.Mathanghi R.MarxNirmal B.Karthikeyan Koduvalli	National Workshop on "Food and Global Warming"	31.07.2015- 01.08.2015	MVC, Chennai – 7
269	Dr. P. Shamsudeen Professsor	Clean and green Poultry Production	19.11.2015 21.11.2015	College of Avian Science and Management
270	G.RAJ MANOHAR Assistant Professor	IPSACON-2015	19.11.2015 21.11.2015	CASM, Thiruvazhamkunnu, palakad, Kerala
271	Dr. C. Senthamil Pandian Assistant Professor	Two days training on Sensitization programme on Digital Signature	04.08.15- 05.08.15	Department of Animal Husbandry Statistics and Computer Applications, Madras Veterinary College, Chennai
272	Dr. C. Senthamil Pandian Assistant Professor	Short course on "Micronutrients in Animal Nutrition"	03.02.2016 23.02.2016	CAFT in Animal Nutrition, CAR-IVRI, Izatnagar, U.P. Indian Council of Agriculture, New Delhi
273	Dr. P. Thirunavukkarasu Assistant Professor	Recent strategies and developments in diversified poultry production for augmenting rural economy of small and marginal farmers	03.02.2016 23.02.2016	Department of Poultry science, VC&RI, Namakkal

274   A. Sundaresan   First of chocolate waste in growth performance of Nandanam Turkey reared in mud floor systems   19.11.2015   Science Association and National Symposium 2015   Thiruva-hamkunu , Kerala Page no. 147	27.4		T.C	10 11 2017	3/3/3/11 4 1
T.Devi   Rachel Jemimah   Pothiappam   Assistant Professor   S.P.brivalavan Assoc.   Professor   P. Tensingh Gnanara   Professor and Head and M. Babu   Ditturumanlingam,   T.Devi, M. Siddharth and M. Babu   Designing a new "Auto – cradle incubator for poultry" and its impact on pastures larval   Parasitology and National   Symposium on one health approach – Plausible solution for sustainable   Parasitology and National   Symposium on one health approach – Plausible solution for sustainable   Parasitology and National   Symposium on one health approach – Plausible solution for sustainable   Parasitology and National   Symposium on one health approach – Plausible solution for sustainable   Parasitology and National   Symposium on one health approach – Plausible solution for sustainable   Parasitology and National   Symposium on one health approach – Plausible solution for sustainable   Parasitology and National   Symposium on one health approach – Plausible solution for sustainable   Parasitology and National   Symposium on one health approach – Plausible solution for sustainable   Parasitology and National   Symposium on one health approach – Plausible solution for sustainable   Parasitology and National   Symposium on one health approach – Plausible solution for sustainable   Parasitology and National   Symposium on one health approach – Plausible solution for sustainable   Parasitology and National   Symposium on one health approach – Plausible solution for sustainable   Parasitology and National   Symposium on one health approach – Plausible solution for sustainable   Parasitology and National   Symposium on one health approach – Plausible solution for sustainable   Parasitology and National   Symposium on one health approach – Plausible solution for sustainable   Parasitology and National   Symposium one health approach – Plausible solution for sustainable   Parasitology and National   Symposium one health approach – Plausible solution for sustainable   Parasitology and National   Poutry Science   Associat	2/4				
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Assistant Professors S. Ezhilvalavan Assoc. Professor P. Tensingh Gnanara Professor and Head and M. Babu  275 T. Muthuramalingam, T.Devi, and P. Fensingh Gnanaraj, C. Pandian, and D. Reena D. Reena T. Muthuramalingam, T. Tuthuramaningam, T. Muthuramalingam, T. Muthuramalingam, T. Muthuramalingam, T. Muthuramalingam, T. Muthuramalingam, T. Devi, M. Siddharta and M. Babu  278 T. Devi, P. Tensingh Gnanaraj, T. Muthuramalingam, T. Devi, M. Siddharta and M. Babu  279 T. Devi, P. Tensingh Gnanaraj, T. Muthuramalingam, T. Devi, M. Siddharta and M. Babu  279 T. Devi, S. T. Bino Sundar, Bhaskaran Ravi Latha, T. Muthuramanilingam, P. Tensingh Gnanaraj A. Serma Saravanan Pandian  279 T. Devi, S. T. Bino Sundar, Bhaskaran Ravi Latha, T. Tuthuramanilingam, P. Tensingh Gnanaraj A. T. Tuthuramanilingam, T. Tuthuramani			,		
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P. Tensingh Ginanara Professor and Head and M. Babu   Utilization of hydroponic T.Devi, and P. Tensingh Ginanaraj,   Green fodder as replacement for concentrate in the ration of desi chicken - Accepted for oral presentation   Green fodder as replacement for concentrate in the ration of desi chicken - Accepted for oral presentation   Transmission electron microscopy (tem) imaging of emu spermatozoa diluted in Modified Beltsville poultry semen extender   Designing a new "Auto – cradle incubator for poultry' and its hatchability performance   T. Muthuramanlingam, T. Devi, M. Siddharth and M. Babu   Designing a new "Auto – cradle incubator for poultry' and its hatchability performance   T. Devi, P. Tensingh Ginanaraj, T. Muthuramalingam, M. Babu, T. Harifrishnan, S. T. Bino Sundar, and A. Serma Saravanan Pandian   A. Serma Saravanan Pandian   Ravi Latha, T. Muthuramanlingam, P. Tensingh Ginanaraj and T. J. Hari Krishnan   Ravi Latha, T. Muthuramanlingam, P. Tensingh Ginanaraj and T. J. Hari Krishnan   Poster presentation   Rotational grazing of sheep and its impact on pastures larval burden (PLB) – Accepted for Dester presentation   Symposium on one health approach - Plausible solution for sustainable parasite control MVC   Veterinary Parasitology and National Symposium on one health approach - Plausible solution for sustainable parasite control MVC   Veterinary Parasitology and National Symposium on one health approach - Plausible solution for sustainable parasite control MVC   Veterinary Parasitology and National Symposium on one health approach - Plausible solution for sustainable parasite control MVC   Veterinary Parasitology and National Symposium on one health approach - Plausible solution for sustainable parasite control MVC   Veterinary Parasitology and National Symposium on one health approach - Plausible solution for sustainable parasite control MVC   Veterinary Parasitology and National Symposium on one health approach - Plausible solution for sustainable parasite control MVC   Veterinary Parasitology					
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T.Muthuramalingam, T.Devi, and P.Tensingh Gnanaraj, G.Pandian, and D. Reena   Transmission electron microscopy (tem) imaging of emu spermatozoa diluted in Modified Beltsville poultry seme extender		Professor and Head and			
T.Devi, and P.Tensingh Gnanaraj,  276 A. Sundaresan, P. Tensingh Gnanaraj, C. Pandian, and D. Reena  277 A. Sundaresan, P. Tensingh Gnanaraj, T. Muthuramanlingam, T. Devi, M. Siddharth and M. Babu  278 T. Devi, P.Tensingh Gnanaraj, T. Muthuramalingam, T. Muthuramalingam, T. Muthuramalingam, T. J. J. Hari Krishnan  279 T. Devi, S.T. Bino Sundar, Baskaran Ravi Latha, T. Muthuramanlingam, P. Tensingh Gnanaraj, and T.J. Hari Krishnan  279 T. Devi, S.T. Bino Sundar, Baskaran Ravi Latha, T. Muthuramanlingam, P. Tensingh Gnanaraj, and T.J. Hari Krishnan  270 T. Devi, S.T. Bino Sundar, Baskaran Ravi Latha, T. Muthuramanlingam, P. Tensingh Gnanaraj, and T.J. Hari Krishnan  270 T. Devi, S.T. Bino Sundar, Baskaran Ravi Latha, T. Muthuramanlingam, P. Tensingh Gnanaraj, and T.J. Hari Krishnan  270 T. Devi, S.T. Bino Sundar, Baskaran Ravi Latha, T. Muthuramanlingam, P. Tensingh Gnanaraj, and T.J. Hari Krishnan  270 T. Devi, S.T. Bino Sundar, Baskaran Ravi Latha, T. Muthuramanlingam, P. Tensingh Gnanaraj, and T.J. Hari Krishnan  270 T. Devi, S.T. Bino Sundar, Baskaran Ravi Latha, T. Muthuramanlingam, P. Tensingh Gnanaraj, and T.J. Hari Krishnan  270 T. Devi, S.T. Bino Sundar, Baskaran Ravi Latha, T. Muthuramanlingam, P. Tensingh Gnanaraj, and T.J. Hari Krishnan  270 T. Devi, S.T. Bino Sundar, Baskaran Ravi Latha, T. Muthuramanlingam, P. Tensingh Gnanaraj, and T.J. Hari Krishnan  270 T. Devi, S.T. Bino Sundar, Baskaran Ravi Latha, T. Muthuramanlingam, P. Tensingh Gnanaraj, A. Sundaresan T. Muthuramanlingam, T. Devih and M. Babu  280 P. Tensingh Gnanaraj, A. Sundaresan T. Muthuramanlingam, T. Devih and M. Babu  281 Dr. S. Ezhil Valavan  281 Dr. S. Ezhil Valavan  282 P. Tensingh Gnanaraj, A. Sundaresan T. Muthuramanlingam, T. Devih and M. Babu  283 Dr. S. Ezhil Valavan  284 Dr. S. Ezhil Valavan  285 P. Tensingh Gnanaraj, A. Sundaresan T. Muthuramanlingam, T. Devih and M. Babu  285 P. Tensingh Gnanaraj, A. Sundaresan T. Muthuramanlingam, T. Devih and M. Babu  286 P. Tensingh Gnanaraj, A. Sundaresan T. Muthuramanlingam, T. Devih a		M. Babu			
Gnanaraj, for concentrate in the ration of desi chicken - Accepted for oral presentation  276	275	T.Muthuramalingam,	Utilization of hydroponic		
desi chicken - Accepted for oral presentation  Transmission electron microscopy (tem) imaging of emu spermatozoa diluted in Modified Beltsville poultry seme extender  P. Tensingh Gnanaraj, T. Muthuramanlingam, T. Devi, M. Siddharth and M. Babu  T. Devi, M. Siddharth and M. Babu  T. Devi, P. Tensingh Gnanaraj, Gnanaraj, T. Muthuramalingam, T. J. Harikrishnan, S. T. Bino Sundar, and A. Serma Saravanan Pandian  T. Devi, S. T. Bino Sundar, and A. Serma Saravanan Pandian  T. Devi, Latha, T. Muthuramanlingam, P. Tensingh Gnanaraj and T. J. Hari Krishnan  Ravi Latha, T. Muthuramanlingam, P. Tensingh Gnanaraj and T. J. Hari Krishnan  Ravi Latha, T. Muthuramanlingam, P. Tensingh Gnanaraj and T. J. Hari Krishnan  Effect of chocolate waste in growth performance of Nandanam Turkey reared in mud floor systems  T. Devih and M. Babu  T. Devih and M. Babu  Transmission electron microscopy (tem) imaging of microscopy (tem) imagin		T.Devi, and P.Tensingh	green fodder as replacement		
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276   A. Sundaresan, P. Tensingh Gnanaraj, C. Pandian, and D. Reena   Designing a new "Auto – cradle incubator for poultry' seme extender   19.11.2015 - 21.11.2015   21.11.			-		
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T.Devi, S.T.Bino   Sundar, Bhaskaran   Ravi Latha, T.Muthuramanlingam, P.Tensingh Gnanaraj and T.J. Hari Krishnan   Effect of chocolate waste   in growth performance of T.Muthuramanlingam, T.Devih and M.Babu   Dr. S. Ezhil Valavan   First Agricultural Science Tamil   16.12.2015   XXV National   XXV National   congress of Veterinary   Parasitology   and National   Symposium on one   health approach   Plausible solution   for sustainable   parasite control   MVC					
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281 Dr. S. Ezhil Valavan First Agricultural Science Tamil 13.06.2015- MVC, Chennai					National Symposium
					2015 Kerala
	281	Dr. S. Ezhil Valavan	First Agricultural Science Tamil	13.06.2015-	MVC, Chennai
			National Conference	14.06.2015	

202	D 0 D 1 1 1 1 1 1	37 1 1 1 100 1 1	20.07.2015	Date of :
282	Dr. S. Ezhil Valavan	National workshop on "Food and global warming"	30.07.2015- 31.07.2015	MVC, Chennai
283	Dr. S. Ezhil Valavan	Advanced faculty training	18.11.2015-	CAFT in Avian
		programme (21 days) on	08.12.2015	Sciences,
		"Modern innovations for		Department of
		enhancing marketing and export		Poultry Science,
		of value added poultry products"		VCRI, Namakkal
284	Dr. K. Premavalli	-do-	-do-	-do-
285	Dr. S. Ezhil Valavan	XV AZRA International	11.02.2016-	Ethiraj College for
203	Di. S. Eziii vaiavaii	Conference on Recent	13.02.2016	Women
		Advances in Applied Zoological	15.02.2010	Wollien
		Researches		
286	Dr.S.T.Selvan	Participated 30th Annual	19.11.2015 to	kerala
200	Professor	conference of IPSACON	21.11.2015	Kerara
287	Dr.S.T.Selvan	Science City Exhibition	26.02.2015 to	Anna University
287	Professor	Science City Exhibition	29.02.2016	Anna University
288	Dr.R. Venkataramanan,	ICAR short course on Cross	08.12.2015 to	NDRI, Karnal
200	Assistant Professor	Breed Male Infertility and	17.12.2015	NDKI, Kaillai
	Assistant Professor	Bovine Genomics	17.12.2013	
200	D C C 1		17.02.2016	MUCAI
289	Dr.C.Sreekumar,	XXV National Congress of	17.02.2016 to	MVC, Vepery
200	Professor	"Veterinary Parasitology"	19.02.2016	D'I D'I I
290	Dr.H.Gopi,	Annual Review Meeting	29.07.2015 to	Bikaner, Rajasthan
	Professor		30.07.016	
	Dr.C.Sreekumar,			
	Professor			
	Dr.R.Venkataramanan,			
	Assistant Professor			
291	Dr.P.Devendran	National Conference organized	13.06.2015 to	MVC,
		by Agricultural Scientific Tamil	14.06.2015	Chennai
		Society		
292	Dr. K. Suresh Kumar	Summer School "Livestock and	01.10.2015 to	NIANP (ICAR)
		Climate Change: Challenges	21.10.2015	Bangalore
		and ways ahead for sustainable		
		production"		
293	Dr. K. Suresh Kumar	Workshop on Bluetongue Vector	02.11.2015 to	VRCVV, CAHS,
		Identification	06.11.2015	Chennai
294	Dr. K. Suresh Kumar	Workshop on "Agro forestry	24.02.2016	IAN, CAPS,
		system for livestock integration"		Kattupakkam
				_
295	Dr. M. Muthulakshmi	National seminar on "food	25.02.2016 to	MVC, Chennai
	Assistant Professor	safety, health and environment"	26.02.2016	
296	Dr.C.Valli,	Tamil Scientific Conference	MVC, Chennai	13-14th, June, 2015
	Dr.R.Murugeswari,		,	, , , , , , , , , , , , , , , , , , , ,
	Dr.S.Gunasekaran and			
	Dr.V.S. Mynavathi			
297	Dr.C.Valli and	Annual Group Meeting of	SKUAST – K	25-27, July, 2015
	Dr.S.Gunasekaran	AICRP on Agroforestry		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
298	Dr.Pasupathi, Karu. and	NAARM - off campus training	MVC, Chennai	10.08.2015 to
2,0	Dr.S.Gunasekaran	on "Developing Winning	177 v e, enomiar	13.08.2015
	_ 1.0.0 #1140011411411	Research Proposals"		
299	Dr. V. S. Mynavathi	ICAR sponsored Summer School	Tamil Nadu	5.8.2015 to
	21. 1. 0. 111 114 44411	on "Multi-pronged Extension	Agricultural	25.8.2015
		Management Strategies for Dry	University (TNAU),	25.0.2015
		land Agricultural Development	Coimbatore	
		with Special reference to	Commoatore	
		promoting Climate Resilient		
		Agriculture"		

300	Dr. V.S.Mynavathi	Training on Ethno veterinary	VUTRC, Tanjore	19.11.2015 and
		medicine		20.11.2015
301	Dr.C.Valli and Dr. V.S.Mynavathi	Workshop on "Setting up priorities and functional modalities for implementing National Agroforestry policy (2014) guidelines	Forest College and Research Institute, Mettupalayam	10.12.2015 and 11.12.2015
302	Dr.Pasupathi, Karu	Short course on Gut Health Improvement	Division of Animal Nutrition, IVRI	05.03.2016 to 14.03.2016
303	Dr. A. Ruba Nanthini	"First Agricultural Science Tamil National Conference"	13.06.2015 to 14.06.2015	Madras Veterinary College
304	Dr. A. Ruba Nanthini	Micronutrients in Animal Nutrition	03.02.2016 to 23.02.2016	IVRI, Izat Nagar, Bareilly
305	Dr. M. Prabhu, Assistant Professor	Radio talk on activities of Sheep Breeding Research Station and Integrated Farming System	23.09.15	All India Radio, Udhagamandalam
306	Dr.M.Iyue Professor and Head	Population Genetics and its applications	8.10.2015	Emerald Heights College for Women, B.Sc. Zoology students.
307	Dr.M.Prabhu Assistant Professor	Participated and acted as resource person in the "Workshop on Bluetongue vector identification"	02.11.15 to 06.11.15.	Vaccine Research Centre – Viral vaccines, Chennai-51
308	Dr.M.Prabhu Assistant Professor	Participated and acted as resource person in the "Workshop on Bluetongue disease diagnosis and control"	17.11.15	Madras Veterinary College, Vepery.
309	Dr.M.Iyue Professor and Head	Trends in livestock production in Nilgiris District	16.01.16	All India Radio, Udhagamandalam
310	Dr. N. Prema Assistant Professor	Sheep management with special reference to breeding, housing and feeding management	19.01. 16	All India Radio, Udhagamandalam
311	Dr. M. Prabhu Assistant Professor	Diseases and their management in sheep and Deworming, Vaccination schedule for sheep	26.01.16	All India Radio, Udhagamandalam
312	Dr.R.Prabhakar Assistant Professor	Backyard poultry management	02.02.16	All India Radio, Udhagamandalam
313	A.Sundaresan T.Muthuramalingam, T.Devi E.Rachel Jemimah P.Pothiappan Assistant Professors S.Ezhilvalavan Assoc. Professor P. Tensingh Gnanara Professor and Head and M. Babu	Effect of chocolate waste in growth performance of Nandanam Turkey reared in mud floor systems	19.11.2015 21.11.2015	XXXII Annual conference of Indian Poultry Science Association and National Symposium 2015 Thiruvazhamkunnu, Kerala Page no. 147
314	T.Muthuramalingam, T.Devi, , and P.Tensingh Gnanaraj,	Utilization of hydroponic green fodder as replacement for concentrate in the ration of desi chicken - Accepted for oral presentation		

315	A. Sundaresan, P. Tensingh Gnanaraj, C.Pandian, and D. Reena	Transmission electron microscopy (tem) imaging of emu spermatozoa diluted in Modified Beltsville poultry semen extender		
316	A.Sundaresan, P.Tensingh Gnanaraj, T.Muthuramanlingam, T.Devi, M.Siddharth and M.Babu	Designing a new "Auto – cradle incubator for poultry" and its hatchability performance	19.11.2015 21.11.2015	XXXII Annual conference on Indian Poultry Science Association and National Symposium 2015 Kerala
317	T.Devi, P.Tensingh Gnanaraj, T.Muthuramalingam, M.Babu, T.J.Harikrishnan, S.T.Bino Sundar, and A.Serma Saravanan Pandian	A model rotational grazing pasture for shpee and its effect on control of Parasites – Accepted for oral presentation	16.12.2015 18.12.2015	XXV National congress of Veterinary Parasitology and National Symposium on one health approach – Plausible solution for sustainable parasite control MVC
318	T.Devi, S.T.Bino Sundar, Bhaskaran Ravi Latha, T.Muthuramanlingam, P.Tensingh Gnanaraj and T.J. Hari Krishnan	Rotational grazing of sheep and its impact on pastures larval burden (PLB) – Accepted for Poster presentation	16.12.2015 18.12.2015	XXV National congress of Veterinary Parasitology and National Symposium on one health approach – Plausible solution for sustainable parasite control MVC
319	P.Tensingh Gnanaraj, A.Sundaresan T.Muthuramanlingam, T.Devih and M.Babu	Effect of chocolate waste in growth performance of Nandanam Turkey reared in mud floor systems	19.11.2015 21.11.2015	XXXII Annual conference on Indian Poultry Science Association and National Symposium 2015 Kerala
320	Dr. S. Ezhil Valavan	First Agricultural Science Tamil National Conference	13.06.2015- 14.06.2015	MVC, Chennai
321	Dr. S. Ezhil Valavan	National workshop on "Food and global warming"	30.07.2015- 31.07.2015	MVC, Chennai
322	Dr. S. Ezhil Valavan	Advanced faculty training programme (21 days) on "Modern innovations for enhancing marketing and export of value added poultry products"	18.11.2015- 08.12.2015	CAFT in Avian Sciences, Department of Poultry Science, VCRI, Namakkal
323	Dr. K. Premavalli	-do-	-do-	-do-
324	Dr. S. Ezhil Valavan	XV AZRA International Conference on Recent Advances in Applied Zoological Researches	11.02.2016- 13.02.2016	Ethiraj College for Women
325	Dr.S.T.Selvan Professor	Participated 30th Annual conference of IPSACON	19.11.2015 to 21.11.2015	kerala

326	Dr.S.T.Selvan Professor	Science City Exhibition	26.02.2015 to 29.02.2016	Anna University
327	Dr.R.Venkataramanan, Assistant Professor	ICAR short course on Cross Breed Male Infertility and Bovine Genomics	08.12.2015 to 17.12.2015	NDRI, Karnal
328	Dr.C.Sreekumar, Professor	XXV National Congress of "Veterinary Parasitology"	17.02.2016 to 19.02.2016	MVC, Vepery
329	Dr.H.Gopi, Professor Dr.C.Sreekumar, Professor Dr.R.Venkataramanan, Assistant Professor	Annual Review Meeting	29.07.2015 to 30.07.016	Bikaner, Rajasthan
330	Dr.P.Devendran	National Conference organized by Agricultural Scientific Tamil Society	13.06.2015 to 14.06.2015	MVC, Chennai
331	Dr. K. Suresh Kumar	Summer School "Livestock and Climate Change: Challenges and ways ahead for sustainable production"	01.10.2015 to 21.10.2015	NIANP (ICAR) Bangalore
332	Dr. K. Suresh Kumar	Workshop on Bluetongue Vector Identification	02.11.2015 to 06.11.2015	VRCVV, CAHS, Chennai
333	Dr. K. Suresh Kumar	Workshop on "Agro forestry system for livestock integration"	24.02.2016	IAN, CAPS, Kattupakkam
334	Dr. M. Muthulakshmi Assistant Professor	National seminar on "food safety, health and environment"	25.02.2016 to 26.02.2016	MVC, Chennai
335	Dr.C.Valli, Dr.R.Murugeswari, Dr.S.Gunasekaran and Dr.V.S. Mynavathi	Tamil Scientific Conference	13-14th, June, 2015	MVC, Chennai
336	Dr.C.Valli and Dr.S.Gunasekaran	Annual Group Meeting of AICRP on Agroforestry	25-27, July, 2015	SKUAST – K
337	Dr.Pasupathi, Karu. and Dr.S.Gunasekaran	NAARM - off campus training on "Developing Winning Research Proposals"	10.08.2015 to 13.08.2015	MVC, Chennai
338	Dr. V. S. Mynavathi	ICAR sponsored Summer School on "Multi-pronged Extension Management Strategies for Dry land Agricultural Development with Special reference to promoting Climate Resilient Agriculture"	5.8.2015 to 25.8.2015	Tamil Nadu Agricultural University (TNAU), Coimbatore
339	Dr. V.S.Mynavathi	Training on Ethno veterinary medicine	19.11.2015 and 20.11.2015	VUTRC, Tanjore
340	Dr.C.Valli and Dr. V.S.Mynavathi	Workshop on "Setting up priorities and functional modalities for implementing National Agroforestry policy (2014) guidelines	10.12.2015 and 11.12.	2015 Forest College and Research Institute, Mettupalayam
341	Dr.Pasupathi, Karu	Short course on Gut Health Improvement	05.03.2016 to 14.03.2016	Division of Animal Nutrition, IVRI
342	Dr. A. Ruba Nanthini	"First Agricultural Science Tamil National Conference"	13.06.2015 to 14.06.2015	Madras Veterinary College
343	Dr. A. Ruba Nanthini	Micronutrients in Animal Nutrition	03.02.2016 to 23.02.2016	IVRI, Izat Nagar, Bareilly

244	D. M. D. I.L.	D - 4: - 4-11 4: -:4: CC1	22.00.15	A 11 T., 4' - D - 4' -
344	Dr. M. Prabhu,	Radio talk on activities of Sheep	23.09.15	All India Radio,
	Assistant Professor	Breeding Research Station and		Udhagamandalam
		Integrated Farming System		
345	Dr.M.Iyue	Population Genetics and its	8.10.2015	Emerald Heights
	Professor and Head	applications		College for Women,
				B.Sc. Zoology
				students.
346	Dr.M.Prabhu	Participated and acted	02.11.15 to 06.11.15.	Vaccine Research
	Assistant Professor	as resource person in the		Centre – Viral
		"Workshop on Bluetongue		vaccines,
		vector identification"		Chennai-51
347	Dr.M.Prabhu	Participated and acted	17.11.15	Madras Veterinary
	Assistant Professor	as resource person in the		College, Vepery.
		"Workshop on Bluetongue		
		disease diagnosis and control"		
348	Dr.M.Iyue	Trends in livestock production in	16.01.16	All India Radio,
5.10	Professor and Head	Nilgiris District	10.01.10	Udhagamandalam
349	Dr. N. Prema	Sheep management with special	19.01. 16	All India Radio,
シマク	Assistant Professor	reference to breeding, housing	17.01. 10	Udhagamandalam
	Assistant i foressor	and feeding management		Odnagamandalam
350	Dr. M. Prabhu	Diseases and their management	26.01.16	All India Radio,
330	Assistant Professor		20.01.10	
	Assistant Professor	in sheep and Deworming,		Udhagamandalam
251	D D D 11 1	Vaccination schedule for sheep	02.02.16	A 11 T 1' D 1'
351	Dr.R.Prabhakar	Backyard poultry management	02.02.16	All India Radio,
	Assistant Professor			Udhagamandalam
352	Dr.S.Saravanan,	XXXII Annual Conference	19.11.15	CASM,
	Associate Professor and	of Indian Poultry Science	to 21.11.15.	Thiruvazhamkunnu,
	Head	Association (IPSACON 2015)		Palakkad, Kerala.
		and National Symposium		
		on "Green and clean poultry		
		production"		
353	Dr. K. Manimaran	Workshop on Blue Tongue	17.11.15	Madras Veterinary
	Assistant Professor	Disease Diagnosis and Control		College
354	Dr. Parimal Roy	National symposium on	17.12.15	ICAR- National
	Professor and Head and	Immunomics and Proteo-	19.12.15	Research Centre on
	Dr. K. Manimaran	genomics in Livestock Health		Equines, Hisar
	Assistant Professor	and Productivity		
355	Dr. R. Mahaprabhu,	Winter School on "Analysis	17.11.15	Department of
	Assistant Professor	Throughput Sequencing and	7.12.15	Biotechnology,
		Microarray Data to Unravel		IVRI, Izatnagar
		Host-Pathogen Interaction"		
356	Dr. C. Theophilus	Refresher Course on "Nano	17.11.15	UGC, Human
	Anandh Kumar	Sciences"	7.12.15	Resource
	Assistant Professor			development Centre,
				University of
				Madras
357	Dr. Y. Krishnamohan	Workshop on impact of	03.09.2015	Hyderabad
331	Reddy,	"Climate change and emergence	03.09.2015	11 y dor dodd
	Professor and Head	of new diseases" organized by	03.07.2013	
	1 10105501 allu Meau	Indian Immunologicals Limited		
358	Dr. Y. Krishnamohan	One day Blue tongue disease	25.09.2015	Mecheri Sheep
	Reddy,	awareness programme	25.09.2015	Research Station,
	Professor and Head			Pottaneri, Salem
359	Dr. Y. Krishnamohan	12th International double	6.10.2015	Goa
	Reddy, Professor and	stranded RNA virus symposium	10.10.2015	
	Head	organized by Christian Medical		
		College, Vellore		
	1	Conege, venote	<u> </u>	1

360	Dr. K. Anbu Kumar, Assistant Professor	22nd Annual Convention of Indian Society for Veterinary Immunology and Biotechnology and National Symposium on "Immunomics and Proteogenomics in Livestock Health and Productivity"	17.12.2015 19.12.2015	ICAR-National Research Centre on Equines, Hisar, Haryana
361	Dr. Y. Krishnamohan Reddy, Professor and Head Dr. K. Brindha, Assistant Professor Dr. K. Anbu Kumar, Assistant Professor	ICAR funded Annual Scientists Meet of AINP on Bluetongue	02.11.2015 03.11.2015	TANUVAS, Chennai
362	Dr. Y. Krishnamohan Reddy, Professor and Head Dr. K. Brindha, Assistant Professor Dr. K. Anbu Kumar, Assistant Professor	ICAR funded National level Workshop on Bluetongue vector identification.	02.11.2015 06.11.2015	VRCVV, CAHS, Chennai
363	Dr. Y. Krishnamohan Reddy, Professor and Head	ICAR funded Annual Research Review meeting of VTCC Network project	18.11.2015	NAAS complex, New Delhi
364	Dr. K. Brindha, Assistant Professor	Workshop on 'Hands-on Flow cytometry'	28.02.2016 02.03.2016	TRPVB, CAHS Chennai-51
365	Dr. K. Anbu Kumar, Assistant Professor	Post doctoral fellowship at the Department of Agricultural, Food and Nutritional Science, University of Alberta, Edmonton, Canada	15.03.2016 14.09.2016	Canada
366	Dr. B. Muruganandan, Professor and Head, VUTRC, Madurai	Ethnoveterinary and Practice	20.11.2015 To 21.11.2015	VUTRC, Tanjore
367	Dr. R. Uma Rani, Associate Professor, VUTRC, Madurai	Community Media for STG	12.09.15 To 16.09.15	DHAN Foundation, Kottampatti
368	G.Ravikumar	10 <sup>th</sup> Annual Asia-Pacific Biosafety Conference	23.6.15 30.6.15	Cebu, Philippines
369	G.Ravikumar	American Society for Microbiology -Biosafety Level -II for Indian labs	17.08.15 18.8.15	New Delhi
370	G.Ravikumar	International Workshop on Bacillus anthracis	26.10.15 31.10.15	JNU, New Delhi
371	K.Senthil Kumar	Workshop on Bluetongue Vector Identification	02.11.15 6.11.15	Vaccine Research Centre- Viralvaccine
372	K.Senthil Kumar	Analysis of High throughput sequencing and microarray data to unravel host-pathogen interactions	16.11.15 7.12.15	IVRI, New Delhi
373	G.Ravikumar	American Society for Microbiology - Biosafety Committee	11.02.16 14.2.16	Bengaluru
374	G.Ravikumar	ICAR ORPZD – Annual review meeting	02.3.16 06.03.16	New Delhi
375	G. Dhinakar Raj	Transgenic livestock: technologies and application	19.02.2016 to 20.02.2016	NIVEDI, Bengaluru

376	G. Dhinakar Raj	4 <sup>th</sup> Global animal health conference 2015 : Regulatory convergence	24.06.2015 to 25.06.2015	Dar ES Salam, Tanzania
377	K.G. Tirumurugaan	Regulatory Requirements & Clinical Development	16.10.2015	CCAMP, Bangalore

## 2016-17

Sl. No.	Name and designation of the Scientist	Title of the Programme	Duration	Place
1	Dr. R. Balamurugan	NCC OPC-16 short Course	13.09.2016. to 11.11.2016	RVC centre and College, Meerut Cantt.
2	Dr. G. Selvaraju	"Advances in Livestock Disease Surveillance: Integration of Molecular Biology and Statistical Methods in Veterinary Epidemiology	01.09.2016 to 10.09.2016	National Institute of Veterinary Epidemiology and Disease Informatics (NIVEDI), BENGALURU
3	Dr.Thanga.Thamil vanan	Certificate course on laboratory animals	16.09.2016 to 24.09.2016	MVC, Chennai
4	M. Ananda Chitra	ICAR short course on "Recent innovation in education technology"	06.12.2016 to 15.12.2016	NAARM, Hyderabad, Telungana
5	Dr. K.T. Kavitha	Training on Lab animal handling & Management for Research Scholars	20.12.2016 to 22.12.2016	Lab Animal Unit, TANUVAS, Chennai-51.
6	Dr.K.Loganathasamy	CAFT Programme on Biology of physiological adaptation and production stress in farm animals	11.01.2017 to 31.01.2017	Indian Veterinary Research Institute, Izatnagar, Bareilly, Uttar Pradesh.
7	Dr.P.Thilakar	NSS Orientation Course for NSS Programme Officers	31.01.2017 to 06.02.2017	ETI, MSSW, Egmore, Chennai.
8	Dr. R. Balamurugan	Advanced short course on "Advances in rumen manipulation to improve livestock productivity"	01.02.2017 to 21.02.2017	Centre for Advanced Faculty Training Programme, Animal Nutrition Division, IVRI
9	Dr.T.Satheeshkumar and Dr. K. Nagarajan	Modern technologies for production and application of antibodies for animal health improvement	01.03.2017 to 21.03.2017	Lala Lajpat Rai University of Veterinary and Animal Sciences, Hisar, Haryana
10	Dr.S. Rajalakshmi	ICAR – 29 <sup>th</sup> CAFT training programme on "Modern technologies for production and applications of antibodies for animal health improvement"	01.03.2017 to 21.03.2017	Dept. Veterinary Microbiology, LLRUVAS, Hisar, Haryana
11	Dr.Pasupathi Karu.,	"Strategies in Adopting Technology Enhanced Learning in Agricultural Education"	14.03.2017 to 15.03.2017	NAARM, Hyderabad
12	Dr.P.Kumarasamy	Recent developments in animal genetics and biotechnology	07.04.2016 to 08.04.2016	Central University of Kerala, Kasargod, Kerala

14       Dr.P.L.Sujatha Assistant Librarian       Genomic Resources on Web world       08.         15       Dr.P.Kumarasamy       Bioinformatics in Genome Analysis       19.0 23.         16       Dr.P.Kumarasamy       Application of Bioinformatics in PG Research       19.12 21.         17       Dr.R.Karunakaran       Workshop on "Strategies for Bio-Tech Entrepreneurship"       7.3 8.         18       Dr.M.Sowmiya Graduate Assistant       International Workshop on "Sustainable animal production -Recent trends and future challenges in disease diagnosis"       13.         19       Dr. P. Azhahianambi       Training cum workshop on Video and Educational       07.	to Cent .08.2016 .09.2016 to Bioi: .09.2016 to Bioi: .12.2016 to Bioi: .12.2016 to Cent .2.2017 to Tran .3.2017 Reserved for Variable of A .07.2016 Depart of A .07.2016 Bioi: .07.2016 National Colli10.2016 National Colli-	nformatics tre, MVC  nformatics tre, MVC nformatics re, MVC slational earch Platform Veterinary ogicals IUVAS artment nimal echnology,
14       Dr.P.L.Sujatha Assistant Librarian       Genomic Resources on Web world       08.         15       Dr.P.Kumarasamy       Bioinformatics in Genome Analysis       19.0 23.         16       Dr.P.Kumarasamy       Application of Bioinformatics in PG Research       19.12 21.         17       Dr.R.Karunakaran       Workshop on "Strategies for Bio-Tech Entrepreneurship"       7.3 8.         18       Dr.M.Sowmiya Graduate Assistant       International Workshop on "Sustainable animal production -Recent trends and future challenges in disease diagnosis"       13.         19       Dr. P. Azhahianambi       Training cum workshop on Video and Educational       07.	08.2016 Bioi: Cent 08.2016 09.2016 to Bioi: 09.2016 to Bioi: 12.2016 09.2017 to Tran 07.2016 Bioi: TAN 07.2016 Department of A Bioi: Mad Colle 10.2016 Nation	nformatics tre, MVC nformatics tre, MVC nformatics re, MVC slational earch Platform Veterinary ogicals IUVAS artment nimal echnology,
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on Video and Educational		ras Veterinary ege, TANUVAS
		onal Academy
	.10.2016 Rese Man	gricultural earch agement, erabad
		R-NAARM,
Computer Based Educational Materials Production" 28 (under TELAgE)	To Hyd10.2016	erabad
		VB, TANUVAS
biotechnology: Mighty egg: Realising translational potential of egg bioreactor"	to .10.2016	
		onal Academy
"Innovative apporoaches to technology enhanced learning" 26.	.11.2016 Rese Man	gricultural earch agement, erabad
	.11.2016 Chei	
Programme on Research –		
The recourse for continuous learning"		
24 Dr.G. Balakrishnan Workshop on "Clinical applications on In vivo imaging 22.	.11.2016 TRP to .11.2016	VB, TANUVAS
		ras Veterinary
workshop on "Making Indian Food Clean and Safe", 16.	to Colle	ege, Chennai.
		VB, TANUVAS
Regulation and Translational research" 06.	to .01.2017	·
		C, Chennai
safe	to	
	Engi Arar	nyusha ineering College, nyoyalkuppam, namalle,

29	Dr.P.Kumarasamy	Application of Bioinformatics in Animal Sciences	28.02.2017	Ahmed Sayeed College for women, Chennai
30	Dr.P.Kumarasamy	Application of Bioinformatics in Veterinary Sciences	6.03.2017 to 10.03.2017	Bioinformatics Centre, MVC
31	Dr.N.Vimal Rajkumar	Policy workshop on "Strategies in Adopting Technology Enhanced learning in Agricultural Education"	14.03.2017 to 15.03.2017	NAARM, Hyderabad
32	Dr.A.Yasotha, Dr.C.Vasanthi, Dr. P.Kanagaraju K. Premavalli Dr.G.M.Sivakumar	Second National Tamil Conference of Agricultural Scientific Tamil Society, New Delhi	05.08.2016 to 06.08.2016	Tamil Nadu Agricultural University, Coimbatore
33	Dr.A.Bharathidhasan	9 <sup>th</sup> NABS National Conference on New Biological Researches: Opportunities for sustainable development	11.08.2016 to 12.08.2016	School of Energy, Environment and Natural resources, Madurai Kamaraj University, Madurai
34	Dr.C.Veerapandian, Dr.K.Kulasekar, Dr.N.Arunmozhi and Dr.S.Rangasamy	8 <sup>th</sup> International Clinical Case Conference	12.08.2016 to 13.08.2016	Madras Veterinary College
35	L. Rajendran	National Conference on "Legal and Ethical Aspects of Librarianship: Issues and Challenges"	01.10.2016	The Tamil Nadu Dr Ambedkar Law University, Chennai.
36	Dr.C.Pandian	XXXIII Annual conference of Indian Poultry Science Association 2016	03.11.2016 to 05.11. 2016	College of Veterinary Science, Assam Agricultural University, Assam.
37	Dr.C.Bandeswaran Dr.A.Bharathidhasan Dr.Pasupathi,Karu Dr.J.Ramesh	Conference on Newer perspectives in Animal Nutrition Research for Augmenting Animal Productivity	07.11.2016 to 09.11.2016	College of Veterinary Science, Tirupati
38	Dr.Robinson.J.J. Abraham Dr.V.Appa Rao	X International Conference on Controlled and Fumigation in Stored Products	07.11.2016 to 10.11.2016	New Delhi
39	Dr.G.M.Sivakumar	104 <sup>th</sup> Indian Science Congress	03.01.2017 to 07.01.2017	Sri Venkateswaraa University, Tirupathi
40	Dr.B.Dhanalakshmi Dr.V.Veerapandian Dr.Rita Narayanan	National conference cum workshop on Making Indian Food Clean and safe	20.01.2017 to 21.01.2017	Madras Veterinary College, Chennai
41	Dr.A.Bharathidhasan	XIII Agricultural Science Congress 2017 on Climate Smart Agriculture	21.02.2017 to 24.02.2017	University of Agricultural Sciences, Banglore
42	Dr.R.Karunakaran Dr.J.Ramesh	International conference on Frontiers in Nanoscience and Nanotechnology	27.2.2017 to 28.2.2017	Centre for Nanotechnology and Advanced Biomaterials, SASTRA UNIVERSITY, Thanjavur

43	Dr.V.Appa Rao,	32 <sup>nd</sup> Workshop of AICRP on	07.03.2017	CIPHET Ludhiana
	Dr.S.Ezhilvelan	PHET	to 10.03.2017	
44	Dr.A.Bharathidhasan Dr.J.Ramesh Dept. of ANN	Seminar on Environment and sustainable development	03.06.2016	Dept. of Chemistry, Faculty of Science and Humanities, SRM University, Kattangulathur
45	Dr. R.Narendra Babu Dept. of LPT (MST)	Seminar on Analytical Solutions for Food Safety and Quality Testing	10.08.2016	Hotel Hilton, Chennai.
46	K. Premavalli, Dept. of PSC	III AAHP Convention & National symposium on poultry health & welfare -Riding the wave to the future	20.10.2016 to 21.10.2016	Goa
47	Dr. S.M.K. Karthickeyan Dr. A. Gopinathan Dept. of AGB	IMV Seminar on  "Advancement in Bovine Reproduction Technologies to Increase Breeding Efficiencies"	21-10-2016	Bengaluru
48	Dr Ravi Sundar George Dr C Ramani Dr Mala Shammi Dr Md Shafiuzama Dr R Sivashankar Dr A Velavan Dr H Pushkin Raj Dept. of VSR	40th Annual Congress of Indian Society for Veterinary Surgery and National Symposium On "Biomaterials and Stem cells for tissue repair and regeneration in Veterinary Surgery"	2.12.2016 to 04.12.2016	MVC, Chennai
49	Dr.K.Kulasekar Dr.N.Arunmozhi and Dr.U.S.Kalyaan Dept. of VGO	32 <sup>nd</sup> ISSAR Symposium	06.12.2016 to 08.12.2016	College of veterinary Sciences, Tirupati
50	Dr. Rita Narayanan Dept. of LPT (DSC)	8 <sup>th</sup> India Probiotic Symposium	3.12.2016 to 04.12.2016	Chennai
51	Dr.Geetha Ramesh Dr.A.Kumaravel Dr.Sabiha Hayath Basha Dr.T.A.Kannan Dept. of ANN	XXXI Annual Convention of IAVA & National Symposium	21.12.2016 to 23.12. 2016	College of Veterinary Science, Rajendranagar, Hyderabad
52	Dr. A. Gopinathan Dr.C.Cauveri Dept. of AGB	National Symposium on "Biodynamic Animal Farming for the Management of Livestock Diversity Under changing Global Scenario" and XIV Annual Convention of SOCDAB	08.02.2017 to 10.02.2017	College of Veterinary and Animal Sciences, Mannuthy Thrissur – 680 651, Kerala
53	Dr.A.Bharathidhasan Dept. of ANN	National Seminar on Improvement of Small Ruminant Production System for Livelihood Security	09.03.2017 to 10.03. 2017	ICAR-CSWRI, Avikaagar, Rajasthan
54	Dr. P.Kanagaraju Assistant Professor Dept. of PSC	XXV World Poultry Conference	05.09.2016 to 09.09.2016	Beijing, China
55	Dr. P.Kanagaraju Assistant Professor Dept. of PSC	10 <sup>th</sup> International Poultry Show & Seminar	2.03.2017 to 04.03.2017	International Convention City Bashundhara (ICCB) Dhaka, Bangladesh

56	Divya Manjari K, T.S.Saravanan and M.Parthiban	Oral presentation on Probiotics  —replacement for antibodies in poultry to reduce human risk  — International conference — Clean up India 2016	13.12.2016 -16.12.2016	TNAU, Coimba-tore
57	S.Rathnapraba Assistant Professor	Pre- Conference CME on "Laboratory Diagnosis of Rabies"	July 8th 2016	Depart-ment of Neurovirology, NIMHANS, Bangalore
58	S.Rathnapraba Assistant Professor	"Orientation Training Programme on NABL ISO/IEC 17025 Accreditation"	28.12.2016 - 30.12.2016	PLAFFS, DCAHS, MMC, Chennai
59	S.Rathnapraba Assistant Professor	"Computational Approaches for Next Generation Sequencing (NGS) Data Analysis in Agriculture"	8.02. 2017 - 28.02.2017	IASRI, PUSA, New Delhi
60	Dr. K. Devipriya Assistant Professor	Experimental analysis to improve fertility in buffaloes during summer	05.08.2016 06.08.2016	TNAU, Coimbatore
61		Endocrinological findings in anestrous buffaloes during summer to improve fertility	12.11.2016 13.11. 2016.	Kerala Veterinary Science Congress Trissur, Kerala.
62	Dr. R. Prakash Krupakaranan Professor	Personality Development Programme.	3.2. 2017 11.02.2017	Veterinary College and Research Institute, Namakkal.
63	Dr.T.Sathyabama Assistant Professor		Feb 11 , 2017	
64	Dr. K. Devipriya Assistant Professor			
65	R.Selvam	NAARM Off-Campus Training Programme on "Developing Winning Research Proposals" Organized by Directorate Of Research, TANUVAS.	20.04.16 23.04.16	Veterinary College and Research Institute, Tirunelveli
66	R.Selvam	2 <sup>nd</sup> National Conference on Agricultural Scientific Tamil	05.08.16 06.08.16	TNAU, Coimbatore
67	R.Selvam	National Seminar on Climatic Changes for bio-diversity	04.01.17 05.01.17	Rani Anna Govt. College for Women, Tirunelveli
68	R.Selvam	ISSGPU Annual Conference & National Seminar on "Improvement of Small Ruminant Production System for Livelihood Security"	09.03.17 10.03.17	ICAR- Central Sheep and Wool Research Institute, Avikanagar, Rajasthan on
69	N.Arulnathan	NAARM Training programme on "Developing winning Research Proposal"	20.04.16 23.04.16	VCRI, Tirunelveli
70	D.Thirumeignanam	NAARM Training programme on "Developing winning Research Proposal"	20.04.16 23.04.16	VCRI, Tirunelveli

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71	N.Arulnathan	NSS programme officer orientation course organised by Empanelled training institution, Madras school of social work,	22.09.16 28.09.16	Chennai
		Chennai-8		
72	M.Chellapandian	KVSC- 2016, Indian Veterinary Association, Kerala	12.11.16 13.11.16	Thrissur, Kerala
73	D.Thirumeignanam	10 <sup>th</sup> Biennial Animal Nutrition	09.11.16	Tirupati, Andhra
, ,	2.1	Association conferences	11.11.16	Pradesh
		on Newer perspective in	11.11.10	1 1000011
		Animal Nutrition Research for		
		augmenting animal productivity		
74	M.Chellapandian	Brain Storming meeting on	01.11.16	Chamber of
'	The transfer of the transfer o	finalisation of concept note on	01.11.16	Vice Chancellor,
		project proposal for funding		TANUVAS
		under Green Climate Fund		Madhavaram
		(NABARD)		
75	M.Chellapandian	35 <sup>th</sup> Annual Convention of	22.02.17	VCRI, Tirunelveli
	······································	Indian Society for Veterinary	24.02.17	,
		Medicine & National		
		symposium on "Innovative		
		techniques, emerging issues		
		and advancement in veterinary		
		medicine to meet the		
		challenges: Present and Future"		
		Cum Workshop		
76	N.Arulnathan	Refresher course on	02.02.17	University of Kerala,
		environmental studies	22.02.17	Thiruvananthapuram
77	D.Thirumeignanam	Standardization and calibration	21.02.17	AFAQAL, VC&RI,
		of Near Infra-red reflectance	24.02.17	Tirunelveli
		Spectrometer (NIRS) and		
		laboratory analytical techniques		
		for mycotoxin and common salt		
		estimation in animal feeds		
78	R.Selvakkumar	NAARM training programme	20.04.16	VCRI, Tirunelveli
		on "Developing Winning	23.05.16	
		Research Proposal"		
79	K.Nalini	NAARM training programme	20.04.16	VCRI, Tirunelveli
		on "Developing Winning	23.05.16	
0.0	D. C11.1-	Research Proposal"	05.00.16	TNIALL C. 1.
80	R.Selvakkumar	Scientific Tamil	05.08.16	TNAU, Coimbatore
01	D.Gandhimathi	Symposium on Rural Poultry	06.08.16	Votorinami Callaga
81	D.Gandininatili	for Livlihood, Nutritional and	03.11.16 05.11.16	Veterinary College, Kanapara
		Economic Security and XXIII	03.11.10	Kanapara
		Annual Conference		
82	R.Selvakkumar	Short course on "Emerging	06.02.17	ACRI, Madurai
02	1.501varraniai	trends in communication and	15.02.17	riciti, madurar
		essential skill sets of extension	15.02.17	
		professionals for effective		
		technology transfer"		
83	S.Vasantha Kumar	ICAR - NAARM training	20.04.16	VCRI, Tirunelveli
		programme on Developing	23.04.16	, , , , , , , , , , , , , , , , , , , ,
		winning research proposals		
84	S.Vasantha Kumar	National seminar on climate	04.01.17	Department of
		change - challenges for	05.01.17	Botany, Rani Anna
		Biodiversity		Govt. College for
				Women
				Tirunelveli
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85	M Murugan	8 <sup>th</sup> Kerala Veterinary Science	12.11.16	Pattikkad, Thrissur,
83	M.Murugan	Congress	13.11.16	Kerala
86	S.Vasantha Kumar	8 <sup>th</sup> Kerala Veterinary Science	12.11.16	Pattikkad, Thrissur,
80	S. vasantila Kulliai	Congress,	13.11.16	Kerala
87	M.Sutha	Developing winning proposals,	20.04.16	VCRI, Tirunelveli
0/	Wi.Sutila	NAARM	23.04.16	VCKI, THUHEIVEH
88	A.Poorani	Developing winning proposals,	20.04.16	VCRI, Tirunelveli
88	A.Poorani	NAARM	23.04.16	VCRI, Tiruneiveii
00	C Day Bass			Manning Ctan II.
89	C.Pandiyan	UGC sponsored National	11.08.16	Morning Star Home
		Seminar on "Food safety		Science, College,
		and quality assurance – A		Angamaly, Thrissur,
		comprehensive perpetual		Kerala
0.0	3.5.01	perspective"	05.00.16	TOTALL CO. 1
90	M.Sutha	National Conference on	05.08.16	TNAU, Coimbatore
		"Agricultural Scientific Tamil"	06.08.16	ana crai
91	C.Pandiyan	National conference on	16.02.17	SRM University,
		Advances in Food Processing,	17.02.17	Kattankulathur
		Nutrition and Safety Organized		
		by Department of Food Process		
		Engineering		
92	S.Senthilkumar	Training programme on	20.04.16	VCRI, Tirunelveli
		"Developing Winning Project	23.04.16	
		Proposal" Off Campus training		
		Programme Organised by		
		NAARM, Hyderabad and		
		TANUVAS, Chennai		
93	S.Senthilkumar	Training Programme on	12.09.16	TNAU, ACRI,
		mExtension: 'All-in-one'	16.09.16	Madurai
		Mobile Phones for Agricultural		
		Extension		
94	S.Senthilkumar	Exhibition cum Farmers	18.09.16	Parimalam Hall,
		Technical Workshop on the	19.09.16	Erode
		occasion of "TANUVAS		
		Foundation Day and Livestock		
		& Poultry Farmers day"		
95	M.Prabhu	Winter School training on	01.12.16	CVS, SDAU,
		"Advances in Molecular	21.12.16	Saradar krushinagar,
		biology for diagnosis and		Gujarat
		control of infectious diseases"		
96	S.Senthilkumar	104 <sup>th</sup> Indian Science Congress	03.01.17	Sri Venkateswara
		2016 organised by ISCA,	07.01.17	University, Tirupati
		Kolkata and Sri Venkateswara		
		University, Tirupati		
97	S.Karthikeyan	35 <sup>th</sup> Annual Convention of	22.02.17	VCRI, Tirunelveli
		Indian Society for veterinary	24.02.17	
		Medicine and National		
		Symposium on "Innovative		
		Techniques, Emerging		
		Issues and Advancement in		
		Veterinary Medicine to meet		
		the Challenges: present and the		
		future"		
98	S.Rajathi	NAARM Training –	20.04.16	Veterinary College
		Development of Winning	24.04.16	and Research
		Research Proposals		Institute, Tirunelveli
99	S.Rajathi	Tamil can do Agricultural	05.08.16	TNAU, Coimbatore
		sciences – II National Scientic	06.08.16	
L		Tamil Conference		

100	CD : 4:	21 1 37 4 6 1 1	00.11.16	TT : :/ C
100	S.Rajathi	21 days Winter School Refresher Course in	08.11.16 28.11.16	University of Madras, Chennai
		Nanosciences	28.11.10	Madras, Chemiai
101	S.Rajathi	XXXX Annual Convention of	December 2016	College of
101	S.Rajatiii	IAVA and National Symposium	December 2010	Veterinary Sciences,
		in the time that a symposium		PVNTRVU
				Rajendranagar,
				Hyderabad
102	S.Rajathi and	National Seminar on Climate	04.01.17	Rani Anna Govt.
	S.A.Sivakumar	Change – Challenges for	05.01.17	College for Women,
		Biodeversity		Tirunelveli – 8
103	S.Rajathi	State level workshop on A	10.02.17	Sri Sarada college
	S.A.Sivakumar	Journey towards educational		of Education for
101	97.11	Research	20.02.15	women, Tirunelveli
104	S.Rajathi	Fisfest, 2017	28.02.17	Fisheries college &
				Research Institute,
105	C D - i - d - i	N-4:1C	25.02.17	Thoothukudi
105	S.Rajathi S.A.Sivakumar	National conference on	25.02.17	Sri Venkateshwara
	S.A.Sivakumar	Technology enabled learning and leading		College of Education, Karaikal
100	C.D. ; 41;		20.02.15	·
106	S.Rajathi	National level seminar on	30.03.17	Thiagarajar College
	S.A.Sivakumar	Global competence learning:	31.03.17	of Preceptors
107	S.Parthiban	Breaking barriers beyond limits Training programme on	20.04.16	VCRI, Tirunelveli.
107	S.Fartinoan	"Developing Winning Research	23.04.16	VCKI, Titulicivell.
		Proposals	23.04.10	
108	S.Parthiban	Second national conference on	05.08.16	TNAU, Coimbatore
100	S.I di tilibali	"Agricultural Scientific Tamil"	06.08.16	114710, Combatore
109	J.Johnson Rajeswar	One day workshop on swine	21.11.16	VCRI, Tirunelveli
	.,	diseases and their management.		,
110	S.Malmarugan	One day workshop on swine	21.11.16	VCRI, Tirunelveli
		diseases and their management.		
111	S.Parthiban	ICAR sponsored Winter school	01.12.16	Sardarkrushinagar
		on "Advances in Molecular	21.12.16	Dhantiwada
		biology for diagnosis and		Agricultural
		control of infectious diseases"		University,
				Sardarkrushinagar,
112	M Drobby	ICAD anamanad Winter and a	01 12 17	Gujarat.
112	M.Prabhu	ICAR sponsored Winter school on "Advances in Molecular	01.12.16 21.12.16	COVSC
		biology for diagnosis and	21.12.10	&AH, SDAU, Sardarkrushinagar,
		control of infectious diseases"		Gujarat.
113	J.Johnson Rajeswar	35 <sup>th</sup> Annual Convention of	22.02.17	VCRI, Tirunelveli
113	1.5 omioon rages was	ISVM & National Symposium	24.02.17	. C.C., Thundron
		on "Innovative Techniques,		
		Emerging Issues and		
		Advancement in Veterinary		
		Medicine to meet the		
		Challenges: Present and The		
		Future"		
114	S.Malmarugan	35 <sup>th</sup> Annual Convention of	22.02.17	VCRI, Tirunelveli
		ISVM & National Symposium	24.02.17	
		on "Innovative Techniques,		
		Emerging Issues and		
		Advancement in Veterinary		
		Medicine to meet the Challenges: Present and The		
		Future"		
	L	1 dtuic		

115	S.Parthiban	35 <sup>th</sup> Annual Convention of	22.02.17	VCRI, Tirunelveli
		ISVM & National Symposium	24.02.17	, 52.1522
		on "Innovative Techniques,		
		Emerging Issues and		
		Advancement in Veterinary		
		Medicine to meet the		
		Challenges: Present and The		
		Future"		
116	P.K.Ramkumar	8th Clinical case conference on	12.08.16	Madras Veterinary
		Farm and Companion animal		College, Chennai
		practice for Veterinary students		
117	K.Mohanambal	II National Scientific Tamil	05.08.16	Trichy
		Conference	06.08.16	
118	R.Ramprabhu	35th Annual Convention of	22.02.17	ISVM VCRI,
110	E.Venkatesakumar	Indian Society for Veterinary	24.02.17	Tirunelveli,
	K.Mohanambal	Medicine and National	202.17	1110111111,
	P.A.Enbavelan	Symposium		
	P.K.Ramkumar	- J F		
119	R.Ramprabhu	35th Annual Convention of	22.02.17	ISVM VCRI,
117	Te.reampraona	Indian Society for Veterinary	24.02.17	Tirunelveli,
		Medicine and National	21.02.17	Thunerven,
		Symposium		
120	E. Venkatesakumar	35th Annual Convention of	22.02.17	ISVM VCRI,
120	E. Venkatesakumai	Indian Society for Veterinary	24.02.17	Tirunelveli,
		Medicine and National	24.02.17	Thunciven,
		Symposium		
121	K.Mohanambal	35th Annual Convention of	22.02.17	ISVM VCRI,
121	1X.IVIOIIaiiaiiioai	Indian Society for Veterinary	24.02.17	Tirunelveli,
		Medicine and National	21.02.17	Thunciven,
		Symposium		
122	P.A.Enbavelan	35th Annual Convention of	22.02.17	ISVM VCRI,
		Indian Society for Veterinary	24.02.17	Tirunelveli,
		Medicine and National		,
		Symposium		
123	A.Meenakshisundaram	2 <sup>nd</sup> National seminar on	05.05.16	Anbil Dharmalingam
		Agriculture in sciencific Tamil	06.05.16	Agricultural College
				and Research
				Institute, Trichy
124	T.Anna	35th Annual Convention of	22.02.17	ISVM VCRI,
		Indian Society for Veterinary	24.02.17	Tirunelveli,
		Medicine and National		
		Symposium		
125	A.Meenakshisundaram	35th Annual Convention of	22.02.17	ISVM VCRI,
		Indian Society for Veterinary	24.02.17	Tirunelveli,
		Medicine and National		
		Symposium		
126	T.Lakshmi Prasanth	NAARM TRAINING on	20.04.16	VCRI, Tirunelveli
		Developing Winning Research	23.04.16	
		Proposal		
127	M.Sundara Vinayaki	Second National Tamil	05.08.16	TNAU, Coimbatore
		conference, Agricultural	06.08.16	
		Scientific tamil society, New		
100	DOLG 1	Delhi	10.11.17	mi ' rr i
128	P.S.L.Sesh	8th Kerala Veterinary Science	12.11.16	Thrissur, Kerala
		Congress, IVA	12.11.16	

129	T.Lakshmi Prasanth	CAFT 21 days Training on "Biology of Physiological Adaptation and Production Stress in Farm Animals"	11.01.17 31.01.17	Division of Veterinary Physiology and Climatology, Indian Veterinary Research Institute (IVRI), Izatnagar
130	P.S.L.Sesh	35th Annual Convention of Indian Society for Veterinary Medicine and National Symposium	22.02.17 24.02.17	ISVM VCRI, Tirunelveli,
131	M.Sundara Vinayaki	CAFT 21 days Training on "Modern Technologies for production and applications of antibodies for animal health & improvement"	01.03.17 21.03.17	Department of Veterinary Microbiology, Lala Lajpat Rai University of Veterinary Science & Animal Husbandry, Hisar, Haryana.
132	R.Thangathurai	NAARM training "Developing Winning Research Project Proposal"	20.04.16 23.04.16	VCRI, TNI
133	T.Mohanapriya	Second National Agri Scientific Tamil Conference	05.08.16 06.08.16	TNAU, Coimbatore
134	N.Pazhanivel	Workshop on "Veterinary Clinical Applications on Confocal Microscopy"	27.09.16 29.09.16	TANUVAS, MMC, Chennai -51
135	N.Pazhanivel	International Seminar on Ayurvedha	01.12.16	Kolkata
136	V.Kumar	35 <sup>th</sup> Annual Convention of ISVM and National symposium on "Innovative Techniques, Emerging Issues and Advancement of Veterinary Medicine to Meet the Challenges: Present and Future"	22.02.17 24.02.17	VCRI, TNI
137	T.Mohanapriya	35th Annual Convention of ISVM and National symposium on "Innovative Techniques, Emerging Issues and Advancement of Veterinary Medicine to Meet the Challenges: Present and Future"	22.02.17 24.02.17	VCRI, TNI
138	V.Suresh Kumar K.Kanagarajadurai	Training programme on developing winning research proposals, by NAARM, Hyderabad.	20.04.16 23.04.16	VCRI, Tirunelveli
139	K.Kanagarajadurai	Training programme on developing winning research proposals, by NAARM, Hyderabad.	20.04.16 23.04.16	VCRI, Tirunelveli
140	V.Suresh Kumar	Second National Conference on Agricultural Scientific Tamil	05.08.16 06.08.16	TNAU, Coimbatore
141	V.Suresh Kumar	Kerala Veterinary Science Congress-2016	12.11.16 13.11.16	Hotel Dream City, Pattikad, Thrissur, Kerala
142	V.Suresh Kumar	Short-term training programme on "Orientation Training Programme on NABL ISO/IEC 17025 Accreditation"	28.12.16 30.12.16	PLAFFS, TANUVAS, MMC, Chennai – 51

143	K.Kanagarajadurai	21 days training programme on	28.11.16	Jawaharlal Nehru
143	1x.rxanagarajadarar	"Knowledge sharing enables	17.12.16	Technological
		and barriers in Pharmaceutical	17.12.10	University,
		Research and Development".		Hyderabad.
144	Dr.D.Ramasamy, Professor	Experimental Learning	5-6 <sup>th</sup> December	NASA complex,
	and Head	Programme	2016	New Delhi
145	Mrs.S.K.Mathanghi, Assistant	National Seminar on Functional	19.09.2016	Home Science
	Professor, CFDT attended 'on	Foods to Achieve Nutrition &		College & Research
		Health Security		Institute, Madurai
146	Mrs.K.Sudha	International Symposium on	31.07.2016	Dr.Mohan's Diabetes
	Assistant Professor	Lifestyle & Diabetes'		Centre, Chennai
	Mrs.S.K.Mathanghi, Assistant Professor			
147	Er.G.Sujatha, Assistant	Workshop on PID controller	16 <sup>th</sup> & 17 <sup>th</sup>	Madras Institute of
	Professor	The state of the s	September 2016	Technology Campus,
			1	Chennai
148	Dr. R. Jyothi Priya	South Zonal Conference-2016	15.07.2016	Sri Venkateshwara
		Indian Association of Veterinary	to	Veterinary
		Pathologists (IAVP) and	16.07.2016	University, Tirupati,
		National Seminar on "Advances		Andhra Pradesh
		in Diagnosis of Emerging and		
		Re-Emerging Diseases of Avian		
1.40	D.M.A. 11.	Species"	02.00.2016	MC0DIN 11 1
149	Dr.M.Anandhi	National level training programme on "Issues and	03.08.2016 to	VC&RI, Namakkal.
		approaches in organic poultry	23.08.2016	
		production in India"	23.08.2010	
150	Dr. D. Kannan	"CPCSEA Nominee"	24.10.2016	National Institute
150	Bi. B. Haiman	Cr CBEr i rommee	to	of Animal Welfare,
			28.10.2016	Faridabad
151	Dr. D. Kannan	National level conference	02.11.2016	Gauwahati
		IPSACON 2016	to	
			05.11.2016	
152	Dr. P. Thirunavukkarasu	National level conference	02.11.2016	Gauwahati
		IPSACON 2016	to	
			05.11.2016	
153	Dr. R. Jyothi Priya	Clinical Parasitological	07.11.2016	Veterinary College,
		techniques and molecular	to	Hebbal, Bangalore
		methods in the detection of	27.11.2016	
154	Dr. G. Raj Manohar	parasitic diseases.  Augmentations in conservation	09.11.2016	VC&RI, Namakkal.
154	Di. O. Kaj ivianonal	and Improving genetic	to	v Corri, ivalilakkal.
		resources of indigenous poultry	29.11.2016	
		for food security.		
155	Dr. S. Bakyaraj	Skill development for	06.03.2017	National Dairy
		sustainable livestock	to	Research Institute,
		productivity in the genomic era.	26.03.2017	Karnal, Haryana
156	Dr. P. Tensingh Gnanaraj	XXV World's Poultry congress	05.09.2016	
		2016	09.09.2016	
157	Dr. T. Geetha	PDFA Dairy Expo cum Farmers	18.06.2016	
1.50	D. D. D. L.	Seminar'	19.06.2016	
158	Dr. E. Rachel Jemimah	All India seminar on Business	07.05.2016	
		Opportunities in Soiless		
159	Dr T Muthuramalin acce	Cultivation Winter School Refresher	08.11.2016	
139	Dr.T.Muthuramalingam	Course Course	28.11.2016	
		Subject: Nano Sciences	20.11.2010	
	<u>L</u>	Budject. Ivano Belences	<u> </u>	

160	Dr. N.Prema, Assistant Professor	Reproductive disorders and their management in cattle	05.04.16	
161	Dr.R.Prabhakar	Pet animal with reference to	12.04.16	
161			12.04.16	
	Assistant	canine		
	Professor			
162	Dr.M.Prabhu	Zoonotic diseases and their	26.04.16	
	Assistant Professor	control		
163	Dr.N.Prema, Dr.M.Prabhu	Exhibition cum Farmers fair	22.06.16	
103	Dr.R.Prabhakar	on Pradhan Mantri Fisal Bima	22.00.10	
	Assistant Professor and	Yojana-Crop Insurance scheme		
		Tojana-Crop insurance scheme		
	Dr.R.Anil Kumar,			
	Professor and Head			
164	Dr.R.Prabhakar Assistant	Pet animal Management with	24.06.16	
	Professor	reference to cannie - Part II.		
165	Dr. N.Prema, Dr.R.Prabhakar	National Science Day	28.02.17	
	Dr. V.Thavasiappan,	Exhibition		
	Assistant Professor and			
	Dr.R.Anil Kumar, Professor			
	and Head			
166	C.Valli	X Biennial Animal Nutrition	9.11.16	
100	C. vaiii	Association Conference	11.11.16	
			11.11.10	
		on Newer Perspectives in		
		Animal Nutrition Research		
		for Augmenting Animal		
		Productivity		
167	Dr. Ramachandran	Agroforestry for environmental	03.12.16	
		challenges, sustainable land	05.12.16	
		use, biodiversity conservation		
		and rural livelihood options		
168	Dr. Ramachandran	Agroforestry strategies for	21.03.17	
100	Di. Kamachandran	climate change: mitigation and	22.03.17	
			22.03.17	
1.00	77076	adaptation	02.12.16	
169	V.S.Mynavathi	National symposium on	03.12.16	
		Agroforestry for	05.12.16	
		environmental challenges,		
		sustainable land use,		
		biodiversity conservation and		
		rural livelihood options		
170	V.S.Mynavathi	National Congress on New	01.03.17	
		Challenges and Advances in		
		Sustainable Micro	03.03.17	
		Irrigation	05.05.17	
171	S.Gunasekaran		03.06.16.	
171	5. Juliasekalali	One day seminar on	03.00.10.	
		Environment and sustainable		
		development		
172	S.Gunasekaran	One day workshop on	26.04.16	
		Intellectual Property Rights –		
		2016		
173	Dr.A.K.Thiruvenkadan, Ph.D.,	Recent models and methods for	11.07.2016	
		analysis of farm animal data for	20.07.2016	
		devising suitable breeding and		
		management strategy		
174	Dr V Sankar Dh D		3.08.16	
174	Dr.V.Sankar, Ph.D.,	Issues and approach in organic		
<u></u>		poultry production in India	23.8.2016	
175	Dr.A.K.Thiruvenkadan, Ph.D.,	Breed Registration award	23-08-16	
		ceremoney	23-08-2016	
176	Dr.A.K.Thiruvenkadan, Ph.D.,	Expert Consultation meeting	23-08-16	
			23-08-2016	

177	Dr.A.K.Thiruvenkadan, Ph.D.,	3 <sup>rd</sup> APIS and 3rd ARCAP conference on "Enhancing		
		Synergistic Roles of		
		Stakeholders for Development		
		of Sustainable Livestock		
		Production"		
178	Dr.V.Sankar Ph.D.,	"Forage Resource Management	29.11.2016	
176	Di. v.Sankar Th.D.,	For Sustainable and Economic	08.12.16	
		Livestock Production"	00.12.10	
179	Dr.R.Rajkumar,	"Techniques for assessment	03.01.2017	
1/9	Di.K.Rajkumai,	of quality and safety of meat	12.01.2017	
		products through species	12.01.2017	
		identification and detection of		
		chemical residues and microbial		
		contaminants"		
180	Dr.A.K.Thiruvenkadan, Ph.D.,	National Seminar on	9.03.17	
100	Dr.L.Arun,	Improvement of small	10.3.17	
	and Dr.P.Senthilkumar	ruminant production system for		
		livelihood security		
181	Dr. P.Ganapathi	Concepts and advances in	04.11.2016	
	1	statistical and molecular	24.11.2016	
		approaches in genetic		
		evaluation of breeding bulls for		
		sustainable milk production		
182	Dr. P.Ganapathi	XIV Annual Convention	08.02.2017	
	-	of SOCDAB – National	10.02.2017	
		symposium on Biodynamic		
		Animal Farming for the		
		Management of Livestock		
		diversity under changing Global		
		Scenario.		

## 2017-18

Sl. No.	Name and designation of the Scientist	Title of the Programme	Duration	Place
1	Dr.S.Meenakshi Sundaram,	International interdisciplinary	27.04.2017	Nairobi, Kenya
	Professor	conference at Kenya		
		Multimedia University	30.04.2017	
2	Dr.A.Thennarasu,	National Symposim on	17.05.2017	Srinagar
	Assistant professor	"Livestock Resource	19.05.2017	
	Dr.A.Yasotha	Management Under Changing		
	Assistant professor	Climate Scenario"		
3	Dr.Geetha Ramesh	Training program for nominees	23.05.2017	New Delhi
	Professor and Head	of CPCSEA	25.05.2017	
4	M. VIDHYA	Refresher course on Ecology	24.05.2017	UGC, HRDC, UoM,
		and Environmental Sciences	13.06.2017	Chennai-5
5	Dr.P.Kumarasamy	Genomic Meideine during	11.06.2017	KJ Hospital, 182,
	Professor and Head & Project	425 consecutive CME of	-	Poonamallee High
	Coordinator	International Medical Science		Road, Chennai-600084
		Academy (IMSA)		
6	Dr.P.Kumarasamy	Modern Genomic and	01.07.2017	Southern Regional
	Professor and Head & Project	Bioinformatics Tools for	-	Station, ICAR-
	Coordinator	enhancing productivity of		National Dairy
		Indigenous Cattle		Research Institute
				Adugodi,
				Bengaluru-560030.

7	D D C	N. C.	01.07.2017	CDC A 1 1'
7	Dr. D. Cauveri Assistant Professor	National Seminar on "Strategies for enhancing productivity of indigenous cattle"	01.07.2017 (One day)	SRS, Adugodi, Bengaluru
8	Dr. M.Vijaya Bharathi	CAFT training on advance imaging and interventional protocols in disease diagnosis and management in farm and pet animal practice	04.07.2017 24.07.17	Madras Veterinary College, Chennai -7
9	Dr.P.Kumarasamy Professor and Head & Project Coordinator	Genomic and Proteomic analysis for Improvement of farm animals	10.07.2017 14.07.2017	Bioinformatics Centre, MVC
10	Dr.A.Bharathidhasan, Assistant Professor	Annual Review Meeting on ICAR Network Project on Methane scheme for 2016-17	11.07.2017	AAU, Anand, Gujarat
11	Dr. M. Sowmiya, Graduate Assistant	International conference on "Facing challenges together for sustainable livestock and poultry health- A local initiative for global solutions"	20.7.2017 21.07.2017	VC&RI, Namakkal
12	Dr.M.Asokkumar, Assistant Professor	"International conference on "Facing Challenges together for sustainable livestock and poultry health –A local initiative for global solutions"	20.07.2017 21.07.2017	Veterinary College and Research Institute, Namakkal
13	Dr Mala Shammi Dr A Velavan	Training programme from on CT Scan Imaging	24.07.2017 04.08.2017	Kilpauk Medical College, Chennai
14	Dr.C.Veerapandian Dr.K.Kulasekar Dr.N.Arunmozhi Dr.S.Rangasamy	9 <sup>th</sup> International Clinical Case Conference at MVC	03.08. 2017 04.08. 2017	TANUVAS, INTASand UBI
15	Dr.A.Yasotha	Tamil conference at TamilNadu agricultural University	12.08.2017 13.08.2017	TNAU Coimbatore
16	Dr.V.Appa Rao Professor and Head	Quinquennial Review meeting of All India Co- ordinated Research Project on Post Harvest Engineering Technology	23.08.2017 24.08.2017	TNAU Coimbatore
17	Rajendran .L, Assistant Librarian	National Seminar on "Best and Innovative Practices in Academic Libraries in the Digital Era"	26.08.2017	J.B.A.S College for Women
18	Dr R Sivashankar Dr C Niranjana	ICAR 21 days training program on at CAFT	30.8.2017 19.9.2017	Ludhiana GADVASU
19	Dr. Pasupathi, Karu. Assistant Professor Dr.J.Ramesh Assistant Professor	Advanced training programme on "Developments in Feed Milling Technology"	26.09.2017	VC&RI, Namakkal
20	Dr.K.Porteen, Assistant Professor	National Symposium on "Intersectoral Approaches to combat Zoonoses: Strategies and Challenges	11.10.2017 13.10.2017	CVS, Tirupati, Andhra Pradesh
21	Dr.P.Kumarasamy Professor and Head & Project Coordinator	Application of Bioinformatics for Agriculture and Animal Sciences	12.10.2017 13.10.2017	Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu.

22	Dr A Arunprasad	Advances in Instructional Technologies for Enhancing Teaching-Learning and Training Competencies	13.10.2017 02.11.2017	IARI, ICAR, New Delhi
23	Dr.A.Yasotha Assistant professor	Conservation and Promotion of Indigenous Breeds of Livestock	30.10.2017 19.11.2017	Bikaner
24	N.Vimal Rajkumar	Winter school on "New Initiative for Veterinary Extension, ARYA, Farmer First and MGMG"	30.10.2017 19.11.2017	Dept. of AH Extension Education, Bihar Veterinary College, Patna
25	Dr.A.Bharathidhasan, Assistant Professor	2 <sup>nd</sup> International Conference on "Animal Nutrition and Environment (ANI-NUE 2017)"	1.11.2017 4.11.2017	Pullman Raja Orchid Hotel, Thailand,
26	Dr.V.Apparao Professor and Head Dr R Narendra Babu Professor Dr.S.Ezhilvelan Assistant Professor Dr.R.Ramani Assistant Professor Dr.R.Ramani Assistant Professor Dr.C.Vasanthi Assistant Professor	The 3 <sup>rd</sup> convention of Association of Meat Scientists and Technologists and the National Seminar on "Food Adequacy and Climate Change: Strategies for Sustainable Food Production"	03.11.2017 04.11.2017	KVASU, Thrissur, Kerala.
27	Dr. D. Cauveri Assistant Professor	Winter School on "Innovative Approaches for Conservation and Improvement of Indigenous Bovine Genetic Resources in Modern IPR era under Changing Climate scenario" at	8.11.2017 28.11.2017	ICAR-NDRI, SRS, Adugodi, Bengaluru
28	Dr.M.Asokkumar, Assistant Professor	"Molecular tools in Epidemiology of Infectious diseases:	06.11.2017 15.11.2017	DUVASU, Mathura
29	Dr.A.Thennarasu Assistant professor	9 <sup>th</sup> Kerala Veterinary Science Congress	11.11.2017 12.11.2017	Cochin
30	Dr. T. Devi, Assistant Professor	CAFT training on "Update on vector and vector borne diseases"	14.11.2017 4.12.2017	KVFASU, Hebbal, Bangalore
31	Dr.A.Bharathidhasan, Assistant Professor Dr.Pasupathy Karu, Assistant Professor	Indian Poultry Science Association Conference 2017 on Innovations for Safe and Sustainable Poultry Production	28.11. 2017 30.11. 2017	NIMHANS Convention Centre, Bengaluru, India
32	Rajendran .L, Assistant Librarian	National Workshop on "Statistical Data Analysis Using R-Programming	09.12.2017	IIR and Jointly Neu Mo Infor Tech (P) Ltd, Chennai
33	Dr.P.Kumarasamy Professor and Head & Project Coordinator	Application of Bioinformatics in P.G. Research	11.12.2017 15.12.2017	Bioinformatics Centre, MVC
34	Dr.T.Satheeshkumar Assistant Professor	National Conference on Innovations in Biotechnology.	14.12.2017 15.12.2017	Madurai Kamaraj University
35	Dr Ravi Sundar George Dr C Ramani Dr Md Shafiuzama Dr A Arunprasad Dr A Velavan	41 <sup>ST</sup> Annual Congress of ISVS and National Symposium at	14.12. 2017 16.12. 2017	Tirupati

36	Dr.P.Kumarasamy Professor and Head & Project Coordinator	Isolation and Culturing of Stem cells from Bone marrow of mice	16.12.2017	Sri Venkateswara College of Engineering, Pennalur, Sriperumbudur Tk – 602 117
37	Dr.S.Ushakumary Professor	XXXII Annual Convention of IAVA & National Symposium	21.12. 2017 23.12. 2017	Bhubaneswar Odisha.
38	Dr.T.Satheeshkumar Assistant Professor	XXVI Annual Conference of SAPI and National Symposium	21.12.2017 22.12.2017	KVAFSU, Karnataka
39	Dr.A.Thennarasu Assistant Professor	Use of extended rain forecast for development of CRM tools in agriculture	24.12.2017 30.12.2017	Shimoga, Karnataka
40	Dr.P.Kumarasamy Professor and Head & Project Coordinator	Dairy Bull Management in Orientation training program on Bull Attendant for effective Dairy Farm Management	03.01.2018	URF
41	Dr.P.Kumarasamy Professor and Head & Project Coordinator	Bioinformatics in Drug Designing	08.01.2018 12.01.2018	Bioinformatics centre, MVC
42	Dr. T. Devi, Assistant Professor	Ethno veterinary Practices in Livestock and Poultry	10.01.2018 11.01.2018	MVC, Chennai-7
43	P.Athilakshmy	Ethnoveterinary practices in livestock and poultry	11.01.2018 12.01.2018	Madras Veterinary college, Chennai
44	Dr.M.Jayanthi, Dr.L.Kalaiselvi, Dr.N.Muniappan, Dr.M.R.Srinivasan and Dr.T.Ramasamy Asst. Professors	SIF (TANII) Training programs conducted for the TANUVAS Faculty members	11.01.18 12.04.18	Madras Veterinary College, Chennai
45	Dr.M.Asokkumar, Dr.K.Porteen, Assistant Professor	"EthnoVeterinary Practices in Livestock and Poultry	11.01.2018 12.01.2018	Madras Veterinary College
46	Dr A Arunprasad	Principles of Computed Tomography and its Applications in Veterinary Diagnostic Imaging",	12.1.2018 13.1.2018	RAJUVAS Bikaner
47	Dr.V.Appa Rao Professor and Head Dr S.Ezhilvelan Assistant Professor	33 <sup>rd</sup> Annual Workshop of AICRP on Post Harvest Engineering and Technology	23.01.2018 25.01.2018	Junagadh Agricultural University, Junagadh
48	Dr A Arunprasad Dr A Velavan Dr R Sivashankar Dr H Pushkin Raj Dr C Niranjana	ICAR sponsored AINP – DIMSCA Project "Workshop on PACS of Diagnostic Images for Networking & Webcasting"	24.1.2018 25.1.2018	-
49	Dr. A. Gopinathan Assistant Professor	International Event on "9 <sup>th</sup> Asian Buffalo Congress"	01.02.2018 04.02.2018	CIRB, Hissar, Haryana
50	Rajendran .L, Assistant Librarian	Refresher Course in Education and Education Technology	01.02.2018 21.02.2018.	University of Madras
51	Dr.P.Kumarasamy Professor and Head & Project Coordinator	Bioinformatics Resources And Emerging Opportunities	02.02.2018	Bishop Heber College, Tiruchirappalli - 620017
52	Dr.P.Kumarasamy Professor and Head & Project Coordinator	Use of Bioinformatics for Enhancing Productivity in Indian Livestock Resources	08.02.2018 10.02.2018	College of Veterinary & Animal Science, RAJUVAS, Bikaner
53	Dr. A. Gopinathan Assistant Professor	Training Programme on "Analysis of Experimental Data"	09.02.2018 24.02.2018	NAARM, Telangana.

54	Dr. V. V. dagalaga	22rd ICC AD Common of Word	00.02.2010	TANUVAS
54	Dr.K.Kulasekar Dr.S.Rangasamy	33 <sup>rd</sup> ISSAR Symposium at West Bengal Veterinary Council, Kolkata	09.02.2018 11.02.2018	IANUVAS
55	Dr.P.Kumarasamy Professor and Head & Project Coordinator	Application of Bioinformatics in Disease Diagnosis	12.02.2018	Veterinary Clinical Medicine, Madras Veterinary College, Chennai
56	Dr. S. Gomathinayagam Professor	XXVII National Congress of Veterinary Parasitology and National Symposium on "Technologies for sustainable parasite control and readderassal of detection methods directed for upliftment of rural economy".	12.02.2018 14.02.2018	Udaipur, Rajasthan
57	Dr.P.Kumarasamy Professor and Head & Project Coordinator	Bovine Breeding Policy of Tamil Nadu	13.02.2018	TNLDA – NPBB
58	P.Thilakar	Training on PFMS EAT Module - 13/2/2018	13.02.2018	Institute of government accounts and finance, chennai
59	Dr.P.Kumarasamy Professor and Head & Project Coordinator	Climate Change and Local Cattle Conservation	19.02.2018	School of Agriculture, Pookad, Chemmenchery, Kozhikode, Kerala
60	Dr.P.Kumarasamy Professor and Head & Project Coordinator	Bovine Breeding Policy of Tamil Nadu	20.02.2018	TNLDA – NPBB
61	Dr.P.Kumarasamy Professor and Head & Project Coordinator	Application of Bioinformatics in Animal Sciences for Global Competitiveness	23.02.2018	Sri Venkateswara Veterinary University, Tirupati.
62	Dr.P.Kumarasamy Professor and Head & Project Coordinator	Bovine Breeding Policy of Tamil Nadu	27.02.2018	TNLDA – NPBB
63	P.Athilakshmy Assistant Professor Dr.A.Vanathi Assistant Professor	Orientation training programme for the newly recruited Assistant Professor	05.03.2018 15.03.2018	Madras Veterinary College Chennai
64	Dr.P.Kumarasamy Professor and Head & Project Coordinator	Application of Bioinformatics in Animal Science	06.03.2018	Bioinformatics Centre, MVC
65	Dr.K.Porteen, Assistant Professor	"Genomics and Zoonoses Research"	6.03.2018 10.03.2018	Nagpur Veterinary College, MAFSU
66	Dr.P.Kumarasamy Professor and Head & Project Coordinator	Introduction to Bioinformatics	12.03.2018 16.03.2018	Bioinformatics Centre, MVC
67	Dr.T.Satheeshkumar G. Suganya Assistant Professors	Workshop on Vetinformatics	12.03.2018 16.03.2018	BTIS, MVC
68	Dr.P.Kumarasamy Professor and Head & Project Coordinator	DNA Sequencing, PCR and Primer Design	12.03.2018 16.03.2018	Bioinformatics Centre, MVC
69	P.Mathialagan	Indo – Australian colloquium on higher education	13.3.2018	CII Chennai
70	Dr. R.Gopi, Dr.T.Chandrasekar, Assistant professors	Orientation training programme for the newly recruited Assistant Professor	17.03.2018 28.03.2018	VCRI,Namakkal

71	N. Muniyappan	"Orientation Training	17.03.18	VCRI, Namakkal
/ 1	11. Muniyappan	Programme For the Newly	28.03.18	VCKI, Ivailiakkai
		Recruited Assistant Professors	20.03.10	
		of TANUVAS"		
72	Dr.K.Vijayarani	Capacity building for	06.06.2017 -	PLAFFS, TANUVAS,
	Professor and Head	NABL ISO/IEC 17025:2005	09.06.2017	Madhavaram
		accreditation		
73	T.M.A. Senthilkumar	Short term training on	19.12.2017 to	Pharmacovigilance
	Professor	"Quality management system	22.12.2017	Laboratory for Animal
		and internal audit ISO.IEC		Feed and Food
		17025:2005"		Safety, TANUVAS,
7.4	D. H. C. T.		24.10.2017.4	Chennai-51
74	Dr.K.G.Tirumurugaan Professor	Short term training on "Quality management system	24.10.2017 to 27.10.2017	Pharmacovigilance Laboratory for Animal
	Professor	and internal audit ISO.IEC	27.10.2017	Feed and Food
		17025:2005"		Safety, TANUVAS,
		17023.2003		Chennai-51
75	Dr.S.Rathnapraba	Capacity building for	06.06.2017 -	PLAFFS, TANUVAS,
	Assistant Professor	NABL ISO/IEC 17025:2005	09.06.2017	Madhavaram
		accreditation		
76	Dr.P.Raja	Short term training on	24.10.2017 to	Pharmacovigilance
	Assistant Professor	"Quality management system	27.10.2017	Laboratory for Animal
		and internal audit ISO.IEC		Feed and Food
		17025:2005"		Safety, TANUVAS,
77	CV 1	D ( C (1 ) ;	11.01.2010.4	Chennai-51
77	C.Vennila	Propogation of ethno veterinary	11.01.2018 to 12.01.2018	MVC, Chennai
_		herbal knowledge		
78	T.Ananthi	Propogation of ethno veterinary	11.01.2018 to	MVC, Chennai
		herbal knowledge	12.01.2018	
79	T.Ananthi	Orientation Training	17.03.2018 to	VC&RI, Namakkal
		Programme for newly recruited	28.03.2018	
80	A. Serma Saravana Pandian	Assistant Professors  CAFT Training on Diversified	27.10.2017 to	Namakkal
80	Assistant Professor	poultry production	16.11.2017	INamakkai
	Assistant Professor	pountry production	10.11.2017	
81	J. Shilpa Shree	"Orientation training	17.03.2018 to	VC&RI, Namakkal
	Assistant Professor	programme for newly recruited	28.03.2018	, ,
		Assistant Professors"		
82	Dr. B. Jaya Varathan	Training Workshop on	10.10.2017 to	MVC, Chennai
	Assistant Professor	Methodological framework for	13.10.2017	
		implementation of FFP		
83	G.Senthilkumar	Big Data Analytics in	08.02.2018 to	National Academy of
	Assistant Professor	Agriculture"	09.02.2018	Agricultural Research
				Management,
84	C.Balan	Orientation Training programme	17.03.2018 to	Hydrabad VCRI- Namakkal
04	Assistant Professor	for newly recruited Assistant	28.03.2018	v Cixi- ivailiakkai
	1 10100001	Professors of TANUVAS	20.03.2010	
85	K. Senthilkumar	served as Co coordinator for	05.03.2018 to	MVC, Chennai
	Dr.M.Palanivelrajan	the "Capacity building training	09.03.2018	,
		on wildlife emergencies to		
		government field veterinarians		
		serving in forest fringe areas"		
86	M.Palanivelrajan	4th International Avian	21.10.2017 to	Dr Vikram Sarabhai
		Convention. (Avian Medicine,	22.10.2017	Marg, University Area,
		Care and Management)		Ahmedabad

87	Dr. A. Natarajan,Ph.D., Professor and Head, AFAQAL.	Course completion- Laboratory Quality Systems.	30.05.2017 12.08.2017	Texas A &M University, USA & FAO, US.
88	Dr. A. Natarajan,Ph.D., Professor and Head, Dr. R.P Senthil kumar, Ph.D., Assistant Professor, and Dr. R.Kavitha, MVSc., Assistant Professor, AFAQAL.	International workshop on Augmenting animal productivity through emerging technologies to ensure food security in the era of climate change.	06.07.2017 07.07.2017	Department of Animal Nutrition, VC& RI, Namakkal.
89	Dr. R.P Senthil kumar, Ph.D., Assistant Professor, AFAQAL.	3 <sup>rd</sup> National Conference on Agricultural Scientific Tamil.	12.08.2017 13.08.2017	TNAU, Coimbatore.
90	Dr. R.P Senthilkumar, Ph.D., Assistant Professor, AFAQAL.	Short term training on Advanced method for trace level identification and estimation of agrochemicals to ensure safety of consumers	12.09.2017 21.09.2017	IARI, New Delhi.
91	Dr. A. Natarajan,Ph.D., Professor and Head, AFAQAL.	Delivered a lecture on Impact of climate change on poultry production	13.09.2017	NIANP, Bangalore.
92	Dr. A. Natarajan,Ph.D., Professor and Head and Dr. R.P Senthilkumar, Ph.D., Assistant Professor AFAQAL	Exhibition cum farmers technical workshop on the occasion of TANUVAS Foundation day and livestock and poultry farmers day.	10.11.2017	Dindigul.
93	Dr. A. Natarajan, Ph.D., Professor and Head, AFAQAL.	Attended 11 th annual review meeting on GKMS.	15.11.2017 17.11.2017	IGKV, Raipur.
94	Dr. A. Natarajan, Ph.D., Professor and Head, AFAQAL.	Delivered a lecture on Management inventions for shielding poultry sector from climate changes	28.11.2017	NIANP, Bangalore.
95	Dr. P.C.Sakthivel, Ph.D., Assistant Professor, AFAQAL.	Training programme on Ethanoveterinary Practices in Livestock and Poultry.	14.12.2017 15.12.2017	VC & RI, Namakkal.
96	Dr. R.P Senthil kumar, Ph.D., Assistant Professor, AFAQAL.	Delivered a lecture on Common adulterants of different feed ingredients used for poultry.	20.12.2017	CPPM, Hosur.
97	Dr. R.P Senthilkumar, Ph.D., Assistant Professor, AFAQAL	Training programme on Ethanoveterinary Practices in Livestock and Poultry.	27.12.2017 28.12.2017	VC & RI, Namakkal.
98	Dr. A. Natarajan, Ph.D., Professor and Head, AFAQAL.	Attended a National Symposium on Thrust areas of relevance to livestock research.	28.03.2018	National Institute of Animal Biotechnology, Hyderabad.
99	Dr.P. Gopu, Assistant Professor,	the ICAR Winter School on "Innovative approaches for Conservation and Improvement of Indigenous Bovine Genetic Resources in Modern IPR era under Changing Climate Scenario" (USO.No: 20586/ A3/2017, dated 03.10.2017, of the Registrar, TANUVAS, Chennai.)	08.11.2017 28.11.2017	NDRI Adugodi, Bengaluru

100	Dr. P. Gopu and Dr. M. Malarmathi Assistant Professor,  Dr. R. Saravanan and	The two days training program on "Ethnoveterinary Practices in Livestock and Poultry" (Lr. No:9271/Estt/C2/2017, dated 01.12.2017 and (and) as per Lr. No. 9840/Estt/C2/2017, dated 26.12.2017, of the Dean VCRI Namakkal.)	14.12.2017 15.12.2017 27.12.2017	VCRI, Namakkal.
	Dr. M. Jeyakumar Assistant Professor,		28.12.2017	
102	Dr. M. Jeyakumar Assistant Professor	"Orientation Training Programme" (USO.No: 21093/ A3/2017, L.Dis. No. 1236/ A3/2018 dated 26.02.2018, of the Registrar, TANUVAS, Chennai.)	17.03.2018 28.03.2018	VCRI, Namakkal
103	Dr. N. Murali. Professor and Head, and Dr. R. Saravanan, Assistant Professor	International Workshop on "Genomic Selection for Genetic Improvement in Indian Dairy Animals" [No: 20808/A3/2017 and 20809/A3/2017, dated: 16.11.2017 of the Registrar, TANUVAS, Chennai]	28.11.2017 29.11.2017	BAIF Development Research Foundation, Warje, Pune
104	Dr. P. Gopu and Dr. M. Malarmathi Assistant Professor,	The two days training program on "Ethnoveterinary Practices in Livestock and Poultry"	14.12.2017 15.12.2017	VCRI, Namakkal.
105	Dr. R. Saravanan and Dr. M. Jeyakumar Assistant Professor,	(Lr. No:9271/Estt/C2/2017, dated 01.12.2017 and (and) as per Lr. No. 9840/Estt/C2/2017, dated 26.12.2017, of the Dean VCRI Namakkal.)	27.12.2017 28.12.2017	
106	Dr. M. Jeyakumar Assistant Professor	"Orientation Training Programme" (USO.No: 21093/ A3/2017, L.Dis. No. 1236/ A3/2018 dated 26.02.2018, of the Registrar, TANUVAS, Chennai.)	17.03.2018 28.03.2018	VCRI, Namakkal
107	Dr. N. Murali. Professor and Head, and Dr. R. Saravanan, Assistant Professor	International Workshop on "Genomic Selection for Genetic Improvement in Indian Dairy Animals" [No: 20808/A3/2017 and 20809/A3/2017, dated: 16.11.2017 of the Registrar, TANUVAS, Chennai]	28.11.2017 29.11.2017	BAIF Development Research Foundation, Warje, Pune
108	K.Balasundaram	12 <sup>th</sup> international conference on recent innovations in science, engineering and management	17.02.2018	Sri venkateswara college of engineering & Technology, Etcherla, Srikakulam, A.P
109	K.Balasundaram	International conference on advances in agriculture and allied science technologies for sustainable development	10.02.2018 to 11.02.2018	Prof.G. Ram reddy centre for distance education, osmania university, Hyderabad

110	K.Balasundaram	11th international conference on researches in science, technology and management	11.03.2018	Osmania university centre for international program, osmania university campus, Hyderabad.
111	R. Chitra	ICAR sponsored short course on "Uplifment of the socio-economic status and nutritional security in highlander through implementation of scientific interventions in animal husbandry practices"	20-07-2017 29-07-2017	ICAR-National Research Centre on Yak (NRCYAK), Dirang - 790101, West Kameng District, Arunachal Pradesh.
112	Dr.T.Sathyabama Assistant Professor	Fro ICAR sponsored Summer School training programme on: Livestock welfare under changing climate scenario for improved productivity	07/07/2017 27/07/2017	Indian Veterinary Research Institute, Izatnagar
		SIF Scheme - Ethnoveterinary Herbal Product R&D Centre training programme on "Ethnoveterinary Practises in livestock and poultry" from	14/12/2017 15/12/2017	Veterinary College and Research Institute, Namakkal
		26th Annual conference and national symposium on Physiological innovations to Forecast the Impact of Climate Change and Evolve Strategies for Sustainable Livestock Production"	21/12/2017 22/12/2017	KVAFSU, Bidar- Karnatak
113	Dr.P.Vasan, Professor	All India Study Tour	08.10.17 to 30.10.17	All over India
114	Dr.P.Vasan, Professor	III <sup>rd</sup> National Tamil conference	12.08.2017 to 13.08.2017	TNAU, Coimbatore
115	Dr. C.Kathirvelan, Assistant Professor	CPCSEA training	25.05.2017 to 26.05.2017	New Delhi
116	MAITRI Training on "Artificial Insemination in cows"	Dept. of VGO, VCRI, Nkl	24.04.2017 to 23.05.2018 30 days	TNLDA
117	International Clinical Workshop on "Advances in clinical practices of large and small animals"	VCRI, Nkl	Two days (22 <sup>nd</sup> & 23 <sup>rd</sup> June 2017)	TANUVAS
118	MAITRI Training on "Artificial Insemination in cows"	Dept. of VGO, VCRI, Nkl	16.08.2017 to 15.09.2017 30 days	TNLDA
119	MAITRI Training on "Artificial Insemination in cows"	Dept. of VGO, VCRI, Nkl	04.12.2017 to 02.01.2018 30 days	TNLDA
120	Refresher training on "Recent advances in bovine breeding and disease management" (Batch I)	Dept. of VGO, VCRI, Nkl	Feb 13 to 15, 2018	TNLDA
121	Refresher training on "Recent advances in bovine breeding and disease management" (Batch II)	Dept. of VGO, VCRI, Nkl	Feb 19 to 21, 2018	TNLDA

122	Defrecher training on "Decent	Dept of VCO VCDI NIsl	Eab 26 to 20	TNLDA
122	Refresher training on "Recent advances in bovine breeding and disease management"	Dept. of VGO, VCRI, Nkl	Feb 26 to 28, 2018	INLDA
	(Batch III)			
123	MAITRI Training on "Artificial Insemination in cows"	Dept. of VGO, VCRI, Nkl	26.02.2018 to 27.03.2018	TNLDA
124	M. Selvaraju	XXXIII Annual Convention	09.02.18	Institute of Animal
124	Professor and Head	of the Indian Society for the Study of Animal Reproduction	11.02.18	Health & Veterinary Biologicals, Belgachia
125	K.Ravikumar Assistant Professor	(ISSAR) on "Use of Reproductive Technologies and Production Improvement		Road, Kolkata
126	S. Prakash Graduate Assistant	in Livestock Species Aiming to Socioeconomic Development of Rural Mass" held at Kolkata.		
127	Dr. N. Karthikeyan	Summer school - 21 days	06.09.2017 to 26.09.2017.	
128	Dr.N. Karthikeyan,	Ethno-veterinary Practices in	14.12.17 -	
	Dr.A. Poorani Dr.R. Ilavarasan	Livestock and Poultry	15.12.17	
129	Dr.R.Ilavarasan,	Orientation training programme for the newly recruited assistant professors	17.03.2018 to 28.03.2018.	
130	Dr. M.Muthulakshmi, Assistant professor,	"Prospects of diversified poultry and its impact in enhancing the rural economy"	08.11.2017 to 28.11.2017 (21 days)	Centre of Advanced Faculty Training in Avian Sciences, Veterinary College and Research Institute, Namakkal
131	Dr. M.Muthulakshmi, Assistant professor,	"Ethnoveterinary Practices in Livestock and Poultry"	14.12.2017 and 15.12.2017	Department of Veterinary Pharmacology and Toxicology,
132	Dr.S.Banupriya Assistant professor,	Orientation training programme for the Newly recruited assistant	17.03.2018 to 28.03.2018	Veterinary College and Research Institute,
		professors of TANUVAS	( 10 days )	Namakkal
133	Dr. N. Babu Prasath	Training on Innovative techniques for preparation and presentation of museum specimens in educational institutions	26.07.17 28.07.17	Department of Veterinary Anatomy, VCRI, Orathanadu
134	Dr. N. Babu Prasath	Recent approaches in Clinico- pathological Diagnosis of Animal Diseases	17.11.17 07.12.17	College of Veterinary Sciences, GADVASU, Ludhiana, Punjab
135	Dr.R.Ravi kumar	National workshop on Recent perspectives in veterinary forensics	20.11.17 22.11.17	PLAFFS, MVC, Chennai-07.
136	Dr. M. Sasikala	Propagation of traditional herbal knowledge in veterinary practices	11.12.17 12.12.17	Department of Veterinary Pharmacology and Toxicology, VCRI, Orathanadu
137	Dr. R. Nithiaselvi	State Innovation Fund Scheme- EVHP R&D Centre- Propagation of traditional herbal knowledge in veterinary practices	22.11.17 23.11.17	VCRI, Orathanadu

138	Dr. A. Punnagaiarasi	State Innovation Fund Scheme- EVHP R&D Centre- Propagation of traditional herbal knowledge in veterinary practices	22.11.17 23.11.17	VCRI, Orathanadu
139	Dr T Vasanthakumar	State Innovation Fund Scheme- EVHP R&D Centre- Propagation of traditional herbal knowledge in veterinary practices	11.12.17 12.12.17	VCRI, Orathanadu
140	Dr. A. Singaravadivelan	State Innovation Fund Scheme- EVHP R&D Centre- Propagation of traditional herbal knowledge in veterinary practices	11.12.17 12.12.17	VCRI, Orathanadu
141	Dr. P. Vijayakumar	State Innovation Fund Scheme- EVHP R&D Centre- Propagation of traditional herbal knowledge in veterinary practices	11.12.17 12.12.17	VCRI, Orathanadu
142	Dr. M. Palanivel	State Innovation Fund Scheme- EVHP R&D Centre- Propagation of traditional herbal knowledge in veterinary practices	11.12.17 12.12.17	VCRI, Orathanadu
143	Dr. T. Vasanthakumar	Twenty one days training programme on Advances in Poultry Production and its impact on changing global scenario at CAFT in Avian Sciences.	07.02.18 27.02.18	VCRI, Namakkal.
144	Dr. A. Singaravadivelan	Orientation training programme for the newly recruited Assistant Professor of TANUVAS	05.03.18 15.03.18	MVC, Chennai
145	Dr. A. Punnagaiarasi	Orientation training programme for the newly recruited Assistant Professor of TANUVAS	17.03.18 28.03.18	VCRI, Namakkal
146	Dr. G. H. Hudson	Orientation training programme for the newly recruited Assistant Professor of TANUVAS	17.03.18 28.03.18	VCRI, Namakkal
147	Dr. V. Boopathi	Propagation of Ethno Veterinary Herbal Knowledge	11.12.17 12.12.17	VCRI, Orathanadu
148	Dr. M. Arul Prakash	Propagation of Ethno Veterinary Herbal Knowledge	22.11.17 23.11.17	VCRI, Orathanadu
149	Dr. A. Singaravadivelan	Propagation of Ethno Veterinary Herbal Knowledge	22.11.17 23.11.17	VCRI, Orathanadu
150	Dr. G.H. Hudson	Propagation of Ethno Veterinary Herbal Knowledge	11.12.17 12.12.17	VCRI, Orathanadu
151	Dr. Arul Prakash	Orientation Training Programme for Newly Recruited Assistant Professors of TANUVAS	17.03.18 28.03.18	VCRI, Namakkal

Dr.G.Rajarajan,  ICAR Summer school of "Recent advances in subsevaporation and spray technologies for process"	n 06.09.17 Dairy	
	1	Science College, al, Bangalore.
technologies for process		
value addition to Milk, I		
and Fruit products" (21		
153 Dr. S.Sureshkumar Training program on		nal Research
"Entrepreneurship devel	-	e on Meat,
in meat value chain: A d	1 1 2	abad
sustainable animal produ		
and employment general		
154 Dr.B.Karthik, Orientation Training		, Namakkal
Programme for the New		
Recruited Assistant Prof	essors	
of TANUVAS		
155 Dr. V. Sasikala Third National		ultural Scientific
Agricultural Scientific		Society, New
Tamil Conference	Delhi	
156 Dr. V. Sasikala Propagation of Tradition		, Orathanadu,
Herbal Knowledge in Ve	terinary 23.11.17 TANI	I scheme (SIF)
Practices		
157 Dr. K. M. Sakthivel Propagation of Tradition		, Orathanadu,
Herbal Knowledge in Ve	terinary 22.12.17 TANI	I scheme (SIF)
Practices		
158 Dr. K. M. Sakthivel Communication and		RM, Hyderabad
management competenc		
enhancement for extensi	on	
professionals		
159 Dr. K. M. Sakthivel Climate change, Enviro		arts college,
and agricultural develop	ment   14.07.17   Dindu	gual
-2017	11 21 22 22 2	
160 Dr.A.Kumaravel National symposium of		neswar
acconsting of veterinary	odissa	
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166	Dr.R.Manickam	Training programme on	11.12.17	VCRI, Orathanadu
		'Propagation of traditional herbal knowledge in Veterinary practices' under SIF scheme for TANUVAS faculties	12.12.17	
167	Dr.P.Ponnusamy	Training programme on 'Propagation of traditional herbal knowledge in Veterinary practices' under SIF scheme for TANUVAS faculties	22.11.17 23.11.17	VCRI, Orathanadu
168	Dr.B.Puvarajan	ICAR-Short course on Molecular Tools in Epidemiology of Infectious diseases	06.11.17 15.11.17	College of Veterinary Science and Animal Husbandry, DUVASU, Mathura, Uttar Pradesh
169	Dr.P.Ponnusamy	National symposium on Innovations in Animal Health- Current Challenges and Future Prospectives.	29.01.18 31.01.18	College of Veterinary Science, Tirupati
170	Dr.B.Puvarajan	National symposium on Innovations in Animal Health- Current Challenges and Future Prospectives.	29.01.18 31.01.18	College of Veterinary Science, Tirupati
171	Dr.K.Jayalakshmi	CAFT training on Advanced Imaging and Interventional Protocols in Disease Diagnosis and Management in Farm and Pet Animal Practice	04.07.2017 24.07.17	MVC, Chennai
172	Dr.S.Yogeshpriya	CAFT National Training Programme on 'Updates on Clinical Diagnostic Techniques in Veterinary Practice'	01.02.18 21.02.18	MVC, Chennai
173	Dr.S.Yogeshpriya	Orientation Training programme	17.03.18 28.03.18	VCRI, Namakkal
174	Dr.M.Venkatesan		17.03.18 28.03.18	VCRI, Namakkal
175	Dr.B.Dhivya	"Update on Vector and Vector- borne Diseases"	14.11.17 04.12.17	KVAFSU, Hebbal.
176	Dr.M.K. Vijayasarathi	"Propagation of Traditional Herbal knowledge in Veterinary Practices to TANUVAS faculties	22.11.17 23.11.17	PI, State Innovation Fund, VCRI, OND
177	Dr.B.Dhivya		11.12.17 12.12.17	PI, State Innovation Fund, VCRI, OND
178	Dr.N.Jeyathilakan	XXVII NCVP and International Symposium On "Technologies for sustainable parasite control and readdressal of detection methods directed for upliftment of rural economy	12.02.18 14.02.18	Navania, Udaipur (RAJUVAS) Rajasthan
179	Dr.M.K. Vijayasarathi	Orientation Training Programme for the newly recruited Assistant professors of TANUVAS	17.03.18 28.03.18	VC&RI, Namakkal

180	Dr.S. Eswari	FELASA Accredidated course on "Lab Animal Science"	13.09.17 23.09.17	Lab Animal Medicine, DCAHS, Chennai
181	Dr. Guru D V Pandiyan	Training on Web Based Educational content management	04.10.17 13.10.17	NAARM, HyderabadTelangana
182	Dr.S.Eswari	EAT module and mapping of schemes in TANUVAS	07.11.17 08.11.17	Directorate of Research, TANUVAS, Chennai
183	Dr. S.Murugavel	Winter school on "Innovative Approaches for Conservation and Improvement of Indigenous Bovine Genetic Resources in Modern IPR era under changing climate scenario"	08.11.17 28.11.17	SRS, NDRI- Bangalore
184	Dr.T.C. Balamurugan	SIF sponsored Training programme on "Propagation of Ethno Veterinary Herbal Knowledge"	11.12.17 12.12.17	Dept.of Pharmacology & Toxicology, VC& RI, Orathanadu
185	Dr. Guru D V Pandiyan	Workshop on Technology enhanced learning in agricultural education	11.12.17 -	AHSCA, MVC, Chennai
186	Dr. S. Murugavel	SIF sponsored Training programme on "Propagation of Ethno Veterinary Herbal Knowledge"	11.12.17 12.12.17	Dept.of Pharmacology & Toxicology, VC& RI, Orathanadu
187	Dr.S.Eswari	XXVI Annual Conference of Society of Animal Physiologists of India (SAPI) and National Symposium	21.12.17 22.12.17	Veterinary College, Nandi Nagar Karnataka Veterinary, Animal and Fisheries Sciences University, Bidar-585401
188	Dr. T.C.Balamurugan	XXVI Annual conference of Society of Animal Physiologists of India (SAPI) and National Symposium on Physiological Innovations to Forecast the Impact of Climate change and to evolve strategies for Sustainable Livestock Production	21.12.17 22.12.17	KVAFSU, Bidar
189	Dr. Guru D V Pandiyan	XXVI Annual Conference of Society of Animal Physiologists of India (SAPI) and National Symposium	21.12.17 22.12.17	Veterinary College, Nandi Nagar Karnataka Veterinary, Animal and Fisheries Sciences University, Bidar-585401
190	Dr.S.Balakrishnan	International Conference on "Facing Challenges Together for Sustainable Livestock and Poultry Health - A local initiative for global solutions	20.07.17 21.07.17	VCRI, Namakkal
191	Dr.S.Balakrishnan	Third National Conference on Agricultural Scientific Tamil Society	12.08.17 13.08.17	Tamil Nadu Agricultural University, Coimbatore

102	Dr.S.Balakrishnan	XV Annual Conference of	11.10.17	Sri Venkateshwara
192	Dr.s.Baiakrishnan	IAVPHS and nation symposium on "Intersectoral approaches to combat zoonoses strategies and	13.10.17	Veterinary University, Tirupati
		challenges		
193	Dr.A.Sangeetha	Training on propagation of Ethno veterinary Herbal Knowledge	22.11.17 23.11.17	VCRI, Orathanadu
194	Dr.M. Dhanalakshmi	Training on propagation of Ethno veterinary Herbal Knowledge	22.11.17 23.11.17	VCRI, Orathanadu
195	Dr.A.Sangeetha	Orientation programme for newly recruited Assistant Professors of TANUVAS	17.03.18 28.03.18	VCRI, Namakkal
196	Dr.P. Senthil Kumar	National Conference on Phytochemicals in medicinal plants and food	01.02.18	Dept of Biochemistry, Bharathidasan University Constituent College for Women, Orathanadu-614 625
197	Dr.A.Elamaran	Propagation of ethnoveterinary Herbal knowledge	22.11.17 23.11.17	Dept. of Veterinary Pharmacology and Toxicology, VCRI, Orathanadu.
198	Dr.A.Elamaran	Orientation training programme for the newly recruited Assistant professors of TANUVAS	05.03.18 14.03.18	MVC,Chennai.
199	Dr.M.Vijayakumar	Clinical case conference	3.8.2017 4.8.2017	MVC,Chennai
200	Dr.M.Vijayakumar	Propagation of traditional herbal knowledge in veterinary practices	22.11.17- 23.11.17	VCRI, Orathanadu
201	Dr.P.Tamilmahan,	Propagation of traditional herbal knowledge in veterinary practices	11.12.17 12.12.17	VCRI, Orathanadu
202	Dr.P.Jayaganthan	Innovative techniques for preparation and presentation of museum specimen in educational institutions	26.07.2017 28.07.2017	Department of Veterinary Anatomy, VCRI, Orathanadu
203	Dr.S.Raja	Innovative techniques for preparation and presentation of museum specimen in educational institutions	26.07.17 28.07.17	Department of Veterinary Anatomy, VCRI, Orathanadu
204	Dr. R. Rajkumar	3 <sup>rd</sup> National TAMIL Conference	12.08.17 13.08.17	TNAU Coimbatore
205	Dr. S. Raja	CAFT Training programme on "Selection of superior sires, pre-breeding evaluation, quality semen production and fertility optimization in dairy animals, an update	24.10.17 13.11.17	GADVASU, Ludhiana, PUNJAB
206	Dr. V. Prabahran	Propagation of herbal knowledge in veterinary practices	22.11.17 23.11.17	VCRI, Orathanadu
207	Dr. R. Rajkumar	Propagation of herbal knowledge in veterinary practices	22.11.17 23.11.17	VCRI, Orathanadu

208	Dr. P. Jayaganthan	Propagation of herbal knowledge in veterinary practices	11.12.2017 12.12.2017	VCRI, Orathanadu
209	Dr. S Raja	Propagation of herbal knowledge in veterinary practices	11.12.17 12.12.17	VCRI, Orathanadu
210	Dr. M. Palanisamy	XXXIII Annual convention and national symposium on use of reproductive technologies and production in livestock species aiming to socio economic development of rural mass	09.02.18 11.02.18	Dept of VGO, Veterinary College, Kolkatta
211	Dr. V. Prabahran	XXXIII Annual convention and national symposium on use of reproductive technologies and production in livestock species aiming to socio economic development of rural mass	09.02.18 11.02.18	Dept of VGO, Veterinary College, Kolkatta
212	Dr. M. Seevagan	ICAR sponsored winter school on 'Omic technologies and modern breeding approaches for conservation and productivity enhancement of indigenous cattle resources'	01.11.2017 to 21.11.2017	ICAR-Central Institute for Research on Cattle, Meerut
213	Dr. R. Selvam	Winter School training programme on "Innovative Approaches for Conservation and Improvement of Indigenous Bovine Genetic Resources in Modern IPR era under changing climate scenario	08.11.2017 to 28.11.2017	Southern Regional Station, NDRI, Bengaluru
214	Dr.M.Chellapandian Professor & Head	National workshop on "Augmenting Animal Productivity Through Emerging Technologies to Ensure Food Security in the Era of Climate Change"	2 days- 06.07.2017 & 07.07.2017	VCRI, Namakkal
215	Dr.N.Arulnathan Assistant professor	National workshop on "Augmenting Animal Productivity Through Emerging Technologies to Ensure Food Security in the Era of Climate Change"	2 days- 06.07.2017 & 07.07.2017	VCRI, Namakkal
216	Dr.D.Thirumeignanam Assistant professor	National workshop on "Augmenting Animal Productivity Through Emerging Technologies to Ensure Food Security in the Era of Climate Change"	2 days- 06.07.2017 & 07.07.2017	VCRI, Namakkal
217	Dr.N.Arulnathan Assistant professor	Third Tamil National Conference on "Tamilal Iyalum Velaan Ariviyal" at TNAU, Coimbatore	2 days- 12.08.2017 & 13.08.2017	TNAU, Coimbatore,
218	Dr.D.Thirumeignanam Assistant professor	Third Tamil National Conference on "Tamilal Iyalum Velaan Ariviyal" at TNAU, Coimbatore	2 days- 12.08.2017 & 13.08.2017	TNAU, Coimbatore,

219	Dr.N.Arulnathan Assistant professor	CAFT training on Livestock and Climate change: Contributory key factors and practical strategies for Amelioration organised by ICAR-NIANP	21 days- 01.09.2017 to 21.09.2017	NIANP, Banagalore from
220	Dr.N.Arulnathan Assistant professor	One day Training programme on Advanced feed milling	One day- 26.09.2017	Department of Animal Nutrition, VCRI, Namakkal,
221	Dr.D.Thirumeignanam Assistant professor	One day Training programme on Advanced feed milling	One day- 26.09.2017	Department of Animal Nutrition, VCRI, Namakkal,
222	Dr.M.Chellapandian Professor & Head	Training programme on Expenditure Advance and Transfer Module (EAT)	2 days- 06.11.2017 & 07.11.2017	MVC, Chennai
223	Dr.D.Thirumeignanam Assistant professor	National Seminar on "small Ruminants: National scope on up-scaling production to products value addition and their safety"	09.11.2017 & 10.11.2017 Two days	ICAR-CIRG Mathura
224	Dr.D.Thirumeignanam Assistant professor	Training on Accounting Software System	20.11.2017 and 21.11.2017	VCRI, Tirunelveli
225	Dr.D.Thirumeignanam Assistant professor	International Conference on Molecular Spectroscopy	8 - 10th December, 2017-Three days	Mahatma Gandhi University Kottayam, Kerala
226	Dr.D.Thirumeignanam Assistant professor	Training for TANUVAS Faculty members on Ethno veterinary medicine	20.12.2017 &21.12.2017	VCRI Tirunelveli
227	Dr.M.P.Vijayakumar Assistant professor	Training for TANUVAS Faculty members on Ethno veterinary medicine	20.12.2017 &21.12.2017	VCRI Tirunelveli
228	Dr.D.Thirumeignanam Assistant professor	CAFT Training programme on "Advances in poultry production and its impact on changing global scenario"	21 days from 07.02.2018 to 27.02.2018	Centre of Advanced Faculty Training in Avian Sciences, Dept. of Poultry Science, VCRI, Namakkal
229	Dr.M.P.Vijayakumar Assistant professor	Orientation Training programme for newly recruited assistant professors of TANUVAS	10 days from 17.03.2018 to 28.03.2018	VCRI, Namakkal
230	S.A.Sivakumar	Orientation Training Programme for newly recruited Assistant professor	05/03/2018 to 15/03/2018	Madras Veterinary College, Chennai,
231	S. Rajathi	Workshop on Information Retrieval system	12/12/2017	Madras Veterinary College, Chennai
232	T. Lakshmi Prasanth	Study tour to Kudangulam Nuclear Plant	15-04-2017	Kudangulam, Tirunelveli
233	M. Sundara Vinayaki and K. Ramesh	Study tour to Meteorological Centre, Trivandrum	02.07.2017	Trivandrum, Kerala
234	M. Sundara Vinayaki	Training on Accounting Software System	20.11.2017 to 21.11.2017	VCRI, Tirunelveli
235	G. Rajesh	Training on Accounting Software System	20.11.2017 to 21.11.2017	VCRI, Tirunelveli

236	M. Sundara Vinayaki	XXVI Annual Conference of SAPI and National Symposium on "*Physiological Innovations to Forecast the Impact of Climate Change and to Evolve Strategies for Sustainable Livestock Production"	21.12.2017 to 22.12.2017	Bidar Veterinary College, Karnataka
237	G. Rajesh	"Orientation Training programme for the newly recruited Assistant Professors"- Batch II	17.03.2018 to 28.03.2018	VCRI, Namakkal
238	T. Lakshmi Prasanth	Two days SIF Scheme training for faculty members on Ethno Veterinary Herbal Product	20.12.2017 & 21.12.2017 at	VCRI, Tirunelveli
239	G. Rajesh	Two days SIF Scheme training for faculty members on Ethno Veterinary Herbal Product	20.12.2017 & 21.12.2017 at	VCRI, Tirunelveli
240	Dr.S.Vasantha Kumar Assistant Professor	9 <sup>th</sup> Kerala Veterinary Science Congress	11/11/2017 and 12/11/2017	Kochin, Kerela
241	Dr.M.Sathiyabarathi Assistant Professor	9 <sup>th</sup> Kerala Veterinary Science Congress	11/11/2017 and 12/11/2017	Kochin, Kerela
242	Dr.M.Sathiyabarathi Assistant Professor	Training programme on Accounting software	20/11/17 & 21/11/17	VCRI, Tirunelveli
243	Dr.M.Sathiyabarathi Assistant Professor	Training programme on Ethnoveterinary Medicine	20/12/17 & 21/12/17	VCRI, Tirunelveli
244	Dr.M.Sathiyabarathi Assistant Professor	Orientation Training programme for newly recruited Assistant Professors	17/03/18 to 28/03/18	VCRI, Namakkal
245	Dr.M.Sutha	Training for TANUVAS faculty members on Ethno-veterinary Medicine	20.12.2017- 21.12.2017	Dept. of Veterinary Pharmacology and Toxicology, VCRI, Tirunelveli
246	Dr.C.Pandiyan	International Conference on Omics Technologies in Nutritional Research- OTNR- 2018	10.01.2018 to 11.01.2018	D.K.M College for Women, Vellore, Tamilnadu
247	Dr.S.Senthilkumar Assistant Professor & Head	Entrepreneurship Development Institute and Innovation Nodal Hub initiated by EDI Government of Tamil Nadu	One day / 12.05.2017	Anna University Regional Campus, Tirunelveli
248	Dr.S.Senthilkumar Assistant Professor & Head	Presented research paper for evaluation meeting on "Demonstration of Technological Interventions in Native Chicken Farming to empower the Rural Women of Tirunelveli District "	One day / 09.06.2017	Directorate of Technical Education Campus, Chennai
249	Dr.S.Senthilkumar Assistant Professor	Training programme on 'Web based educational content management'	10 days / 04.10.2017 to 13.10.2017	NAARM, Hyderabad
250	Dr.S.Senthilkumar Assistant Professor	Think-tank workshop on Smart Tirunelveli	one day / 21.10.17	Anna University Regional Campus, Tirunelveli

251	Dr.S.Senthilkumar Assistant Professor	Accounting Software System	2 days / 20.11.2017 & 21.11.2017	VCRI, Tirunelveli
252	Dr.S.Senthilkumar Assistant Professor	Workshop under ICAR- NAARM Project on "Technology Enhanced learning in Agricultural Education" (TELAgE)	1 day / 11.12.2017	Madras Veterinary College, Chennai
253	Dr.A.V.Gensis Inigo Assistant Professor	Training Programme on "Ethno- Veterinary Medicine" (Batch I)	2 days / 20.12.2017 and 21.12.2017	VCRI, Tirunelveli
254	Dr. R.Sangameswaran Assistant Professor	Training Programme on "Ethno- Veterinary Medicine" (Batch I)	2 days / 20.12.2017 and 21.12.2017	VCRI, Tirunelveli
255	Dr.R.Sangameswaran Assistant Professor	Orientation Training Programme for the newly recruited Assistant Professors	10 days 17.03.2018 to 28.03.2018	VCRI, Namakkal
256	Dr.S. Parthiban Assistant professor	Sakura Science Plan Project on "Infectious diseases and diagnostics"	20.08.2017 to 29.08.2017	Azabu University, Japan
257	Dr. J. Johnson Rajeswar, Professor and Head	Exhibition cum Farmers technical workshop on the occasion of TANUVAS foundation day	10.11.2017	Dindugal
258	Dr. M. Prabhu Assistant Professor	Training programme on "Accounting Software system"	20.11.2017 to 21.11.2017,	VCRI, Tirunelveli
259	Dr. M. Prabhu Assistant Professor	Training programme for TANUVAS faculty members on Ethanoveterinary Medicine.	20.12.2017 21.12.2017	VCRI, Tirunelveli
260	Dr.N.Sweetline Anne Assistant Professor			
261	Dr. S.Parthiban Assistant Professor	International conference on Antimicrobial Resistance (ICAR 2018)	19.01.2018 to 20.01.2018	Sastra University, Thanjavur
262	Dr. N. Sweetline Anne Assistant Professor	International conference on Antimicrobial Resistance (ICAR 2018)	19.01.2018 to 20.01.2018	Sastra University, Thanjavur
263	Dr M.Prabhu Assistant Professor	National Symposium on Innovations in animal Health- Current Challenges-IAVMI (2018)	29.01.2018 to 31.01.2018	SVVU, Tirupati
264	Dr. N. Sweetline Anne Assistant Professor	Attended 10 days "Orientation training programme" for the newly recruited Assistant Professors of TANUVAS	17.03.2018 to 28.03.2018	VCRI, Namakkal
265	Dr.R.Sridhar, Professor and Head	Recent Perspectives in Veterinary Forensics	20.11.2017 to 22.11.2017	PLAFFS, MMC, Chennai-51
266	Dr.R.Sridhar, Professor and Head	"Emerging Horizons in Diagnosis of Animal and Poultry Diseases-Towards Sustainable Production in Asian Countries"	09.11.17 to 11.11.17	Veterinary College, Hebbal, Bengaluru.

267	Dr. Dr.K.Gopal Assistant Professor	An Update On Vector and Vector Borne Parasitic Diseases"	14.11.2017 to 04.12.2017	Veterinary College, Hebbal, Bengaluru
268	Dr.R.Sridhar, Professor and Head	Marine Mammal Research and Conservation Meeting	11.12.2017 to 12.12.2017	NCBS Bangalore
269	Dr.V.Kumar Assistant Professor	Ethno veterinary medicine training	20.12.2017- 21.12.2017	VCRI, TNI
270	K.Kanagarajadurai	One day workshop on "General awareness and propagation of Extra Mural Research (EMR) scheme of Ministry of AYUSH.	21.04.2017	Convention cum cultural centre, Pondicherry University, Puducherry.
271	K.Kanagarajadurai	Golden Jubilee International Conference of Indian Pharmacological Society, Southern Region (SRIPSCON -2017)	04.07.2017 & 05.07.2017	Mahatma Gandhi Medical College and Research Institute, Pondicherry
272	V.Suresh Kumar	3 <sup>rd</sup> National Conference on Agricultural Scientific Tamil	12.08.2017 to 13.08.2017	TNAU, Coimbatore.
273	V.Suresh Kumar	Action plan appraisal meeting of the State Innovation Fund Scheme (SIF) on Ethnoveterinary Herbal Product Research and Development Centre	17.08.2017	Dept. of Vet. Pharmacology and Toxicology, VCRI, Orathanadu.
274	K.Kanagarajadurai	Training programme on "Certificate course in Laboratory Animal Sciences".	From 13.09.2017 To 23.09.2017	LAM, TANUVAS, Chennai – 51.
275	V.Suresh Kumar	Students admission committee B.V.Sc. & A.H., 2017-18 batch, Admission and Orientation Programme	11.10.2017	VCRI, TNI.
276	K.Kanagarajadurai	Students admission committee - Hostel B.V.Sc. & A.H., 2017-18 batch, Admission and Orientation Programme	11.10.2017.	VCRI, TNI.
277	V.Ramakrishnan	Training on Accounting Software System	20.11.2017 to 21.12.2017	VCRI, Tirunelveli
278	V.Suresh Kumar	9th Kerala Veterinary Science Congress	11.11.2017 to 12.11.2017	Cochin
279	V.Suresh Kumar	National Workshop on "Recent Perspectives in Veterinary Forensics"	20.11.2017 to 22.11.2017	MVC, Chennai
280	A.Arivuchelvan	Indian Society of Veterinary Pharmacology and Toxicology and National Symposium on "Combating Antimicrobial Resistance".	Date: 20-22 Dec-2017	Dept. of VPT, Hissar, Hariyana.
281	V.Ramakrishnan	Indian Society of Veterinary Pharmacology and Toxicology and National Symposium on "Combating Antimicrobial Resistance".	Date: 20-22 Dec-2017	Dept. of VPT, Hissar, Hariyana.

202	V.Sureshkumar	Daview meeting on	02 02 2019	VCDI OND
282	v.Suresnkumar	Review meeting on	02-03-2018	VCRI, OND,
		'Ethnoveterinary Herbal		Thanjavur
		Product Research and		
		Development Centre"		
283	V.Ramakrishnan	Review meeting on	02-03-2018	VCRI, OND,
		'Ethnoveterinary Herbal		Thanjavur
		Product Research and		
		Development Centre"		
284	S Rajagunalan	Microbial genomics and		Hissar
	3 0	proteomics in Diagnosis and	07.11.2017 to	
		control of diseases of veterinary	27.11.2017	
		importance		
		CAFT training programme		
285	Dr A Sundar	Training programme for	2 days	VCRI,TNI
200	Difficultural	TANUVAS faculty on Ethno	20.12.2017 &	V Cru, T VI
		veterinary medicine on	21.12.2017	
		21.12.2017	21.12.2017	
286	Dr.A.Sundar,	Orientation Training	Batch	MVC, Chennai
200	Di.A.Sulidai,	Programme	I (05.03.2018 -	Wive, Chemiai
		Frogramme	`	
207	D A C 1 0	T 4 1 41 1 11	15.03.2018)	DIIC IIII: 1 "
287	Dr.A.Sundar &	To study the probable	10.08.2017	PHC, Ukkirankottai
	Dr S. Rajagunalan	relationship between human		
		disease condition and animal		
		disease in that area(III year		
		2014-150Batch)		
288	Dr S. Rajagunalan,	Solid Waste Management site	19.01.2018	Sewage Treatment
	Dr.A.Sundar	and Sewage Treatment Plant at	,	Plant at Ramyanpatti
		Ramyanpatti as a part of course		
		VPE 511 (Environment and		
		environment hygiene- 2012-		
		2013 batch		
		Final year 40 students)		
289	Dr.S.Sueshkannan	Tirunelveli District Co-	22.03.2018	Tirunelveli District
	Dr S. Rajagunalan	operative Milk Producing Union		Co-operative Milk
		(TDCMPU)( 2015-2016 batch		Producing Union
		Third year 54 students)		
290	Dr.U.Lakshmikantan	Upstream reproductive	01.09.2017 to	Division of Physiology
		technologies for augmentation	21.09.2017	and Climatology IVRI,
		of livestock production		Bareilly
291	Dr.A.Ganesan	Training programme for	20.12.2017 to	VCRI, Tirunelveli
		TANUVAS faculty members on	21.12.2017	,,
		Ethnoveterinary Medicine	21.12.2017	
292	Dr.P.A.Enbavelan,	Dog Show –Saral Vizha	02.08.2017	Courtallam,
2)2	Assistant Professor	Dog Show —Sarar Vizna	02.00.2017	Tirunelveli
293	Dr.R.C.Sundara Rajan,	Dog Show –Saral Vizha	02.08.2017	Courtallam,
	Assistant Professor			Tirunelveli
294	Dr.E.Venkatesa kumar,	Agriculture Tamil Science	12.08.2017	Coimbatore
	Assistant Professor	Conference	12.00.2017	
20.5			26.00.0017	IGAR GAET
295	Dr.E.Venkatesa kumar,	Winter School, Recent	26.09.2017 to	ICAR-CAFT-
	Assistant Professor	Approaches in animal disease	16.10.2017	Ludhiana, Punjab
		diagnostics and Vaccinology		
296	Dr.P.A.Enbavelan,	Training for TANUVAS faculty	20.12.2017 to	VCRI, Tirunelveli
	Assistant Professor,	on Ethanoveterinary Medicine	21.12.2017	
297	Dr.E.Venkatesa kumar,	Training for TANUVAS faculty	20.12.2017 to	VCRI, Tirunelveli
-//	Assistant Professor	on Ethanoveterinary Medicine	21.12.2017	, Citi, Illulioivoli
	2 15515tuiit 1 10105501	on Dinanovetermary wiedicine	21.12.201/	
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298	Dr.R.C.Sundara Rajan Assistant Professor	Orientation Programme for the newly joined Assistant Professors	17.03.2018 to 28.03.2018	VCRI, Nammakkal
299	Dr. A.R. Ninu	CAFT	30.08.2017- 21.09. 2017	GADUVASU Ludhina, Punjab
300	Dr. S. Dharmaceelan	41st Annual Congress of Indian Society for Veterinary Surgery and National Symposium	14-16 Dec 2017	College of Veterinary Science, Sri Venkateswara Veterinary University Tirupati
301	Dr.A.R. Ninu	41st Annual Congress of Indian Society for Veterinary Surgery and National Symposium	14-16 Dec 2017	College of Veterinary Science, Sri Venkateswara Veterinary University Tirupati
302	Dr.A.R. Ninu	Trainning on Etho veterinary Medicine	20.12.2017- 21.12.2017	VC& RI, TNI
303	S.Ganesh Kumar Assistant Professor	Livestock welfare under changing climate scenario for improved productivity	07.06.2017 to 27.06.2017 (21 days)	IVRI, Izatnagar
304	R.Selvakkumar Assistant Professor	3 <sup>rd</sup> national conference on agricultural Scientific Tamil	12.08.17 to 13.08.17	TNAU
305	P.Anuradha Assistant Professor	ICAR sponsored winter school on "Livestock and climate change: Contributory key factors and practical strategies for Amelioration	01.09.17 To 21.09.17	NIANP, Bangaluru
306	R.Dhineshkumar	Orientation programme	19.03.15- 28.03.18	VCRI, Namakkal
307	M.Selvarasu	Orientation programme	19.03.15- 28.03.18	VCRI, Namakkal
308	D.Gandhimathi	Orientation programme	05.03.18- 15.03.18	MVC Chennai
308	S.Kopperundevi	National Workshop on "KOHA Web based Open Source Integrated Library Management Software"	23 <sup>rd</sup> and 24 <sup>th</sup> November, 2017	Manonmanium Sundaranar University,Tirunelveli
309	Dr.A.Karthiayani	Packaging of fresh and processed foods	10 <sup>th</sup> August 2017	Indian Institute of Packaging, Chennai
310	Dr.R.Marx Nirmal	Refresher course on Experimental Physics	15.09.2017- 29.9.2017	Bishop Moore College, Mavelikara, Kerala
311	Dr.K.S.Gnanalaksshmi	Dairy International Conference & Expo Dairying: Sufficiency & Efficiency	8.02.2018 – 10.02.2018	Cochin, Kerala
312	Dr.S Bakyaraj, Assistant Professor	Developments in Feed Milling Technology	26/09.2017	VC&RI, Namakkal
313	Dr.D. Ilaya Bharathi, Assistant Professor	Stress and welfare: concepts and strategies for addressing current challenges in Poultry Production	06/09/2017 to 26/09/2017	CARI, Izatnagar
314	Dr.S.Santhosh Kumar	Molecular diagnosis of small ruminants	04.10.2017 to 24.10.2017	College of Veterinary science, Tirupathi

315	Dr.G. Raj Manohar,	IPSACON 2017 – Innovations	28/11/2017 to	NIMHANS
	Assistant professor	for safe and sustainable poultry production	30/11/2017	Convention centre Bangaluru
316	Dr. R. Jyothi Priya, Assistant Professor	Emerging horizons in diagnosis of animal and poultry diseases: towards sustainable production in Asian countries	09/11/2017 to 11/11/2017	Veterinary college, Hebbal, Bengaluru
317	Dr. K Rajendra Kumar, Assistant Professor	National Seminar on Food Adequacy and Climate Change: Strategies for Sustainable Food Production	03/11/2017 to 04/11/2017	Thrissur, Kerala
318	Dr A Gnanapragasam, Assistant Professor	Orientation training	17/03/2018 to 28/03/2018	VC&RI, Namakkal
319	Dr D Raghu, Assistant Professor	Orientation training	17/03/2018 to 28/03/2018	VC&RI, Namakkal
320	Dr. T.V. Tamilam, Assistant Professor	3 <sup>rd</sup> National Conference on "Agricultural Scientific Tamil"	12.08.17 & 13.08.17.	Tamil Nadu Agricultural University, Coimbatore
321	Dr. K. Thangavel, Assistant Professor and Head	ICAR sponsored winter school on "Recent approaches in animal disease diagnostics and Vaccinology	26.9.17 to 16.10.17 (21 days)	School of Animal Biotechnology, GADVASU, Ludhiana, Punjab.
322	Dr. G. Kalaiselvi, Assistant Professor	Information retrieval system	11.12.17 	BITS, MVC
323	Dr. R. Bharathi, Assistant Professor	Orientation training programme for the newly recruited Assistant Professors of TANUVAS	05.03.18 15.03.18	MVC
324	Dr. T. V. Meenambigai, Professor	ISVIB conference on " Challenges in livestock and	17.04.17 19.04.17	Krantisinh Nana Patil College of Veterinary
325	Dr. K. Manimaran, Assistant Professor	poultry production – solutions with Biotechnology"		Science, Shirwal
326	Dr. R. Mahaprabhu, Assistant Professor			
327	Dr. T. V. Meenambigai, Professor	National symposium on "Innovative and emerging biotechnical and biotechnological tools to augment animal health and production"	2.6.17 3.6.17	Habbal, Bengaluru
328	Dr.S.Arunkumar, Professor	26 <sup>th</sup> International conference of the World Association for the Enhancement of Veterinary Parasitology	04.09.17 08.09.17	Kuala Lumpur, Malaysia
329	Dr. T. V. Meenambigai, Professor	ISVIB Conference- 2017 on recent trends in Veterinary	5.12.17 07.12.17	College of Veterinary and Animal Sciences,
330	Dr. K. Manimaran, Assistant Professor	Immunology and Biotechnology for doubling farmers income through livestock and production		Parbhani

331	S. Arunkumar,	VVVII National Congress	12.02.18	College of Veterinary
331	S. Arunkumar, Professor	XXVII National Congress of Veterinary Parasitology and National symphosium on "Technologies for sustainable parasite control and Redressal of detection methods directed for upliftment of rural economy"	12.02.18	and Animal Sciences, Udaipur
332	Dr.M.Sakthi Priya	National Nutrition workshop on "Augmenting Animal productivity through emerging technologies to ensure food security in the era of climate change	6.7.17 7.7.17	Namakkal
333	Dr.M.Sakthi Priya	3rd National Agricultural scientific Tamil conference organized at TNAU, Coimbatore jointly with 'Agricultural Scientific Tamil Society', New Delhi.	11.8.17 12.8.17	TNAU, Coimbatore
334	Dr.M.Sakthi Priya	Foundation Day	10.11.17	Dindigul
335	Dr.M.Sakthi Priya	Kerala Veterinary Science Congress organized by Indian Veterinary Association, Kerala.	11.11.17 12.11.17	Ernakulam Kerala
336	Dr. S. Ramesh	Annual Conference of Indian Society of Veterinary Pharmacology and Toxicology	20.12.17 22.12.17	Hisar Haryana
337	Dr. B. Vasanthi	National Conference of Indian Women veterinarians	20.11.17 22.11.2017	Hyderabad
338	Dr. B. Vasanthi	Genetic monitoring in Laboratory animals	19.6.17 23.6.17	Centre for Cellular and Molecular Biology, Hyderabad
339	Dr.V.Gowthaman, Assistant Professor	Workshop on "Genomic and Proteomic analysis for improvement of productivity in farm animals"	10.07.2017 14.07.2017	Madras Veterinary College, Chennai
340	Dr. T.R.Gopala Krishna Murthy, Professor and Head	International Conference on "Facing challenges together for sustainable livestock and poultry health- A local initiative for global solutions"	20.07.2017 21.07.2017	VC&RI, Namakkal
341	Dr. K.Senthilvel , Professor	International Conference on "Facing challenges together for sustainable livestock and poultry health- A local initiative for global solutions"	20.07.2017 21.07.2017	VC&RI, Namakkal
342	Dr.V.Gowthaman, Assistant Professor	International Conference on "Facing challenges together for sustainable livestock and poultry health- A local initiative for global solutions"	20.07.2017 21.07.2017	VC&RI, Namakkal
343	Dr.S.Udhayavel, Assistant Professor	International Conference on "Facing challenges together for sustainable livestock and poultry health- A local initiative for global solutions"	20.07.2017 21.07.2017	VC&RI, Namakkal

344	Dr. T.R.Gopala Krishna	Workshop on "Avian Influenza:	04.09.2017	Madras Veterinary
344	Murthy, Professor and Head	Monitoring Surveillance and Biosecurity"	08.09.2017	College, Chennai.
345	Dr.V.Gowthaman, Assistant Professor	World Veterinary Poultry Congress	04.09.2017 08.09.2017	Edinburgh, UK
346	Dr.V.Gowthaman, Assistant Professor	Short course on Egg Layer 'Specialized' programme	11.09.2017 22.09.2017	College of Veterinary Medicine, University of Utrecht, Netherlands
347	Dr. K.Senthilvel , Professor	Ethnoveterinary practices in Livestock and Poultry	27.12.2017 28.12.2017	Veterinary College and Research institute, Namakkal
348	Dr.V.Gowthaman, Assistant Professor	Ethnoveterinary practices in Livestock and Poultry	27.12.2017 28.12.2017	Veterinary College and Research institute,
349	Dr.S.Udhayavel, Assistant Professor	Ethnoveterinary practices in Livestock and Poultry	27.12.2017 28.12.2017	Veterinary College and Research institute,
350	Dr.S.Udhayavel, Assistant Professor	XXXI Annual convention of Indian Association of Veterinary Microbiologists, Immunologists and Specialists in Infectious Diseases and National Symposium on Innovations in Animal Health Current Challenges and future prospective	29.01.2018 31.01.2018	College of Veterinary Science, Sri Venkateswara Veterinary University, Tirupati
351	Dr.V.Gowthaman, Assistant Professor	ICAR 31st CAFT Course on "Diagnosis and Control of Emerging and Re-emerging Trans-boundary Diseases of Poultry"	07.02.2018 27.02.2018	Department of Veterinary Microbiology, Lala Lajpat Rai University of Veterinary and Animal Sciences, Hisar, Haryana
352	Dr.S.Udhayavel, Assistant Professor	Orientation training programme for Assistant professors	05.03.2018 15.03.2018	Madras Veterinary College, Chennai
353	Dr.V.Gowthaman, Assistant Professor	The GCRF one health poultry hub meeting	19.03.2018 20.03.2018	New Delhi
354	Dr. K. Brindha	International Conference on 'Facing challenges together for sustainable livestock and poultry health – A local initiative for global solutions' organized by Health Departments of Veterinary College and Research Institute, Namakkal during 20th-21st July 2017	20.07.2017 21.07.2017	Veterinary College and Research Institute, Namakkal
355	Dr. K. Brindha Assistant Professor	ICAR sponsored Winter School on 'Molecular diagnosis of diseases of small ruminants'	04.10.2017 24.10.2017	Department of Veterinary Microbiology, Sri Venkateswara Veterinary University, Tirupati
356	Dr.Y.Krishnamohan Reddy Professor and Head	National Seminar on 'Small ruminants: National scope on up-scaling production to products value addition and their safety' sponsored by Indian Society for sheep and goat production and utilization	09.11.2017 10.11.2017	ICAR – Central Institute for Research on Goats, Makhdoom, Mathura

357	Dr. Y.Krishnamohan Reddy Professor and Head	VIROCON 2017 – 26th Annual Conference on 'Viruses to Viromes in health and disease' organized by Indian Virological Society and Nitte University	07.12.2017 09.12.2017	Nitte University, Mangaluru
358	Dr. K. Brindha Assistant Professor	Workshop on Syllabus framing and textbook writing for the Course 'Animal Science and Technology' for SCERT, Department of Higher Education, Government of Tamil Nadu	18.12.2017 22.12.2017	SCERT, Department of Higher Education, Government of Tamil Nadu at Manapakkam
359	Dr. K. Brindha Assistant Professor	Training programme on 'Ethno- Veterinary Practices in livestock and poultry'	11.01.2018 12.01.2018	Madras Veterinary College
360	Dr. R. Uma Rani Professor and Head	Diagnostic imaging techniques in veterinary medical practice	21.11.2017 30.11.2017	Lala Lajpat Rai University of Veterinary and Animal Sciences, Hisar, Haryana
361	Dr.M.S.Murugan Assistant Professor	Ethno-Veterinary Practices	20.12.2017 21.12.2017	Veterinary College and Research Institute, Thirunelveli
362	Dr. R. Uma Rani Professor and Head	Workshop on Picture Archiving and Communication system (PACS) of Diagnostic images for Networking and Webcasting	24.1.2018 25.1.2018	Madras Veterinary College, Chennai
363	Dr.M.Madhanmohan Assistant Professor	Orientation Training Programme	04.03.2018 15.03.2018	Madras Veterinary College, Chennai
364	Ravikumar Professor and Head	ADRC meeting	25.04.17 - 25.04.17	VC&RI, Tirunelveli
365	K.Senthil Kumar Assistant Professor	ICAR ORPZD – Annual review meeting	25.08.17- 26.08.17	College of Veterinary Science, Khanapara, Guwahati, Assam.
366	Dr. A. Shanmuga Sundaram Assistant Professor	National Workshop on "Recent Perspectives in Veterinary Forensics"	20.11.17 22.11.17	PLAFFS, DCAHS, Ch-51
367	Dr. T. Geetha Assistant Professor	National Workshop on "Recent Perspectives in Veterinary Forensics"	20.11.17 22.11.17	PLAFFS, DCAHS, Ch-51
368	Dr. E. Rachel Jemimah	Indian Association of Women Veterinarians – XV Biennial Conference and National Symposium – Role of women veterinarians in enhancement of livestock productivity, health and welfare"	21.11.17 22.11.17	College of Veterinary Science, Hyderabad
369	Dr.S.Jaishankar	Participated in 21 days training programme entitled" Livestock welfare under changing climate scenario for improved productivity	07.06.17 27.06.17	IVRI, Izat Nagar.
370	Dr.R.Venkataramanan	Training course on Animal Breeding Data analysis and Genomics Prediction	20.11.17 24.11.17	CIRB, Hissar
371	Dr.R. Venkataramanan	Implementation of PFMS	06.11.17 07.11.17	MVC, Chennai

372	Dr.R.Venkataramanan	MOOC 7 week module course	09.11.17	Wageningen
312	DI.K. Venkataramanan	(seven weeks) on Animal	16.11.17	University
		Breeding and Genetics	10.11.17	Chiveisity
373	Dr.R.Venkataramanan	Sensitisation Workshop	11.12.17	NAARM
374	Dr.R.Rajendran	International Workshop on	29.11.17	Pune
37.	Directagoriaran	"Genomic Selection for Genetic	30.11.17	T uno
		Improvement in Indian Dairy		
		Animals"		
375	Dr.P.Muthusamy	Third tamil conference	12.08.17	TNAU, Coimbatore
	•		13.08.17	
376	Dr.P.Muthusamy	IPSACON 2017	28.11.17	NIANP, Bengaluru
	211111111111111111111111111111111111111	11 5110 611 2017	30.11.17	T (II II (I, D v II gwi wi w
377	Dr.P.Muthusamy	ICARB 2017	22.12.17	The Crescent
	y y		23.12.17	University, Vandalur
378	Dr.M.Suganthi	Ten days training programme	23.10.17	Nil TNAU,
378	Di.Wi.Suganun	on Eco friendly management	30.10.17	Coimbatore
		practices for pest and diseases	30.10.17	Commoatore
		at TNAU		
379	Dr.M.Suganthi	Workshop on Augumenting	06.07.17	V.C &R.I Namakkal
		Animal Productivity through	07.07.17	
		emerging technologies to ensure		
380	Dr.M.Suganthi	NABARD workshop	02.11.17	IAN, Kattupakkam
381	Dr.M.Suganthi	NABARD workshop	12.12.17	IAN, Kattupakkam
382	Dr.M.Suganthi	Azolla workshop	05.07.17	ILFC, Madavaram
302	Disuguittii	1 Izona workonop	05.07.17	Milk Colony
383	Dr.J.Muralidharan	National seminar on Small	9.11.17	ICAR- CIRG,
		ruminants: National scope on up	10.11.17	Makhdoom, Farah,
		scaling production to products		Mathura
		value addition and their safety		
384	Dr.S.Usha	XV Biennial conference and	21.11.17	College of Veterinary
		National symposium on Role	22.11.17	Science, Hyderabad
		of women veterinarians in		
		enhancement of livestock		
205	D., C. I. J.	productivity, health and welfare	07.02.10	ICAD IVDI
385	Dr.S.Usha	Advanced short course on "Nutrition for healh: Advances	07.02.18	ICAR- IVRI,
		in the science of animal	27.02.18	Izatnagar,
		nutrition		
386	Dr.N.Kumaravelu	National symposium on	08.02.18	College of Veterinary
500	Din Maniara Volu	Sustainable management of	10.02.18	and Animal Sciences,
		livestock and poultry diversity	- 5.02.10	(RAJUVAS), Bikaner,
		for enhancing the farmers		Rajasthan
		income		
387	Dr.B.Suresh Subramonian	Food Safety Issues in relation to	26.07.17	Workshop on
		manufacture of neutraceutical	30.07.17	"Transferring
		dairy products in India		knowledge on
				dairy production
				technologies between
200	Du D. Dualahalara Arairtas	VVVI Ammuel a mercution	20.01.10	the UK and India
388	Dr. R. Prabhakar, Assistant Professor	XXXI Annual convention of IAVMI and National	29.01.18	Sri Venkateswara
	1 10168801	Symposium on "Innovations	31.01.18	Veterinary University, Tirupati
		In Animal Health – Current		ınupan
		Challenges and Future		
		Prospective,		
		- 100p***********************************		1

389	Dr. S. Krishna Kumar, Assistant Professor	Animal Health Service Delivery - the Priorities of the professionals for enhancing	1.2.2018 3.2.2018	College of Veterinary Science and Animal Husbandry,
		farmers' income.		Bhubaneshwar, Odisha
390	Dr. R. Prabhakar, Assistant Professor	'Orientation Training Programme' for Newly Recruited Assistant Professors	17.03.18 28.03.18	VCRI, Namakkal
391	Dr. P. Senthil kumar and Dr. V. Sankar	Augmenting animal productivity through emerging technologies to ensure food security in the era of climate change	06.07.17 06.07.17	VC&RI, Namakkal
392	V.Sankar, Assistant professor	"Livestock and climate change: Contributory key factors and practical strategies for Amelioration"	01.07.17 21.09.17	ICAR, NIANP, Bangaluru
393	Dr.A.K.Thiruvenkadan, Professor and Head, Dr. J. Muralidharan , Professor, Dr.L.Arun, Dr.V.Sankar, Assistant Professors	'Small Ruminants: National Scope on Up-scaling Production to Products Value addition and their Safety"	09.11.17 10.11.17	ICAR- Central Institute for Research on Goats (CIRG), Makhdoom, Farah (281122), Mathura (U.P)
394	Dr.R.Rajkumar Assistant Professor	"Prospects of diversified poultry and its impact in enhancing the rural economy	08.11.17 28.11.17	VC&RI, Namakkal
395	Dr.R.Rajkumar, Dr. V. Sankar, Dr. P. Senthilkumar, Dr. L. Arun, Dr, P. Nalini	National Workshop on "Conservation and Cultivation of Medicinal Plants"	16.12.17 17.12.17	Siddha Medicinal Plants Garden central council for Research in Siddha, Mettur Dam, Tamil Nadu
396	Dr.A.K.Thiruvenkadan, Professor and Head,	"Entrepreneurship Development and Management for Scientists and Technologists Working with Govt. Sector",	22.01.18 02.02.18	Development Institute of India (EDI), Ahmedabad, Gujarat
397	Dr.P.Senthilkumar Assistant Professor	"CAFT training programme on Advances in Poultry Production and its Impact on Changing Global Scenario	02.02.18 27.02.18	VCRI, Namakkal
398	Dr.P.Nalini, Assistant Professor	Orientation training programme for the newly recruited Assistant Professors of TANUVAS"	17.03.18 28.03.18	VCRI, Namakkal
399	A. Paramasivam	National symposium on Livestock Resources Management under changing Climate scenario	17.05.17 19.05.17	Kashmir, Srinagar
400	A. Paramasivam	National Workshop on Conservation and Cultivation of Medicinal Plants	16.12.17 17.12.17	SMPG, Metter Dam , Tamil Nadu
401	T. Lurthu Reetha	International conference on facing challenges together for sustainable livestock and poultry health – A local initiative for global solution	20.07.17 21.07.17	Health Dept. VC&RI, Namakkal.
402	Dr. R.Murugeswari. ""Eco system services through agroforestry	Jhansi, Uttar Pradesh	20.11.17 24.11.17	Central Agroforestry Research Institute, Jhansi

403	Dr. R.Murugeswari National workshop on "Augumenting animal productivity through emerging technology to ensure food security in the era of climate change"	VCRI, Namakkal.	06.07.17 07.07.17	
404	Dr.R.Murugeswari Orientation training programme for procurement	Irrigation management training institute, Thuvakkudy, Trichy.	21.02.18 23.02.18	
405	Dr.S.Gunasekaran Workshop on "Effective research document writing and authoring of books"	Kancheepuram Tamil Nadu	08.11.17	University College of Engineering, Kancheepuram
406	Dr. V.S. Mynavathi. Enhancing water and nutrient use efficiency in Indian farming through precision agriculture	Bangalore, Karnataka	26.07.17 04.08.17.	University of Agricultural Sciences, GKVK, Bangalore
407	Dr.M.Manobhavan	IVRI, Izatnagar	01.02.18 31.07.19	
408	Dr.R.Subash, Assistant Professor	Orientation Training Programme" for the newly recruited Assistant Professors	17.03.18 28.03.18	Veterinary College and Research Institute, Namakkal.
409	Dr.A.Sakthivel Selvan Assistant Professor	Orientation Training Programme" for the newly recruited Assistant Professors	17.03.18 28.03.18	Veterinary College and Research Institute, Namakkal.
410	Dr.A.V. Omprakash	XXXIV Annual conference on "Indian Poultry Science Association (IPSACON 2017) on the innovations for safe and sustainable Poultry production"	28.11.17 30.11.17	Bengaluru
411	Dr.N. Karthikeyan	XXXIV Annual conference on "Indian Poultry Science Association (IPSACON 2017) on the innovations for safe and sustainable Poultry production"	28.11.17 30.11.17	Bengaluru
412	Dr.S. Jayachandran Professor and Head	XXVI Annual conference of SAPI and National Symposium "Physiological Innovations to forecast the impact of Climate change and to evolve strategies for sustainable Livestock Production	21.12.17 22.12.17	Veterinary College, Bidar
413	Dr.P.Nithya, Assistant Professor	Updates on Clinical Diagnostic Techniques in Veterinary Practice'	01.02.2018 to 21.02.2018	Madras Veterinary College, Chennai
414	Mr.G.Bastin	Defensive Training Techniques	16.9.2017 to 18.09.2017	Madras Veterinary College, Chennai
415	Tmt.V.Kavitha	Accounting Software System	09.11.2017 to 10.11.2017	Veterinary College and Research Institute, Namakkal
416	Dr.P.Murali Assistant Professor	Propagation of Traditional herbal knowledge	11.12.17 to 12.12.17	VCRI, Orathanadu
417	Dr.P.Murali Assistant Professor	Orientation Training Programme for the newly recruited Assistant Professors of TANUVAS	05.03.2018 to 16.03.2018	Madars Veterinary College, Chenna

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418	Dr.V.Meenalochani	IVRI short course on "Clinical	16.3.17 to	IVRI,Brailey
		nutrition approaches for gut	25.3.17	Izatnagar.
		health"-CAFT training		
419	Dr.V.Meenalochani	National work shop on	7.7.17	VC RI, Namakkal
		Augmenting Animal		
		productivity through emerging		
		technologies to ensure food		
		security in the Era of climate		
		1		
		charges		
420	Dr.V.Meenalochani	3 <sup>rd</sup> Tamil Scientific Research	12.8.17 to	TNAU, Kovai
		Conference received best oral	13.8.17	
		presentation award and first		
		prize for the paper on		
		" கலப்பின கறவை பசுக்களில்		
		தீவன பற்றாக்குறை சரி செய்ய		
		தீவனகலவை அளிப்பதன்		
		தாக்கம்"		
421	D. VIM 1 1 1	-	21 11 17 4	WW Diamaial
421	Dr.V.Meenalocahni	ORAL PRESENTATION ON -	21.11.17 to	XV Biennial
		Assessment of nutritional status	22.11.17	conference and
		of dairy cows using biological		national symposium
		indicators under field conditions		
		-at XV Biennial conference		
		and national symposium - on		
		Role of women veterinarians		
		in enhancement of Livestock		
		production, Health and welfare		
422	Dr. R. Ramya	Orientation Training	05.03.18 to	Madars Veterinary
422	, ,		16.03.18	
	Assistant Professor	Programme for the newly	10.03.18	College, Chennai
	Dr. M. Dashprakash	recruited Assistant Professors of		
	Assistant Professor	TANUVAS		
423	Dr.A.Kirubakaran	9th Kerala Veterinary Science	11.11.17 to	Flora Airport Hotel,
		Congress	12.12.17	Nedumbassery,
				Ernakulam
				District, Kerala
424	Dr.G.Vijayakumar	ICAR Summer school	10.07.2017 to	National Institute
		on "Advanced Analytical	30.07.17	of Agricultural
		Techniques for decision making		Economics and Policy
		in Agriculture"		Research, New Delhi
125	Da M Marriago		12 11 17 40	
425	Dr.M.Murugan	TANUVAS Accounting system	13.11.17 to	MVC, Chennai-7
15 -	D	Training	14.14.11.17	IGAD AMONT 11
426	Dr.T.Ravimurugan	Innovative approaches for	8/11/17to	ICAR-NDRI, Adugodi,
		conservation and improvement	28/11/17	Bengaluru
		of indigenous bovine genetic		
		resources in modern IPR era		
		under changing climate scenario		
427	Dr.S. Malmarugan	Training Programme on Ethno	20/12/17 to	VCRI, Tirunelveli
,		Veterinary Medicine	21/12/17	
		<u> </u>		
428	Dr.T.Ravimurugan	National Symposium on	08/02/18to	COVAS, Rajasthan
		'Sustainable Management of	10/02/18	
		Livestock and Poultry Diversity		
		for enhancing the farmers		
		income		
		Income		
429	Dr P Sriniyasan		23.05.17 to	Indira Parivaran Hall
429	Dr.P.Srinivasan	CPCSEA Nominees Training	23.05.17 to	Indira Parivaran Hall,
429	Professor and HeadVUTRC,		23.05.17 to 24.05.17	Indira Parivaran Hall, New Delhi
	Professor and HeadVUTRC, Nagapattinam	CPCSEA Nominees Training	24.05.17	New Delhi
429	Professor and HeadVUTRC, Nagapattinam Dr. Vinothini,M	CPCSEA Nominees Training  Advanced analytics in	24.05.17 14.11.17 to	New Delhi NAARM,
	Professor and HeadVUTRC, Nagapattinam	CPCSEA Nominees Training	24.05.17	New Delhi

431	Th.S.Suresh Junior Assistant	Accounting software Systems	20.11.17 to 21.11.17	VCRI, Tirunelveli.
432	Dr.Vinothini,M Assistant Professor	Propagation of Traditional herbal knowledge	11.12.17to 12.12.17	VCRI, Orathanadu
433	Dr.A.Balasubramaniam Associate Professor and Head	International Conference on facing Challenges together for Sustainable livestock & poultry health A local initiative for Global Solutions	20.07.17to 21.07.17	VCRI, Namakkal
434	Dr.M.Saravanjayam Assistant Professor	International Conference on facing Challenges together for Sustainable livestock & poultry health A local initiative for Global Solutions	20.07.17 to 21.07.17	VCRI, Namakkal
435	Dr.P.Suresh Kumar Assistant Professor	Propagation of Traditional herbal knowledge	11.12.17 to 12.12.2017	VCRI, Orathanadu
436	Dr.P.Suresh Kumar Assistant Professor	CAFT Training programme as Advance in poultry Production and its impact on Changing global Scenario	07.02.18 to 27.02.18	VCRI, Namakkal
437	Dr.G.Srinivasan Assistant Professor	ICAR sponsored Training on Livestock and climate Change: Contributory factors and practical strategies for amelioration	1.9.2.17 to 21.9.17	National Institute of Animal Nutriond, Bangalore 21 days
438	Dr. D.Jayanthi, Assistant Professor and Head	ICAR short course on " Techniques for assessment of quality and safety of meat products through species identification and detection of chemical residues and microbial contaminants"	3.1.17to 12.1.17	NRC on Meat - Hydrabad
439	Dr. N. Sri Balaji Assistant Professor	Winter school on "Livestock and Climate Change: Contributory key factors and practical strategies for amelioration"	1.9.17 to 21.9.17	NIANP, Bangaluru
440	Dr. D. Jayanthi , Assistant Professor and Head	ICAR sponsored CAFT Training programme on "Food Safety and Quality Management Systems for a Farm to Fork Approach "	1.11.17 to 21.11.17	TNAU - Coimbatore
441	Dr. M. Arthanari Eswaran, Assistant Professor	Presented a paper at the International Conference on Facing Challenges Together for Sustainable Livestock and Poultry Health-A Local initiative for Global solutions	21.7.17 to 22.7.17	VCRI, Namakkal
442	Dr.A.Anitha, Assistant Professor	ICAR sponsored Winter School on "Innovative approaches for conservation and improvement of indigenous bovine genetic resources in modern IPR era under changing climate scenario"	8.11.2017 to 27.11.2017	NDRI-SRS, Adugodi, Bengaluru

443	Dr. V.S.Vadivoo Assistant Professor	Presented a paper at the Indian Association of Women Veterinarians, XV Biennial Conference and National Symposium on Role of Women Veterinarians in Enhancement of Livestock Productivity	21.11.17 to 22.11.17	College of Veterinary Science, Rajendranagar, Hyderabad.
444	Dr. M. Arthanari Eswaran Assistant Professor	Healthy and Welfare  ICAR sponsored CAFT Course on "Diagnosis and Control of Emerging and Re-emerging Trans-boundary Diseases of Poultry",	07.02.18 to 27.02.18	Department of Veterinary Microbiology, Lala Lajpat Rai University of Veterinary and Animal Sciences Hisar, Haryana
445	Dr.A.Anitha, Assistant Professor	Training for Level II Officers at Kissan Call Centre,	12.02.18 to 13.02.18	TNAU, Coimbatore
446	Dr.A.Anitha, Assitant Professor	training regarding data entry in the Online Accounting System	22.03.18 to 23.03.18	VUTRC, Coimbatore
447	Dr.C.Theophilus Anand Kumar, Associate Professor and Head	"Asian Veterinary PathologistsCongress-2017 XXXIV Annual Conference of Indian Association of Veterinary Pathologists"	09.11.2017to 11.11.2017	Veterinary College, Hebbal, Bengaluru.
448	Dr.R.Durairajan, Assistant Professor	Third National Conference on "AgriculturalScientific Tamil 2017"	12.08.2017 to 13.08.2017	Tamil NaduAgricultural University, Coimbatore.
449	Dr.C.M.Jaikanth, Assistant Professor	Orientation Training Programme for the newly recruited Assistant Professors of TANUVAS	17.03.2018 to 28.03.2018	Veterinary College & Research Institute, Namakkal
450	Thiru.S.Prasanth, Junior Assistant	Refresher Training on "Office Administration and Accounting Procedures in TANUVAS"	10.07.2017 to 12.07.2017	Madras Veterinary College, Chennai
451	Thiru.S.Prasanth, Junior Assistant	Training on TANUVAS Accounting system	13.11.2017 to 14.11.2017	Madras Veterinary College, Chennai
452	Thiru.V.Alagesan, Driver	Training on "Defensive Driving Techniques"	19.08.2017to 21.08.2017	Institute of Road Transport, Taramani
453	Dr.A.Elamurugan, Assistant Professor	Propagation of Ethno Veterinary Herbal Knowledge	11.12.17to 12.12.17	VCRI, Orathanadu
454	Dr.A.Elamurugan, Assistant Professor	Orientation training programme for the newly recruited Assistant Professors of TANUVAS	05.03.18to 15.03.18	Madras Veterinary College Vepery, Chennai - 7
455	Dr.J.Vijay Anand, Assistant Professor	Orientation training programme for the newly recruited Assistant Professors of TANUVAS	05.03.18to 15.03.18	Madras Veterinary College Vepery, Chennai - 7
456	Dr.K.Shibi Thomas	Propagation of Ethno Veterinary Herbal Knowledge	11.12.2017 to 12.12.2017	VCRI, Orathanadu
457	Dr.V.Jayalalitha	Propagation of Ethno Veterinary Herbal Knowledge	11.12.2017to 12.12.2017	VCRI, Orathanadu
458	Dr.S.Saraswathi	Communication and management competency enhancement for extension professionals	19.2.18 to 28.2.18	NAARM, Hyderabad

459	Dr.A.Latchumikanthan, Assistant Professor	Orientation training programme for the newly recruited Assistant Professors of TANUVAS	05.03.18to 15.03.18	Madras Veterinary College Vepery, Chennai - 7
460	Dr.K.Velmurugan Prof & Head	Annual review workshop of KVKs	04.05.17to 06.05.17	ICAR – KVK, North Goa
461	Dr.P.Murugan, Assistant Professor (Agronomy)	Prime Minister Fasal BimaYojana	01.06.17	District Collectorate, Kancheepuram
462	Dr.Gayathri Subbiah	Crop Insurance	22.09.17	District collector office Kancheepuram
463	Dr. Gayathri Subbiah	Seed Hub	07.11.17	IIPRKanpur.
464	Dr.K.Devaki Asst.Professor	Ethno Veterinary practicing in Livestock and poultry	11.01.18to 12.01.18	Madras Veterinary College Vepery, Chennai - 7
465	Dr.M.Siddharth Professor	Hi-Tech Agriculture	02.02.18to 16.02.18	Kerala Agricultural University, Trissur
466	Dr. T.Selvaraj Assistant Professor	District Action plan meeting	21.02.18 to 23.02.18	ATMA, Kodaikanal
467	Dr.K.Sivakumar Assistant Professor	Orientation training programme for the newly recruited Assistant Professors of TANUAVS	05.03.18 to 15.03.18	Madras Veterinary College Vepery, Chennai - 7
468	Dr.M.Vimalarani Assistant Professor	National Conference cum Workshop on "Making Indian food clean and safe	20.01.18to 21.01.18	Madras Veterinary College Vepery, Chennai - 7
469	Dr.M.Vimalarani Assistant Professor	Capacity Building of KVK Home Scientists on Food Processing	14.03.17to 16.03.17	Home Science College and research Institute, TNAU, Madurai
470	Dr. L.Vimalendran Assistant Professor	International Symposium on 'Sugarcane Research Since Co 205: 100 years and Beyond	18.09.2017to 21.09.2017	Sugarcane Breeding Institute, Coimbatore
471	Dr.S.Alagudurai Assistant Professor	3 <sup>rd</sup> National Agricultural Tamil Conference held at TNAU, Coimbatore	09.03.2018to 10.03.2018	TNAU, Coimbatore
472	Dr.S.Alagudurai Assistant Professor	Training on Biogas technology	21.08.2017to 24.08.2017	TNAU, Coimbatore
473	Dr. L.Vimalendran Assistant Professor	Orientation training programme for newly recruited Assistant professors of TANUVAS	05.03.2018to 15.03.2018	Madras Veterinary College, Chennai
474	Dr.M.Alagappan Assistant Professor	Orientation training programme for newly recruited assistant Professor, TANUVAS	17.03.23018to 25.03.2018	Veterinary College and Research Institute, Namakkal
475	DrN.Akila Dr.P.Murugan	Annual Review 2016-17 cum Action plan 2017-18 workshop for NICRA Scheme	1 day 13.07.2017	Central Research Institute for Dryland Agriculture, Hyderabad
476	Dr.N.Akila Dr.P.Murugan Dr.M.Jothilakshmi	International Conference on Invigorating Transformation of Farm Extension towards Sustainable Development : Futuristic Challenges and Prospects	2 days 09.03.2018 to 10.03.2018	Tamil Nadu Agricultural University, Coimbatore
477	Dr.N.Akila	National Conference for KVK and Krishi Unnati Mela	3 days 16.03.2018 to 18.03.2018	Indian Agricultural Research Institute, PUSA Campus, New Delhi

478	Dr.N.Akila	Workshop on climate resilient practices	1 day 20.03.2018	Indian Counsil of Agricultural Research Main campus, New Delhi
479	Dr.C.Sharmila Bharathi	Training programme on Biogas Technology	4 days (24.8.2017 to 27.8.2017)	Biogas Development and Training Centre, Agricultural Engineering College and Research Institute, Tamil Nadu Agricultural University, Coimbatore
480		National conference on New vistas in Vegetable research towards nutritional security under changing climate scenario (NCVR 2017	4 days (06.12.2018 to 09.12.2017)	Horticultural College and Research Institute Campus, TNAU, Coimbatore.
481	Dr.C.Sharmila Bharathi	ICAR Sponsored short course on New perspectives in fruit crops research	10 days (05.03.2018 to 14.03.2018)	Department of Fruit Crops, Horicultural College & Research Institute, Tamil Nadu Agricultural University, Coimbatore.
482		International conference on Recent Scenario in Plant Science Research – Climate change and its associated variations	3 days 24.03.2018 to 25.03.2018	Department of Botany, Annamalai University, Chidambaram
483	Dr.P.Murugan	International Symposium on Sugarcane Research Since CO- 205: 100 Years and Beyond	4 days 18.09.2017 to 21.09.2017	Le Meridian Hotel, Coimbatore
484		Vigilance awareness workshop	1 day 01.11.2017	Directorate of Extension Education, Tamil Nadu Agricultural University, Coimbatore
485	Dr.P.Murugan	Winter School training on "Sustainable organic production practices – an approach to mitigate climate change and rural livelihoodsecruity"	21 days 01.12.2017 to 21.12.2017	University of Agricultural Sciences, Gandhi Krishi Vigyan Kendra Campus, Bengaluru, Karnataka
486		Regional workshop on farmers rights and Agro biodiversity	1 day 27.01.2018	Professor Jayashankar Telangana State Agricultural University, Hyderabad
487	Dr.P.Murugan	Agro-forestry Models : Establishment and Management	3 days 29.01.2018 to 31.01.2018	Institute of Forest Genetics & Tree Breeding (IFGTB), Coimbatore
488	Dr.P.Murugan	The preparation of State Extension work plan for SSEPERS - ATMA for the year 2018-19	3 days 21.02.2018 to 23.02.2018	Hotel Golden Resort, Kodaikanal
489	Th.C.Sankar	Plant Bio-Security - Quarantine pests: Detection & Identification	21days 04.04.2017 to 24.04.2017	National Institute of Plant Health Management, Hyderabad,

490	Th.C.Sankar	Entomology workshop	One day	Agricultural College & Research Institute, Tamil Nadu Agricultural University, Madurai
491	Dr.S.Sathya	Orientation training programme for the newly recruited Assistant Professors of TANUVAS	10 days 05.03.2018 to 15.03.2018	Madras Veterinary College, Chennai
492	Dr.S.Paulpandi	Orientation training programme for the newly recruited Assistant Professors of TANUVAS	10 days 05.03.2018 to 15.03.2018	Madras Veterinary College, Chennai
493	Dr.M.Jothilakshmi	Advanced analytical techniques for decision making in agriculture	21 days 07.07.2017 to 30.07.2017	National Institute of Agricultural Economics & Policy Research, New Delhi
494	Dr.M.Jothilakshmi	Good practices in quantitative social science research: A journey from conceptualization to research application	6 days 07.08.2017 to 12.08.2017	Central Tuber Research Institute, Thiruvanthapuram, Kerala
495	Dr.M.Jothilakshmi	Ethno veterinary practices in livestock and poultry	2 days 27.12.2017 to 28.12.2017	Poultry Disease Diagnosis and Surveillance Laboratory, Vetrinary College & Research Institute, Namakkal
496	Dr.P.Balamurugan Assistant Professor	Orientation Training Programme for the Newly Recruited Staff	05.03.2018to 15.03.2018	MVC,Chennai
497	Dr.V.Sujatha Assistant Professor	Propogation of Traditional Herbal Knowledge in veterinary Practices	11.12.2017 to 12.12.2017	VCRI, Orathanadu
498	Dr.A.Sheeba Assistant Professor	Orientation Training Programme for the Newly Recruited Staff	05.03.2018to 15.03.2018	MVC,Chennai
499	Dr. P. Veeramani Assistant Professor and Head	Prospects of diversified poultry and its impact in enhancing the rural economy	08.11.2017 to 28.11.2017	Veterinary College and Research Institute, Namakkal
500	Dr. A. Ruba Nanthini Assistant Professor	Role of women veterinarians in enhancement of livestock productivity, health and welfare	21.11. 2017 to 22.11.2017	College of Veterinary Science. Hyderabad
501	Dr. P. Jalantha Assistant Professor	Orientation training programme for the newly recruited Assistant Professors of TANUVAS	05.03.2018 to 15.03.2018	Madras Veterinary College, Chennai-7
502	Dr.R.K. Kanimozhi Assistant Professor	Short Course "Communication and Management Competency Enhancement for Extension Professionals"	19.02.18 - 28.02.18	NAARM, Rajendra Nagar, Hyderabad, Telangana - 500030

503	Dr.R.K. Kanimozhi Assistant Professor	National Workshop on "Recent Perspectives in Veterinary Forensic Sciences"	20.11. 17 - 22.11.17	Madras Veterinary College, Pharma Covigilance Laboratory for Animal Feed and Food Safety (PLAFFS), Directorate of Centre for Animal Health Studies, Tamil Nadu Veterinary and Animal Sciences University, Chennai, India
504	Dr.B.Madukesvaran Assistant Professor	Workshop on Tamil Manuscripts: Document, Study & Editing	26.12.17 - 30.12.17	International Institute of Tamil Studies, Taramani, Chennai.
505	Dr.K.Vijayarani Professor and Head	Capacity building for NABL ISO/IEC 17025:2005 accreditation	06.06.2017 – 09.06.2017	PLAFFS, TANUVAS, Madhavaram
506	T.M.A. Senthilkumar Professor	Short term training on "Quality management system and internal audit ISO.IEC 17025:2005"	19.12.2017 to 22.12.2017	Pharmacovigilance Laboratory for Animal Feed and Food Safety, TANUVAS, Chennai-51
507	Dr.K.G.Tirumurugaan Professor	Short term training on "Quality management system and internal audit ISO.IEC 17025:2005"	24.10.2017 to 27.10.2017	Pharmacovigilance Laboratory for Animal Feed and Food Safety, TANUVAS, Chennai-51
508	Dr.S.Rathnapraba Assistant Professor	Capacity building for NABL ISO/IEC 17025:2005 accreditation	06.06.2017 - 09.06.2017	PLAFFS, TANUVAS, Madhavaram
509	Dr.P.Raja Assistant Professor	Short term training on "Quality management system and internal audit ISO.IEC 17025:2005"	24.10.2017 to 27.10.2017	Pharmacovigilance Laboratory for Animal Feed and Food Safety, TANUVAS, Chennai-51
510	C.Vennila	Propogation of ethno veterinary herbal knowledge	11.01.2018 to 12.01.2018	MVC, Chennai
511	T.Ananthi	Propogation of ethno veterinary herbal knowledge	11.01.2018 to 12.01.2018	MVC, Chennai
512	T.Ananthi	Orientation Training Programme for newly recruited Assistant Professors	17.03.2018 to 28.03.2018	VC&RI, Namakkal
513	A. Serma Saravana Pandian Assistant Professor	CAFT Training on Diversified poultry production	27.10.2017to 16.11.2017	Namakkal
514	J. Shilpa Shree Assistant Professor	"Orientation training programme for newly recruited Assistant Professors"	17.03.2018 to 28.03.2018	VC&RI, Namakkal
515	Dr. B. Jaya Varathan Assistant Professor	Training Workshop on Methodological framework for implementation of FFP	10.10.2017 to 13.10.2017	MVC, Chennai

516	G.Senthilkumar	Big Data Analytics in	08.02.2018 to	National
	Assistant Professor	Agriculture"	09.02.2018	Academy of
				Agricultural Research
				Management,
				Hydrabad
517	C.Balan	Orientation Training programme	17.03.2018 to	VCRI- Namakkal
	Assistant Professor	for newly recruited Assistant	28.03.2018	
		Professors of TANUVAS		
518	K. Senthilkumar	served as Co coordinator for	05.03.2018 to	MVC, Chennai
	Dr.M.Palanivelrajan	the "Capacity building training	09.03.2018	
		on wildlife emergencies to		
		government field veterinarians		
		serving in forest fringe areas"		
519	M.Palanivelrajan	4th International Avian	21.10.2017 to	Dr Vikram Sarabhai
		Convention. (Avian Medicine,	22.10.2017	Marg, University Area,
		Care and Management)		Ahmedabad

## 2018-19

Sl.	Name and designation of the	Title of the Programme	Durat	ion	Place
No.	Scientist		From	To	-
1	Dr. K.Vijayarani Professor and Head, Department of Animal Biotechnology	Quality Management System and Internal Audit ISO/IEC 17025:2017	22.01.20 25.01. 2		FBS, MVC, Chennai-07
2	Dr.K.G.Tirumurugaan Professor, Department of Animal Biotechnology				
3	Dr. P. Raja, Assistant Professor, Department of Animal Biotechnology				
4	Dr.T.M.A.Senthilkumar Professor, Department of Animal Biotechnology	One health India conference	18.02.20 19.02.2		New Delhi
5	Dr.K.Vijayarani Professor and Head, Department of Animal Biotechnology	DBT Network Programme on bovine tuberculosis control: Mycobacterial Disease in Animal	20.02.20 22.02.2		Department of Veterinary Public Health and Epidemiology, College of Veterinary Sciences,
6	Dr. P. Raja, Assistant Professor, Department of Animal Biotechnology	Network (MyDAN) Programme			Lala Lajpat Rai University of Veterinary and Animal Sciences, Hisar
7	Dr. K.Vijayarani Professor and Head, Department of Animal Biotechnology	International Tamil Conference on Role of Veterinary Science in farmer's livelihood (as Co-Chairman)	22 <sup>nd</sup> to February	_	Madras Veterinary College, Chennai
8	Dr. K.Brindha, Associate Professor, Department of Animal Biotechnology	International Tamil Conference on Role of Veterinary Science in farmer's livelihood (as Rapporteur)	22 <sup>nd</sup> to February		Madras Veterinary College, Chennai
9	Dr. K.Brindha, Associate Professor, Department of Animal Biotechnology	Workshop on 'Content Development' under National Agricultural Higher Education Project on 'Institutional Development Plan of TANUVAS' sponsored by ICAR	18th to 20th 2019		Madras Veterinary College, Chennai

10	Dr. D.Reena Assistant Professor, Department of Animal Biotechnology	ICAR Winer school training programme	19.07.2018 to 08.08.2018	NIANP, Bangalore
11	Dr. P. Raja, Assistant Professor, Department of Animal Biotechnology	Agriculture knowledge management tools	27.03.2019	Department of Library Science, Madras Veterinary College, TANUVAS, Chennai-07.
12	Dr. M.Palanivelrajan, Assistant Professor, Department of Wildlife Science	XII Annual Convention of Association of Indian Zoo and Wildlife Veterinarians (AIZWV) & National Conference on "Wildlife Health Management vis-a-vis Prospect of Mitigation of Extrinsic Influences Impinging their Conservation"	29.09.2018 and 30.09.2018	College of Veterinary and Animal Sciences, GBPUA&T, Pantnagar – 263 145 U.S. Nagar, Uttarakhand.
13	Dr. M.Palanivelrajan, Assistant Professor, Department of Wildlife Science	2018 Joint American Association of Zoo Veterinarians (AAZV)  – Annual Conference / European Association of Zoo and Wildlife Veterinarians (EAZWV) / Leibniz Institute for Zoo and Wildlife Research (Leibniz-IZW) Conference	06.10.2018 to 12.10.2018	Prague, Czech Republic
14	Dr. M.Palanivelrajan, Assistant Professor, Department of Wildlife Science	WASAVA CE Outreach Programme on "Computed Tomography in Veterinary Practice"	02.11.2018	Department of Veterinary Surgery and Radiology at Madras Veterinary College, Chennai
15	Dr. M.Palanivelrajan, Assistant Professor, Department of Wildlife Science	Participated and presented the poster in the "Advancing Bear Care Conference 2018" at GenX Agra Hotel Agra, India	03.12.2018 to 06.12.2018	Wildlife SOS in partnership with the Bear Care Group USA and the IUCN Bear Specialist Group
16	Dr. M.Palanivelrajan, Assistant Professor, Department of Wildlife Science	ICAR NAHEP programme workshop on "Content development"	18.03.2019 to 20.03.2019	Madras Veterinary College, Chennai - 7
17	Dr. M.Palanivelrajan Assistant Professor, Department of Wildlife Science	workshop organized by DBT for the Principal Investigators to get training on assembly and use of Foldscope and also to distribute the foldscope	17.04.2018	International Centre for Genetic Engineering And Biotechnology (ICGEB), Aruna Asaf Ali Marg, Near Jawaharlal Nehru University, New Delhi.
18	Dr. A. Prathipa, Assistant Professor, Department of Wildlife Science	Sensitisation workshop on Agricultural knowledge management tools	27.03.2019	Madras Veterinary College, Chennai - 7
19	Dr. C.Vennila Assistant professor Department of Agronomy	Integrated Nutrient Management and Nutrient Budgeting through Advanced Models to improve Crop Productivity	22.10.2018 to 26.10.2018	IISWC, Ooty

Ass Dep	C.Vennila sistant professor, partment of Agronomy T. Ananthi sistant professor, partment of Agronomy P.Thirunavukkarasu,	Workshop on Content Development  Workshop on Agricultural Knowledge	18.03.2019 to 20.03.2019 27.03.2019	Madras Veterinary College, Chennai 7  Madras Veterinary
21 Dr. Ass Dep 22 Dr. Ass Dep Hus	Dartment of Agronomy T. Ananthi sistant professor, Dartment of Agronomy P.Thirunavukkarasu,	Workshop on		
21 Dr. Ass Dep 22 Dr. Ass Dep Hus	T. Ananthi sistant professor, partment of Agronomy P.Thirunavukkarasu,		27.03.2019	Madras Veterinary
Ass Dep 22 Dr. Ass Dep Hus	sistant professor, partment of Agronomy P.Thirunavukkarasu,		27.03.2019	
Dep 22 Dr. Ass Dep Hus	partment of Agronomy P.Thirunavukkarasu,			College, Chennai 7
22 Dr. Ass Dep Hus	P.Thirunavukkarasu,	Management Tools		
Ass Dep Hus		CAFT training	18.01.2019 to	Madras Veterinary
Dep Hus	sistant Professor,	programme on "Recent	07.02.2019	College, Chennai
Hus	partment of Animal	advances in clinical		
	sbandry Statistics and	procedures and diagnostic		
	mputer Application	imaging techniques in		
		veterinary practice		
23 Dr.	P.Thirunavukkarasu	Workshop on "Content	18.03.2019 to	Madras Veterinary
	sistant Professor,	Development" under	20.03.2019	College, Chennai
	partment of Animal	ICAR - NAHEP		
	sbandry Statistics and	programme		
	mputer Application			
	A. Serma Saravana	Participated in the	19.12.2018	Chennai
	idian	National conference		
	sistant Professor	on "Native chicken		
	ot. of Animal Husbandry	production"		
	onomics C, Chennai -7			
	B. Jaya Varathan	Participation of workshop	November 2018	MVC, Chennai
	sistant Professor	at library, <i>publishing in</i>	November 2018	Wive, Chemiai
	ot. of Animal Husbandry	International journals		
	onomics			
	C, Chennai -7			
	B. Jaya Varathan	Participated in the one	10.12.2018	Pondicherry University
Ass	sistant Professor	week Workshop on Basic	-14.12.2018	
Dep	ot. of Animal Husbandry	Econometrics		
l I	onomics			
	C, Chennai -7			
	B. Jaya Varathan	Participation in	27.03.2019	MVC, Chennai
	sistant Professor	the workshop on		
l l	ot. of Animal Husbandry	"Agricultural knowledge		
l l	onomics	management tools"		
	C, Chennai -7	Dorticipation in	27.03.2019	MVC, Chennai
	J. Shilpa Shree sistant Professor	Participation in the workshop on	47.03.2019	IVI V C, Chemiai
l I	ot. of Animal Husbandry	"Agricultural knowledge		
_	onomics	management tools"		
	C, Chennai -7			
	N.Premalatha	Ethno Veterinary practices	April 2018	MVC, Chennai
l I	sistant Professor	in Veterinary Medicine	-	ĺ
30 Dr.0	C.Jayanthy	Ethno Veterinary practices	April 2018	MVC, Chennai
	sistant Professor	in Veterinary Medicine		
l I	T. Sarath	Current concepts and	19.07.18	ICAR-NDRI, Bengaluru
Ass	sistant Professor	frontier technologies	08.08.18	
		for conservation		
		and improvement of		
		indigenous dairy bovine		
22 411	too shing staffa af	genetic resources.	27.00.10	MVC Channai
	teaching staffs of	TANUVAS 10th Clinical	27.09.18 29.09.18	MVC, Chennai
Dep	partment of Clinics	Case Conference on Farm	29.09.18	
		and Companion Animal Practice is scheduled from		
		27th to 29th September		
		2018		

33	Dr.R.Suresh Kumar Assistant Professor	One day workshop on Identifying the needs of dairy farmers in North eastern zone of Tamilnadu	25.09.18	MVC, Chennai
34	Dr.G.R.Bharanidharan Assistant Professor	International conference of the 43 <sup>rd</sup> World Small Animal Veterinary Association Congress	25.09.18 28.09.18	Singa pore
35	Dr.Mohamed Ali Assistant Professor	International conference of the 43 <sup>rd</sup> World Small Animal Veterinary Association Congress	25.08.18 28.08.18	Singapore
36	Dr. Jayanthy C Assistant Professor	Training program on Statistical Analysis and Mathematical Modelling in Veterinary Research	25.10.18 26.10.18	MVC, Chennai
37	Dr. R. Suresh Kumar Assistant Professor	Training program on Statistical Analysis and Mathematical Modelling in Veterinary Research	25.10.18 26.10.18	MVC, Chennai
38	Dr. J. Uma. mageswari Assistant Professor	Training program on Statistical Analysis and Mathematical Modelling in Veterinary Research	25.10.18 26.10.18	MVC, Chennai
39	Dr. L. Nagarajan Dr. P. Sreidevi Dr. D. Chandrasekaran Dr.G.R. Bharanidharan Dr.M. Gokulakrishnan Dr.C.S. Arunaman Dr.C. Jayanthy Dr.J. Umamageswari Dr.R. Suresh Kumar Dr.M.G.Mohamed Ali Dr.H.Prabhavathy Dr.S.Sandhiya Bhavani	One day WASAVA CE outreach program on Computed Tomography in Veterinary Practice	22.11.18	MVC, Chennai
40	Dr.D.Chandrasekaran Assistant Professor	17 <sup>th</sup> World Small Animal Veterinary Association (WASAVA) CE program	23.11.18 25.11.18	Ramoji Film City, Hyderabad
41	Dr.M.Gokulakrishnan Assistant Professor	17 <sup>th</sup> World Small Animal Veterinary Association (WASAVA) CE program	23.11.18 25.11.18	Ramoji Film City, Hyderabad
42	Dr.R.Suresh Kumar Assistant Professor	17th World Small Animal Veterinary Association (WASAVA) CE program	23.11.18 25.11.18	Ramoji Film City, Hyderabad
43	Dr.J.Umamageswari Assistant Professor	National Conference on Agricultural Scientific Tamil	19.11.18 20.11.18	IFPGS, OMR Campus, Chennai
44	Dr.H.Prabhavathy Assistant Professor	National Conference on Agricultural Scientific Tamil	19.11.18 20.11.18	IFPGS, OMR Campus, Chennai

45	Dr.K.Kulasekar	XXXXIV Annual	28.12.18	Anand Agricultural
43	Professor & Head.	Convention of the Indian	28.12.18 30.12.18	University, Anand,
	110103501 & 11cau.	Society for Study of	50.12.10	Gujarat
		Animal Reproduction and	1	Sujurut
		International Symposium	ļ	
		on "Productivity	ļ	
		enhancement through	1	
		augmenting reproductive	1	
		efficiency of livestock for	1	
		sustainable rural economy	1	
46	Dr.T.Sarath	XXXXIV Annual	28.12.18	Anand Agricultural
	Assistant Professor	Convention of the Indian	30.12.18	University, Anand
		Society for Study of	-	Gujarat
		Animal Reproduction and	ļ	
		International Symposium	1	
		on "Productivity	1	
		enhancement through	1	
		augmenting reproductive	1	
		efficiency of livestock for	1	
		sustainable rural economy		
47	Dr.Sandhya Bhavani	CAFT training on Recent	18.01.19	Dept of VCMEJ, MVC,
		advances in clinical	07.02.19	Chennai-7
		procedures and diagnostic	1	
		imaging techniques in	1	
		Veterinary Practice		
48	Dr.H.Prabhavathy	International Conference	22.02.19	MVC, Chennai
		on Role of veterinary	23.02.19	
		science in farmers	1	
<u> </u>		livelihood		
49	Dr.P.Sridevi	7 <sup>th</sup> Pan Commonwealth	03.03.19	Bengaluru
		Veterinary Conference	07.03.19	
		of the Commonwealth	1	
	D. T.C. (1	Veterinary Association	02.02.12	D 1
50	Dr.T.Sarath	7 <sup>th</sup> Pan Commonwealth	03.03.19	Bengaluru
		Veterinary Conference	07.03.19	
		of the Commonwealth	1	
51	Dr I I Imama gagayari	Veterinary Association	20.03.19	MVC, Chennai
31	Dr.J.Umamageswari Dr.C.Jayanthy	National workshop on Recent advances on	20.03.19 22.03.19	ivi v C, Chellial
	Dr.C.Jayantny Dr.H.Prabhavathy	Oncology and Transfusion	44.03.19	
	Dr.H.Prabnavatny DR.Sandhya Bhavani	Medicine in Canines	!	
52	Dr.S.Vairamuthu	Animals in disaster	26.9.18	MVC, Chennai
] ]2	ZI.D. Tuituillullu	1 minute in disastel	27.9.18	in vo, chomiai
53	Dr.S. Vairamuthu	Clinical case conference	28.9.18	MVC, Chennai
			29.9.18	c, chomiui
54	Dr.P.Vikrama	Digital field book for	11.07.18	Arignar Anna Govt. Arts
'	Chakravarthi	biologist		College, Namakkal
55	Dr. Ayyappan, S.	10th FSAPI-CE on	23-11-2018-	
	Professor and Head	companion animal	25-11-2018	Hyderabad, Telangana.
		practice and 17 <sup>th</sup> World	1	
		Small Animal Veterinary	1	
		Association continuing	1	
L		Education programme		
56	Dr. Vijayanand, V.	Applications of	28.11.2018 to	Madras Veterinary
	Assistant Professor	Reverse Genetics and	18.12.2018	College, Chennai
		Transcription Profiling in	1	
		Molecular Pathogenesis	1	
		of Viral Diseases with	1	
		Special reference to Avian	1	
		Viruses		

57	Dr. Vijayanand, V.	ICAR – NAHEP	18.03.2019 to	Madras Veterinary
	Assistant Professor	Programme - Workshop	20.03.2019	College, Chennai.
	Assistant 1101essoi	on "Content Development	20.03.2017	Conege, Chemiai.
58	Dr. Ramesh, R.	Enhancing Core and	11.09.18	GADVASU, Ludhiana.
30	Assistant Professor	Advanced Competency	to 01.10.18	GAD VASO, Ludilialia.
	Assistant Floresson	Skills in Veterinary	10 01.10.16	
	D D 1 D	Imaging and Anaesthesia	20.02.2010.4	N. 1 37 4 .
59	Dr. Ramesh, R.	National workshop on " Recent Advancements on	20.03.2019 to	Madras Veterinary
	Assistant Professor		22.03.2019	College, Chennai
		Oncology and Transfusion		
	D. A.M. d. '	Medicine in Canines	02.07.2010	MAIO CI
60	Dr.A.Methai	10 <sup>th</sup> Clinical case	03.07.2018	MVC, Chennai
<i>C</i> 1	D M 01 01	conference	04.07.2018	) Alice Cl
61	Dr. M. Shiju SImon	10 <sup>th</sup> Clinical case	03.07.2018	MVC, Chennai
		conference	04.07.2018	
62	Dr. M. Shiju Simon	ICAR sponsored CAFT	21.08.2018 to	MVC, Chennai
		training on "Updates in	10.09.2018	
		the disease diagnosis		
		and treatment protocols		
		in Health management		
		of farm and companion		
		animals."		
63	Dr.K.Krishnakumar	4 <sup>th</sup> National Conference	19.11.2018 to	IFPGS-TNJFU –
		on Agricultural Scientific	20.11.2018	Chennai
		Tamil (Acted as Chairman		
		for the Veterinary		
		Sciences Technical		
		Session)		
64	Dr. A. Methai	34 <sup>th</sup> Annual convention of	28.12.2018 to	ANAND,
		ISSAR and International	30.12.2048	Gujarat
		Symposium		
65	Dr. A. Methai	International Conference	22.02.2019 to	MVC, Chennai
		on Role of Veterinary	23.02.2019	
		Science in Farmer's		
		Livelihood Organised by		
		Kalnadai Ariviyal Tamil		
		Iyakkam, Tamil Nadu		
66	Dr.K.Krishnakumar	International Conference	22.02.2019 to	MVC
		on Role of Veterinary	23.02.2019	Chennai
		Science in Farmer's		
		Livelihood Organised by		
		Kalnadai Ariviyal Tamil		
		Iyakkam, Tamil Nadu		
67	Dr. M. Shiju Simon	International Conference	22.02.2019 to	MVC
		on Role of Veterinary	23.02.2019	Chennai
		Science in Farmer's		
		Livelihood Organised by		
		Kalnadai Ariviyal Tamil		
		Iyakkam, Tamil Nadu		
68	Dr. M. Shiju Simon	Content Development	18.03.2019 to	MVC
			19.03.2019	Chennai
		I	17.00.2017	

69	Dr.P. Sankar	CAFT Training	11.09.18 -01.10.18	Ludhiana, Punjab
	Di.i. Sankai	Programme on	(21 Days)	Dadmana, 1 anjao
		"Enhancing Core and	(21 Days)	
		Advanced Competency		
		Skills		
		in Veterinary Surgery,		
		Diagnostic Imaging and		
		Anaesthesia"		
70	Dr.P. Sankar	National Symposium on	22.11.18	Navsari, Gujarat
/0	DI.P. Sankai	Advances in Diagnostic	to 24.11.18	Navsari, Gujarat
		Imaging and Surgical	10 24.11.18	
		Techniques in Farm and		
		Companion Animals		
71	Dr.P.Vikrama Chakravarthi	XVIII annual conference	05 12 10	Amond Coionat
71	Dr.P. vikrama Cnakravartni	of ISVPT and National	05.12.18	Anand, Gujarat
			to 07.12.18	
		symposium on "One		
		health: Veterinary		
		Pharmacology and		
70	D. C. C 4 '1 W	Toxicology Approaches"	21.12.2010	MCCDI O di i
72	Dr.G.Senthil Kumar	Training programme	21.12.2018	VC&RI, Orathanadu
		on "Ethnoveterinary		
	D D W D W	Practices"	26.00.2010	TIDI I
73	Dr P K Ram Kumar	Winter School training	26.09.2018 to	IVRI, Izatnagar, Bareilly
		programme on	16.10.2018	
		"Practicability, Scope		
		and Future Prospects		
		of Ethnobotanicals in		
		Minimizing Antibiotic		
		Resistance "		
74	Dr K Kannan	Winter School training	01.11.2018 to	ICAR National
		programme on "	21.11.2018	Institute of Animal
		Climate change led abiotic		Nutrition and
		and biotic stress in farm		Physiology, Bangalore
		animals and amelioration		
		with nutritional		
		and physiological		
		approaches"		
75	Dr T Arul Kumar	CAFT training	06.02.2019 to	VCRI, Namakkal
		programme on "Strategies	26.02.2019	
		to Overcome the		
		Challenges in Diseases,		
		Nutritional and		
		Managemental Practices		
		for Poultry Production"		
76	Dr N Premalatha	National conference on	19.11.2018 to	Institute of Fisheries
		Agricultural scientific	20.11.2018	Post Graduate studies
		Tamil		(rFPGS), TNJFU, OMR
				campus, Vaniyanchavadi
77	Dr S Senthil Kumar	National Workshop on	20.03.2019 to	Directorate of Clinics,
		"Recent	22.03.2019	MVC Campus,
		Advancements on		TANUVAS, Chennai
		Oncology and Transfusion		
		Medicine in canines		
78	Dr T Arul Kumar	National conference on	19.11.2018 to	Institute of Fisheries
		Agricultural scientific	20.11.2018	Post Graduate studies
		Tamil		(rFPGS), TNJFU, OMR
				campus, Vaniyanchavadi
1	i .	I.	L	1 , , ,

79	Dr S Senthil Kumar	42nd Annual Congress of "Indian Society for Veterinary Surgery and National Symposium on "Advances in Diagnostic Imaging and	22.11.2018 to 24.11.2018	Department of Veterinary Surgery and Radiology, College of Vet Sciences & A.H., Navsari, Gujarat.
		Surgical Techniques in Farm and Campanion Animals"		
80	Dr.K.Balasundaram Professor and Head	Workshop on "Content Development"	21.03.2019 23.03.2019	VCRI, Namakkal
81	Dr.K.Balasundaram Professor and Head	Workshop on "Restructuring Masters and Ph.D curriculum and syllabi for the disciplines under Agricultural Sciences"	22.10.2018 23.10.2018	MVC, Chennai
82	Dr.K.Balasundaram Professor and Head	Training on "Personality Development"	22.01.2019	VCRI, Namakkal
83	Dr.K.Iniyah, Graduate Assistant	Training on "Personality Development"	23.01.2019	VCRI, Namakkal
84	Dr.C.Lavanya Graduate Assistant	Training on "Personality Development"	23.01.2019	VCRI, Namakkal
85	Sathyabama,T.	10 Kerala veterinary Science congress	10.112018 11.11.2018	Kannur,Kerala.
86	Prakash Krupakaran,R.	Personality development training programme	22.01.2019	VCRI, Namakkal
87	Sathyabama,T.		23.01.2019	VCRI, Namakkal
88	Prakash Krupakaran,R. and Sathyabama,T.	Content development	21.03.2019 23.03.2019	VCRI, Namakkal
89	R. Chitra	Workshop on "Content Development"	21-03-2019 23-03-2018	VCRI, Namakkal
90	R. Chitra	Training programme on "Personality Development"	22.01.2019	VCRI, Namakkal
91	V.Senthilkumar	Workshop on "Content Development"	21.03.2019 23.03.2019	VCRI, Namakkal
92	V.Palanichamy	Training programme on "Personality Development"	23.01.2019	VCRI, Namakkal
93	V.Senthilkumar	Training programme on "Personality Development"	22.01.2019	VCRI, Namakkal
94	M.Geetha	Applied Aspects of Statistical Modeling and Inferences in Veterinary and Animal Sciences	21.08.2018 10.09.2018	GADUVASULudhiana
95	G. Selvaraju	Personality development	22.01.2019	VCRI, Namakkal
96	M.Geetha	Personality development	23.01.2019	VCRI, Namakkal
97	M.Geetha	ICAR – IDP – NAHEP workshop on Content development	21.3.2019 23.03.2019	VCRI, Namakkal
98	Dr. D. Anandha Prakash Singh	International symposium on "Animals in Disaster"	26.09.2018 27.09.2018	MVC, Chennai
99		Personality development programme	22.01.2019	VC&RI, Namakkal

100		National conference	23.01.2019	Mannythy Vacrala
100				Mannuthy, Kearala
		on Innovations in	25.01.2019	
		Animal Production		
		for Sustainability and		
		Doubling Farmers Income		
101	Dr.S.Ramakrishnan,	National conference	23.01.2019	Mannuthy, Kerala.
	Professor	on Innovations in	25.01.2019	
		Animal Production		
		for Sustainability and		
		Doubling Farmers Income		
102		Personality development	22.01.2019	VC&RI, Namakkal
		programme		
103	Dr.V. Chandirasekaran	Personality development	23.01.2019	VC&RI, Namakkal
		programme		
104	Dr.V.Boopathi	Exploring the	28.11.19	Dept. of Poultry Science,
	Assistant Professor	technological approaches	18.12.19	VC& RI, Namakkal
		for enhancing the nutritive		
		value and marketing of		
		poultry products"		
105		Personality development	23.01.2019	VC&RI, Namakkal
		programme		,
106	Dr.V.Kannan	Kissan Samridhi Mela	24.08.2018	Coimbatore
	Assistant Professor		26.08.2018	
107		"Exploring the	28.11.19	Dept. of Poultry Science,
		technological approaches	18.12.19	VC& RI, Namakkal
		for enhancing the nutritive	10.12.19	, coo rei, riumumum
		value and marketing of		
		poultry products"		
108		National conference		MVC, Chennai
100		on "Native chicken	20.12.2018	Wive, Chemia
		production: Opportunities	20.12.2010	
		for conservation,		
		productivity enhancement		
		and commercial		
		exploitation in view of		
		global warming"		
109				Department of Veterinary
107		One day training programme on "Ethno		1 -
		veterinary practices"	21.12.2018	Pharmacology and
		vetermary practices	21.12.2018	Toxicology, VC&RI, Orathanadu
110		Dangan alita dan dan da	22.01.2010	
110		Personality development	23.01.2019	VC&RI, Namakkal
111	D D C Lat. 1:	programme	22 01 2010	VC0 DL N. 11 1
111	Dr.R.Sakthivadivu	Personality development	22.01.2019	VC&RI, Namakkal
110	D A M	programme	00.05.2010	) and of
112	Dr. A. Natarajan,Ph.D.,	Service Tax Meeing	09.05.2018	MVC, Chennai
	Professor and Head,		-	
	AFAQAL.			
113	Dr. A. Natarajan,Ph.D.,	Attended one day	28.05.2018	Kochin, Kerala.
	Professor and Head,	Laboratory Course on	-	
	AFAQAL.	ISO/IEC 17025:2017 by		
		NABL, New Delhi		

114	Dr.S.Senthilkumar,Ph.D., Assistant Professor, AFAQAL	Participated in the 21 days ICAR sponsored Summer school on "Production and post production intervention to increase returns from livestock enterprises - a step towards doubling farmers income"	19.06.2018 09.07.2018	Division of Livestock Production Management, Jammu & Kashmir
115	Dr. A. Natarajan,Ph.D., Professor and Head, AFAQAL.	GST Meeting	21.06.2018	Chennai
116	Dr.S.Senthilkumar, Ph.D., Assistant Professor, AFAQAL	Delivered guest lecture on Feeding Management of Pigs in the Off campus / On campus training programme under the scheme on Pig husbandry based integrated approach for empowerment of SC/ ST rural women of Kolli hills of Tamilnadu	18.09.2018	Dept. of Livestock Production Management (LPM), VCRI, Namakkal
117	Dr.S.Senthilkumar, Ph.D., Assistant Professor, AFAQAL	Delivered guest lecture on Nutrition Management in chicks and growers on 26.09.2018 in the 6 days training programme under skill training for rural youth (STRY) 2018-19 on Poultry Rearing and Management from 24.09.2018 to 29.09.2018	26.09.2018	Veterinary University and Training Centre (VUTRC), Tiruvannamalai
118	Dr. R.Kavitha, MVSc., Assistant Professor, AFAQAL.	Attended Training Programme on "Statistical Analysis and Mathematical Modelling in Veterinary Research"	25.10.2018 26.10.2018	Department of Animal Husbandry, MVC, Chennai.
119	Dr. A. Natarajan,Ph.D., Professor and Head, AFAQAL.	Atended Kick-Off meeting with UK Partners in AMR Project	25.11.2018 27.11.2018	NIAB, Hyderabad
120	Dr. A. Natarajan,Ph.D., Professor and Head, AFAQAL.	Attended12th Annual Review Meeting on GKMS	03.12.2018 05.12.2018	Regional Agricultural Research Station, Tirupathi, Andhra Pradesh.
121	Dr. R.Kavitha, MVSc., Assistant Professor, AFAQAL.	Training programme on "ISO/IEC 17025:2017 Laboratory Management System Implementation and Internal Auditors Training	11.12.2018 14.12.2018	Chennai.
122	Dr. R.Kavitha, MVSc., Assistant Professor, AFAQAL.	Personality Development Training Programme	22.01.2019	VC&RI, Namakkal.
123	Dr. A. Natarajan,Ph.D., Professor and Head and Dr.S.Senthilkumar, Ph.D., Assistant Professor, AFAQAL.	Personality Development Training Programme	23.01.2019	VC&RI, Namakkal.

124	Dr.S.Senthilkumar, Ph.D., Assistant Professor, AFAQAL.	Participated in International Tamil Conference on Role of Veterinary Science in Farmer's Livelihood	22.02.2019 23.02.2019	TANUVAS, Chennai
125	Dr. A. Natarajan,Ph.D., Professor and Head, AFAQAL.	Participated in "7 <sup>th</sup> Pan Commonwealth Veterinary Conference"	04.03.2019 05.03.2019	ICAR - NIANP, Bangalore
126	Dr.R.SaravananAssistant Professor	Training program on "Training Course on Statistical Approaches and Tools in Dairy Genetic and Genomic Evaluation" (USO No:20004/A3/2018 dated 02-04-2018, of the Registrar TANUVAS Chennai)	09.04.2018 13.04.2018	BAIF Development Research Foundation, Pune
127	Dr. P.Gopu Assistant Professor	ICAR summer school on "Production and Post-production Interventions to Increase Returns from Livestock Enterprises: A step towards Doubling Farmer's Income" (USO. No: 20102/A3/2018 dated 17.05.2018 of the Registrar, TANUVAS, Chennai).	19.06.2018 09.07.2018	Division of livestock production and management, SKUAST, Kashmir
128	Dr. R. Saravanan and Dr. M. Malarmathi Assistant Professor	Training program on "Regional Training Programme for Nominees of CPCSEA" (Lr. No. 5409 & 5411/ Estt/C2/2018, dated 19.07.2018, of the Dean VCRI Namakkal).	19.07.2018 20.07.2018	Madras Veterinary College, Chennai
129	Dr.P.Gopu, Assistant Professor	International conference on "Recent Trends in Zoology, Biodiversity, Genetics and Environmental Sciences (USO.No.20709/A3/2018 dated 4.12.2018 of the Registrar, TANUVAS, Chennai)	04.12.2018 05.12.2018	Department of Zoology, Bangalore University, Bangaluru.
130	S.Senthilkumar	Summer school on "Production and post production intervention to increase returns from livestock enterprises - a step towards doubling farmers income"	19.06.2018 09.07.2018	SKUAST, Kashmir, Shuhama Campus, Alusteng, Srinagar, JAMMU & KASHMIR
131	M.R.Purushothaman, P. Vasan, T. Hariharan, P.C.Sakthivel and N.Muthusamy	Personality Development training	22.01.2019 23.01.2019	VCRI, Namakkal

132	P.C.Sakthivel	Workshop on "Content Development"	21.03.2019 23.03.2019	VCRI, Namakkal
133	P.Vasan	Orientation training programme for Co-coordinators under the scheme TNIAMP-Sensitizing farmers on Nutritional Supplemental Strategy developed at TANUVAS to increase productivity in dairy cattle and mitigate methane emission	11.2.2019 12.2.2019	MVC, Chennai
134	Dr. Senthilkumar K	Updating knowledge and skill in conservation of Indigenous breeds	19.07.18 08.08.18	ICAR-NDRI, Aadugudi, Bengaluru,
135	Dr.Selvaraju, M	ICAR-BSMA Veterinary Clinical Subjects	24.09.2018 25.09.2018	Gandhinagar, Gujarat
136	Dr.Selvaraju, M	XXXIV Annual Convention of the Indian Society for Study of Animal Reproduction and International Symposium on "Productivity Enhancement through Augmenting Reproductive Efficiency of Livestock for Sustainable Rural Economy"	28.12.2018 30.12.2018	College of Veterinary Science & Animal Husbandry AAU, Anand
137	Dr.Ravikumar, K	XXXIV Annual Convention of the Indian Society for Study of Animal Reproduction and International Symposium on "Productivity Enhancement through Augmenting Reproductive Efficiency of Livestock for Sustainable Rural Economy"	28.12.2018 30.12.2018	College of Veterinary Science & Animal Husbandry AAU, Anand
138	Dr.Prakash, S	XXXIV Annual Convention of the Indian Society for Study of Animal Reproduction and International Symposium on "Productivity Enhancement through Augmenting Reproductive Efficiency of Livestock for Sustainable Rural Economy"	28.12.2018 30.12.2018	College of Veterinary Science & Animal Husbandry AAU, Anand
139	Dr.G.Kumaresan	Personality development training	22.01.2019	VCRI, Namakkal
140	Dr.G.Kumaresan	workshop on" Probiotics  – Ambassador of Human  Health"	15.2.2019	College of Dairy Science, Hebbal, UAS, Bangalore

141	Dr.G.Kumaresan	Content Development	21.03.2019	VCRI,Namakkal
142	Dr.C.Pandiyan	Personality development	23.03.2019 23.01.2019	VCRI, Namakkal
143	Dr.N.Karthikeyan	training  Content Development	21.03.2019	VCRI, Namakkal
144	Dr.A.Poorani	Personality development	23.03.2019 22.01.2019	VCRI, Namakkal
145	Dr.S.Banupriya	training  Personality development training	22.01.2019	VCRI, Namakkal
146	Dr.K. Sivakumar	International symposium on Animal in Disaster	26.09.18 27.09.18	Madras Veterinary College, Chennai
147	Dr.V. Ramesh	International symposium on Animal in Disaster	26.09.18 27.09.18 27.09.18	Conege, Chemiai
148	Dr.N.Bharathy	Preparation of model bankable projects for livestock and poultry farms"	29.01.19 31.01.19	VC&RI, Namakkal
149	Dr.V.Ramesh	International Tamil conference "Role of Veterinary Science in Farmers livelihood"	22.02.19 23.02.19	Madras Veterinary College, Chennai
150	Dr.K.Chinnamani	International Tamil conference "Role of Veterinary Science IN Farmers livelihood"	22.02.19 23.02.19	Madras Veterinary College, Chennai
151	Dr.V.Ramesh	Workshop on "Content development"	21.03.19 23.03.19	VC&RI, Namakkal
152	Dr. P. Sivakumar.	Content development	21.03.2019 23.03.2019	Veterinary College and Research Institute, Namakkal.
153	Dr.R.Rajkumar, Dr.M.Muthulakshmi,	Kisan mela	24.08.2018	Kodissia Grounds, Coimbatore
154	Dr.S.Banupriya.	T :: D 1:	26.08.2018	77.4
154	Dr. V.V. Kulkarni, Dr. P. Sivakumar, Dr. R. Rajkumar, Dr. M. Muthulakshmi, Dr. K. Rajendrakumar, Dr. R. Ilavarasan.	Training on Personality Development	22.01.19 23.01.19	Veterinary College and Research Institute, Namakkal.
155	Dr. V. V. Kulkarni	Agricultural Science Congress	20.2.19	New Delhi.
156	Dr.V V Kulkarni	FSSAI Meeting	15.03.2019 28.03.2019	New Delhi
157	Dr.V V Kulkarni	Regional Training Programme for Nominees of CPCSEA	19.07.2018 20.07.2018	Madras Veterinary College .
158	Dr.V V Kulkarni	Livestock Production Committee meeting	06.6.2018	Chennai
159	N.Narmatha Professor & Head	Designing curricula for Master's and Doctoral degree programme in the discipline of Veterinary and Animal Husbandry Extension	10.08.2018	Madras Veterinary College, Chennai

160	D.Thirunavukkarasu Assistant Professor	Designing curricula for Master's and Doctoral degree programme in the discipline of Veterinary and Animal Husbandry Extension	10.08.2018	Madras Veterinary College, Chennai
161	V.Uma Assistant Professor	Technology smart Intervention for doubling livestock farmers income: Strategies & approaches	30.07.2018 08.08.2018	NIANP, Bangalore
162	N.Narmatha Professor & Head	Staff Information System Software	20.03.2019	VC&RI, Namakkal
163	N.Narmatha Professor & Head	Workshop on Content Development	21.03.2019 23.03.2019	VC&RI, Namakkal
164	Dr. K. Mohanambal	Novel approaches in disease diagnosis via imaging modalities in Veterinary Clinical Practice	01.08.2018 10.08.2018	MVC, Chennai
165	Dr. R. Ravi	Diagnosis and surgical management of ruminant disorders.	01.08.2018 21.08.2018	Hisar
166	Dr.G.Vijayakumar	First national workshop of ICAR-BSMA committee for Veterinary Clinical Subjects	24.09.2018 25.09.2018	Kamadhenu Univeristy, Gujarat
167	Ms.A. Malathi	Personality Development Training Programme	29.10.2018 30.10.2018	Veterinary College and Research Institute, Namakkal
168	Dr. K. Mohanambal	Kerala Veterinary Congress, 2018	10.11.2018 11.11.2018	Kerala, Kannur
169	Dr. S. Sivaraman	Kerala Veterinary Congress, 2018	10.11.2018 11.11.2018	Kerala, Kannur
170	Dr. G. Vijayakumar	Computed Tomography in Veterinary Practice	22.11.2018	MVC, Chennai
171	Dr. R. Ravi	Computed Tomography in Veterinary Practice	22.11.2018	MVC, Chennai
172	Dr. S. Sivaraman	Training on Veterinary Clinical Medicine in collaboration with OIE to enhance competency of medicine faculties and Field Veterinarians of Bangladesh	27.10.2018 01.11.2018	Veterinary and Animal Sciences University, Chittagong
173	Dr. S. Sivaraman	2 <sup>nd</sup> International workshop on bovine udder health control program in dairy cow's of Bangladesh	23.10.2018 25.10.2018	Veterinary and Animal Sciences University, Chittagong
174	Dr.S.Sivaraman	Personality development for teaching faculty	22.01.2019	VCRI, Namakkal
175	Dr.R.Ravi	Personality development for teaching faculty	22.01.2019	VCRI, Namakkal
176	Dr.G.Vijayakumar	Personality development for teaching faculty	23.01.2019	VCRI, Namakkal,
177	Dr.E. Venkatesakumar	Personality development for teaching faculty	23.01.2019	VCRI, Namakkal,

178	Dr. K. Mohanambal  Dr.G.Vijayakumar	ICAR 21 days winter school CAFT training ("Recent Advances in Clinical Procedures and Diagnostic Imaging Techniques in Veterinary Medicine")  37th Annual Convention	18.01.2019 07.02.2019	MVC, Chennai  RAJUVAS, Bikaner,
		of Indian Society for Veterinary Medicine ("Holistic Approach in Veterinary Medicine for Better Animal Health to Meet Challenges of One Health Mission")	03.02.2019	India
180	Dr.E.Venkatesakumar	International Tamil Conference	22.02.2019 23.02.2019	MVC, Chennai
181	Dr.K.Mohanambal	7 <sup>th</sup> Pan Commonwealth	03.03.2019	Bangalore
		Veterinary Conference, 2019	07.03.2019	
182	Sukumar, K Professor and Head	NIPAH virus Preparedness for the Veterinarians of State Animal Husbandry department and Faculty of TANUVAS	25.05.2018	Madras Veterinary College, Chennai-7
183	Sukumar, K Professor and Head	knowledge sharing session on "Biosecurity: Profit beyond production"	13.07.2018 17.07.2018	Bishkek, Kyrgyzstan
184	Sukumar, K Professor and Head	Personality development programme	22.01.2019	VC&RI, Namakkal
185	Raja, A Professor	Restructuring of PG syllabus and curriculum for Animal Biotechnology	22.10.2018 23.10.2018	Madras Veterinary College, Chennai
186	Saravanan, S Professor	knowledge sharing session on "Biosecurity: Profit beyond production"	13.07.2018 17.07.2018	Bishkek, Kyrgyzstan
187	Saravanan, S Professor	Avian Immunology Research Group (AIRG) conference	04.09.2018 09.09.2018	University of Oxford (St Catherine's College) with the support from the Oxford Global Challenges Research Fund (GCRF), London
188	Saravanan, S Professor	Native chicken production: Opportunities for conservation, productivity enhancement and commercial exploitation in view of global warming	19.12.2018 20.12.2018	Poultry Research Station, Directorate of Center for Animal Production Studies, TANUVAS, Chennai
189	Saravanan, S	Personality development	22.01.2019	VC&RI, Namakkal
100	Professor	programme	21.02.2010	MC0DIN 11 1
190	Suresh, P Assistant Professor	Content Development ICAR NAHEP-IDP TANUVAS	21.03.2019 23.03.2019	VC&RI, Namakkal

191	Arthanari Eswaran. M Assistant Professor	ICAR 31st CAFT Course on "Diagnosis and Control of Emerging and Re-emerging Trans- boundary Diseases of Poultry"	07.02.2018 27.02.2018	Department of Veterinary Microbiology, LalaLajpatRai University of Veterinary and Animal Sciences Hisar, Haryana,
192	Arthanari Eswaran. M Assistant Professor	Personality development programme	23.01.2019	VC&RI, Namakkal
193	Chitradevi, S Assistant Professor	Poultry respiratory diseases: Shared research and diagnostic approaches	19.07.2018	Madras Veterinary College, Chennai-7
194	Chitradevi, S Assistant Professor	Application of reverse genetics and transcription profiling in molecular pathogenesis of viral diseases with special reference to avian viruses	28.11.2018 18.12.2018	Madras Veterinary College, Chennai-7
195	Chitradevi, S Assistant Professor	Personality development programme	22.01.2019	VC&RI, Namakkal
196	Ponnusamy,P Assistant Professor	Personality development programme	23.01.2019	VC&RI, Namakkal
197	Sumitha, P Graduate Assistant	Personality development programme	23.01.2019	VC&RI, Namakkal
198	G.Ponnudurai Professor and Head	28th National congress of Veterinary Parasitology and National symposium on Novel technologies and strategies for sustainable control of parasitic diseases of livestock, poultry and public health significance	28.01.2019 30.01.2019	Dept. of Veterinary Parasitology, College of Veterinary Science, Tirupathi
199	G.Ponnudurai Professor and Head	Content development	21.03.2019 23.03.2019	VC&RI, NKL
200	Dr.R.Velusamy Assistant Professor	Foldscope as a tool to screen parasitic infection in wild animals	12.03.2019	Dept. of Wild Life Science, MVC, Chennai
201	Dr.P.Anbarasi Assistant Professor		26.03.2019	
202	Dr. A. Arulmozhi	CAFT training on Recent approaches in Diagnostic Pathology and Oncology	12.11.2018 02.12.2018	Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana
203	Dr. M. Sasikala	CAFT training on "A short course on Diagnostic methods and control of emerging parasitic diseases"	10.01.2019 30.01.2019	Karnataka Veterinary, Animal and Fisheries Sciences University, Regional Campus, Veterinary College, Hebbal, Bengaluru
204	Dr. A. Arulmozhi	Workshop on "Histopathology and Immunohistochemistry Diagnosis of Animal Tumors	04.02.2019 08.02.2019	MVC, Chennai
205	Dr. M. J. Raja	Veterinary Tamil Conference 2019	09.02.2019 10.02.2019	MVC, Chennai

206	Dr. M. J. Raja, Dr. P. Mekala and Dr. M. Sakthi Priya Assistant Professors	Kerala Veterinary Science Congress 2018	10.11.2018 11.11.2018	Kannur
207	Dr. M. J. Raja, Dr. P. Mekala Assistant Professors	XVIII Conference of Indian Society of Veterinary Pharmacology & Toxicology (ISVPT)	05.12.2018 07.12.2018	Anand, Gujarat
208	Dr. P. Sankar Assistant Professor	Winter School on "Practicability, Scope and Future Prospects of Ethnobotanicals in Minimizing Antibiotic Resistance"	26.09.18 16.10.18	Indian Veterinary Research Institute, Izatnagar, Bareilly.
209	Dr. P. Mekala Assistant Professor	Certificate course in Laboratory Animal Science	19.09.2018 29.09.2018	Madras Veterinary College campus, Chennai
210	Dr.P. Visha Assistant Professor	Workshop on "Experimental workshop on Cardiovascular Physiology and Pharamacology"	01.06.2018 02.06.2018	SASTRA University, Thanjavur
211	Dr.K.Devipriya Assistant Professor	"Augmentation of Animal Productivity under changing Socio-economic scenario"	27.11.2018 28.11.2018	NDRI, KARNAL
212	Dr.K.Devipriya Assistant Professor	Workshop on "Awareness about the Plagiarism among research scholars"	09.11.2018	VCRI, Namakkal
213	Dr.P.Selvaraj Professor and Head	Training programme on "Personality Development"	22.1.2019	VCRI, Namakkal
214	Dr.S.Jayachandran, Professor	Training programme on "Personality Development"	22.1.2019	VCRI, Namakkal
215	Dr.K.Devipriya Assistant Professor	Training programme on "Personality Development"	22.1.2019	VCRI, Namakkal
216	Dr.P.Selvaraj Professor and Head	Workshop on "Content development"	21.3.2019 23.3.2019	VCRI, Namakkal
217	Dr.S.Jayachandran, Professor	Workshop on "Content development"	21.3.2019 23.3.2019	VCRI, Namakkal
218	Jayakumar, K	Recent advances in clinical procedures and diagnostic imaging techniques in veterinary practice	18.01.2019 07.02.2019	Madras Veterinary College, Chennai
219	Kumaresan, A	Content developer under national higher education programme of ICAR scheme	21.03.2019 23.03.2019	VCRI, Namakkal
220	T.Ravimurugan Associate Professor and Head	International Conference on "Role of Veterinary Science in Farmers Livelihood"	22&23 February 2019	Madras veterinary College, Chennai - 7
221	T.Ravimurugan Associate Professor and Head	National Conference on Innovations in Animal Production for Sustainability and Doubling Farmers Income	23-25 January 2019	College of Veterinary and Animal Sciences, Mannuthy, Thrissur, Kerala

222	M.Seevagan Assistant Professor	Training programme for TANUVAS faculty members on Ethnoveterinary Medicine'	10.05.2018 - 11.05.2018	Veterinary College and Research Institute, Tirunelveli.
223	M.Seevagan Assistant Professor	Winter school training programme on "Recent advancement in recording, analysis and interpretation of novel phenomics of livestock"	From 16.11.2018 To 06.12.2018	ICAR-Indian Veterinary Research Institute, Izatnagar, Bareilly (UP)
224	S. Dharmaceelan Professor and Head	Training on Ethnoveterinary medicine	10-05-2018 to 11- 05-2018	VC & RI, Tirunelveli
225	S. Kokila Assistant Professor	Training on Ethnoveterinary medicine	10-05-2018 to 11- 05-2018	VC & RI, Tirunelveli
226	A. R. Ninu Assistant Professor	28 Days -160 <sup>th</sup> Orientation By UGC- HRDC	16-01-2019 to 12- 02-2019	University of Kerala, Karyavattom, 28 days,
227	S. Kokila Assistant Professor	21 Days- Recent advances in clinical procedures and diagnostic imaging techniques in veterinary practice	18-01-2019 to 07- 02-2019	CAFT, Dept. Of Veterinary Medicine, MVC, Chennai
228	D.Vishnugurubaran Assistant Professor	21 days- ICAR Summer school on Diagnostic and therapeutic management of surgical disorders of ruminants	01.08.2018 to 21.08.2018	Department of VSR, COVS, LUVAS, Hisar, Haryana
229	S. Dharmaceelan Professor and Head	XLII Annual Congress of ISVS and National Symposium	22-11-18 to 24-11-2018	Navsari Agriculture University, Gujarat
230	D.Vishnugurubaran Assistant Professor	XLII Annual Congress of ISVS	22-11-18 to 24-11-2018	Navsari Agriculture University, Gujarat
231	S. Rajathi Assistant Professor	Statistical Analysis and Mathematical modelling in Veterinary Research	25.10.2018- 26.10.2018	MVC, Chennai
232	S. Rajathi Assistant Professor	International Conference on Role of Veterinary Science in Farmers Livelihood	22.02.2019- 23.02.2019	MVC, Chennai
233	S. A Sivakumar Assistant Professor	Orientation Training Programme for newly recruited Assistant professor	05.03.2018- 15.03.2018	Madras Veterinary College, Chennai,
234	S. Paramasivan Professor and Head	Training programme on Ethno-Veterinary Medicine - Batch II	10.05.2018 - 11.05.2018	VCRI, Tirunelveli,
235	S. A. Sivakumar Assistant Professor	21 days Winter school training Programme	14.11.2018- 04.12.2018	DUVASU,Mathura,

236	R. Selvam Assistant Professor	International Conference on "Role of Veterinary Science in Farmers Livelihood"	22&23 February 2019	Madras veterinary College, Chennai - 7
237	R. Selvam Assistant Professor	Training on Advanced Bioinformatics tools and its Applications in Agriculture",	25.09.2018 to 29.09.2018	ICAR-National Academy of Agricultural Research Management, Hyderabad.
238	M.Sutha Assistant Professor	ICAR Winter school training programme on Recent engineering interventions in food and by-products processing for sustainable growth and profitability	05.10.2018 to 25.10.2018	ICAR-CIPHET, Ludhiana, Punjab
239	M. Anna Anandh Associate Professor and Head	International Symposium and 8th Conference of Indian Meat Science Association (IMSACON VIII) on the "Technological Innovations in Muscle food processing for National Security, Quality and Safety",	22.11.2018 to 24.11.2018	West Bengal University of Animal and Fishery Sciences, Kolkata
240	M. Anna Anandh Associate Professor and Head	National conference on "Eco – waste management- NCEM- 2019"	25.01.2019	PG Department of Zoology, Government Arts College, Melur, Madurai
241	M. Anna Anandh Associate Professor and Head	IV annual convention of association of Meat Scientists and Technologists and National seminar on "Food Sovereignty: Innovations at intersection of Technology, Quality and Production"	06.02.2019 to 07.02.2019	NTR College of Veterinary Science, Gannavaram, Andhra Pradesh
242	G. Balakrishnan Professor S. Parthiban	Training Programme on "Ethnoveterinary Medicine"	10.05.2018 to 11.05.2018	VCRI, Tirunelveli
	Assistant Professor			
244	G. Balakrishnan Professor	One day orientation programme on Nipah virus preparedness for the Veterinary of State Animal Husbandry and Faculty of TANUVAS	08.06.2018	TANUVAS
245	G. Balakrishnan Professor	Isolation and purification of outer membrane proteins from anaerobes and determination of their immunoreactivity for protection	18.09.2018 to 27.09.2018	Division of Veterinary Microbiology and Immunology, FVSc &A.H, SKUAST, Kashmir

246	M. Prabhu Assistant Professor	ICAR-CAFT training on "Recent Advances in Cell based Technologies for Animal Disease Diagnostics and Therapeutics	11.10.2018 to 31.10.2018	Lala Lajpat Rai University of Veterinary and Animal Sciences, Hisar, Haryana
247	G. Balakrishnan Professor	Demonstration of Holo Suit	16.02.2019	MVC, Chennai
248	G. Balakrishnan Professor	Workshop on "VETINFORMATICS"	04.03.2019 to 08.03.2019	MVC, Chennai
249	N. Arulnathan Assistant Professor	Ethno Veterinary Medicine Training programme for faculty of VCRI, Tirunelveli (Batch II)	10.05.18	VCRI, Tirunelveli
250	M. Chellapandian Professor and Head	Orientation training programme for Co-coordinators under the scheme TN-IAMP Sensitizing farmers on "Nutritional Supplemental Strategy" developed at TANUVAS to increase productivity in dairy cattle and mitigate methane emission	11.02.19 & 12.02.19	MVC, Chennai
251	Arulnathan, N. Assistant Professor	-do-	-do-	-do-
252	Chellapandian, M. Professor & Head	Online "Staff Information System" software demonstration training by staff of CESONDS, TANUVAS	11.03.19	VCRI, Tirunelveli
253	Sridhar, R Professor and Head	Ethno veterinary medicine training	10.05.2018- 11.05.2018	VCRI, Tirunelveli
254	Sridhar, R Professor and Head	Bioinformatics in animal sciences	18.06.2018 to 22.06.2018	Madras Veterinary College, Chennai
255	Sridhar, R Professor and Head	Cetacean Necropsy & Treatment Veterinary Training Workshop	06.07.2018	Goa
256	Sridhar, R Professor and Head	Hands-on training programme on 'Forensic approach to investigating wildlife crime including crime scene investigation' for Forest officers of Tamil Nadu	24.09.2018 to 28.09.2018	AIWC campus, Arignar Anna Zoo, Vandalur, Chennai
257	Sridhar, R Professor and Head	"Marine Mammal Stranding Training"	06.10.2018	Pune
258	Kumar, V Assistant Professor	ICAR-CAFT training programme "Recent approaches in diagnostic Pathology and Oncology"	12-11-2018 to 02- 12-2018	College of Veterinary Science, Ludhiana, Punjab
259	Sridhar, R Professor and Head	Workshop on "In Silico Molecular Modeling and Drug Designing"	07-11 January 2019	Bioinformatics centre, MVC, Chennai

260	Sridhar, R Professor and Head	International	22.02.2019 and	MVC, Chennai
		Tamil Conference on Role	23.02.2019	
		of Veterinary Science in		
2.1		Farmers Livelihood	26.02.2010	) and at
261	Sridhar, R Professor and Head	Workshop on "Foldscope as a tool to screen	26.03.2019	MVC, Chennai,
		parasitic infections in wild		
		animals"		
262	Gopal, K	Ph.D	October, 2018 to	VCRI, Namakkal
202	Assistant Professor	111.10	till date	VCKI, Ivaniakkai
263	Mohanapriya, T Assistant	National Symposium	22.10.2018 to	Sardarkrushinagar,
	Professor	on "Recent Advances in	24.10.2018	Dantiwada Agricultural
		Veterinary Pathology and		University, Gujarat
		Disease diagnosis for		
		sustainable livestock and		
		Poultry Production"		
264	Ramesh, K	Study tour for the Course	11.07.2018	VCRI, Namakkal
	Assistant Professor	Veterinary Physiology-II to II B.V.Sc. & A.H 2016		
		-17 Batch		
265	Loganathasamy, K.	International Symposium	26.09.2018 to	Madras Veterinary
	Associate Professor & Head	on "Animals in Disaster"	27.09.2018	College,
				Chennai-07
266	Sundaravinayaki, M	National Workshop of	22.10.2018 to	Madras Veterinary
	Assistant Professor and	ICAR-Broad Subject	23.10.2018	College, Chennai
	Lakshmi Prasanth, T,	Matter Area Committee		
	Assistant Professor	for Basic Veterinary		
267	Sundaravinayaki, M	Subjects Fourth National Tamil	November 19-20,	Institute of Fisheries
207	Assistant Professor	conference, Agricultural	2018	Post Graduate Studies,
	1 10010 00110 1 1010001	Scientific tamil society,	2010	Vaniyanchavadi, Chennai
		New Delhi		- 103
268	Ramesh, K	21 days Winter school	November 1 –	National Institute of
	Assistant Professor	training programme	21, 2018	Animal Nutrition and
		on "Climate change		Physiology, Bengaluru,
		led abiotic and biotic		Karnataka
		stress in farm animals and amelioration		
		with nutritional and		
		physiological approaches"		
269	Loganathasamy, K	Kalanadai ariviyal tamil	Feb 22-23, 2019	Madras Veterinary
	Associate Professor & Head,	iyakkam- International	ĺ	College, Vepery,
	Sundaravinayaki, M	conference on" Role of		Chennai-7
	Assistant Professor	Veterinary Science in		
	& Ramesh, K	Farmer's Livelihood"		
270	Assistant Professor	ICAD Correct	02/05/2010	Danastasan CA : 1
270	S. Vasantha Kumar Assistant Professor	ICAR – Sponsored summer school on	02/05/2018 to 22/05/2018	Department of Animal
	Assistant F101ess01	conservation of	(21 days)	Genetics and Breeding Madras Veterinary
		indigenous livestock	(21 days)	College
		germplasm: An Avant-		Chennai-7
		grade approach to success		
271	S.Vasantha Kumar	10 <sup>th</sup> Kerala Veterinary	10/11/2018	Kannur, Kerala
	l	1 0 . 0	4 11/11/2010	1
	Assistant Professor	Science Congress Kannur Kerala	to 11/11/2018	

272	T.Ravimurugan Associate Professor & Head	Online "Staff Information System" software demonstration training by staff of CESONDS, TANUVAS	11.03.19	VCRI, Tirunelveli
273	K.Kanagarajadurai Assistant Professor	International Conference on "Genome Biology and Informatics In Health Sciences".	from 06.04.2018 to 07.04.2018	SASTRA Deemed University, Thanjavur Tamil Nadu,
274	V.Ramakrishnan Assistant Professor	National workshop on "Hands-on-Training in Isolated heart, Isolated tissue & Hemodynamic Research Techniques in Rodents".	From 08.05.2018 to 09.05.2018	Aligar Muslim University, Aligar.
275	K.Kanagarajadurai Assistant Professor	Training programme on 'Ethnoveterinary Medicine' for TANUVAS faculty (Batch-II) under SIF-Scheme- EVHPR&DC	10.05.2018 – 11.05.2018	VCRI, TNI.
276	V.Suresh Kumar Assistant Professor	ICAR-Sponsored Winter School on "Practicability, Scope and Future Prospects of Ethnobotanicals in Minimizing Antibiotic Resistance".	26-09-2018 to 16-10-2018	Division of Medicine, ICAR- IVRI, Izatnagar, Bareilly-243122, U.P.
277	V.Suresh Kumar Assistant Professor	10th KVSC, 2018	10.11.2018 to 11.11.2018	Kannur, Kerala
278	V.Suresh Kumar Assistant Professor	International conference on "The Role of Toxicology in Public Health"	13.12.2018 & 14.12.2018.	Organized by Centre for Animal Research Training and Services, Central Inter- Disciplinary Research Facility, Sri Balaji Vidyapeeth, Puducherry, at Mahatma Gandhi Medical and Research Institute, Puducherry
279	S. Rajagunalan Assistant Professor	Training on Ethnoveterinary medicine	10-05-2018 to 11- 05-2018	VCRI Tirunelveli
280	A. Sundar Assistant Professor	Applied Aspects of Statistical Modeling and Inferences in Veterinary and Animal Sciences	21.08.2018 to 10.09.2018	Department of Animal Genetics and Breeding College of Veterinary Science, GADUVASU, Ludhiana
281	S. Rajagunalan Assistant Professor	CAFT training programme on "Rapid biosensors and micro techniques for monitoring contaminants and adulterants in dairy foods"	04.01.2019 to 24.01.2019	ICAR-NDRI, Karnal
282	S. Rajagunalan Assistant Professor	Demonstration of Holo Suit	16.02.2019	MVC, Chennai

283	P.A.Enbavelan Assistant	21days ICAR-CAFT-	01-21.08.2018	LUVAS, Hisar, Haryana
203	Professor	Summer School-	01-21.00.2010	LO VAS, Ilisai, Italyalia
	110105501	Diagnostic and		
		therapeutic management		
		of surgical disorders of		
		ruminants		
284	P.A.Enbavelan Assistant	Animals in Sangam Age		MVC, Chennai
204	Professor	Animais in Sangam Age	01.10.2018	Wive, Chemiai
285	K.K.Ponnu Swamy Professor	ISVM-2019	01 to 03-02-2019	RAJUVAS, Bikaner,
203	and Head	37th Annual Convention	01 10 03-02-2019	Rajasthan
	and nead	on Veterinary Medicine		Kajastiiaii
286	S.Senthilkumar Associate	Training programme	2 days /	VCRI, Tirunelveli
200	Professor	on "Ethno veterinary	10.05.2018 &	VCKI, Tiruneiven
	Tiolessoi	Medicine" under SIF	11.05.2018	
		Scheme on "Ethno	11.03.2016	
		veterinary Herbal product		
		research and development		
		centre' -state wide		
		propagation of traditional knowledge		
287	V.Thanaseelaan	36 <sup>th</sup> Board of Studies	One day /	MVC, Chennai
201	Professor and Head	Meeting of TANUVAS	20.06.2018	1.1 , C, Chomia
288	A.V.Gensis Inigo	Farmers fair organized	One day /	SPIC Ltd., Thoothukudi,
200	Assistant Professor	in commemoration of	22.12.2018	Si ie Eta., i noomakaar,
	7331344111 1 10103301	"World Soil Health day"	22.12.2010	
289	R.Sangameswaran	Farmers fair organized	One day /	SPIC Ltd., Thoothukudi,
20)	Assistant Professor	in commemoration of	22.12.2018	Si ie Eta., i noomakaar,
	7 ISSIStant 1 Tolessor	"World Soil Health day"	22.12.2010	
290	G.M. Sivakumar	National conference cum	13.12.18 &	CFDT koduvalli,Chennai
250	Assistant Professor	workshop on Zero hunger	14.12.18	or B r Roda varii, erioliilar
	11331344114 113143331	challenges strategies for	120	
		Food security		
291	G.M. Sivakumar	4th National Tamil	19.11.18 &	Agricultural scientific
	Associate Professor	conference	20.11.18	tamil society, Institute
				of Post Graduate
				Studies- OMR
				Campus, Vaniyanchavadi,
				Chennai
292	G.M. Sivakumar	KATI International tamil	22-23rd February	Kalnadai arivial tamil
	Assistant Professor	conference 2019	2019	illakiyam, TANUVAS,
				Chennai
293	K. Nalini	"Integrated Nutrient	22nd- 26th	ICAR-IISWC, OOTY
	Assistant Professor	Management and	Oct.2018	,
		Nutrient Budgeting		
		through Advanced		
		Models to improve Crop		
		Productivity" (5 Days)		
294	R. Selvakkumar	Ethonoveterinary	10.05.18 &	VCRI, Tirunelveli
	Assistant Professor	medicine	11.05.19	,
295	P. Anuradha	Ethonoveterinary	10.05.18 &	VCRI, Tirunelveli
	Assistant Professor	medicine	11.05.19	
296	D. Gandhimathi	Ethonoveterinary	10.05.18 &	VCRI, Tirunelveli
	Assistant Professor	medicine	11.05.19	,
297	S. Ganeshkumar	Ethonoveterinary	21.12.2018	VCRI, Orathanadu
	Assistant Professor	practices		,
298	R. Dhineshkumar	Ethonoveterinary	21.12.2018	VCRI, Orathanadu
	Assistant Professor	practices		- ,
		F	L	l .

299	S. C. Edwin Professor and	National level workshop	9.10.2018 to	College of Veterinary
	Head	on PG syllabus revision	10.10.2018	Sciences, Assam
300	R. Suresh	An advanced short course	26.09.18	IVRI, Izatnagar
		Nutrition for reproduction	-	
		in farm animals organized	16.10. 18	
		by CAFT programme of		
		ICAR		
301	R. Suresh	Training Program	24.10.18	IVRI, Izatnagar
		on Organic Animal	-	
		Husbandry jointly	31.10.18	
		organized by IVRI,		
		Izatnagar, and MANAGE,		
202	A.Meenakshisundaram	Hyderabad	20.01.10	Callaga af Vatarinam
302	A.Meenaksnisundaram Professor and Head	28th National Congress of	28.01.19	College of Veterinary
	Professor and Head	Veterinary Parasitology and National Symposium	30.01.19	Science, Tiruppathi, Andra Pradesh
		on, "Novel Technologies	30.01.19	Alidia Fladesii
		and Strategies for		
		sustainable Control of		
		parasitic Diseases of		
		Livestock, Poultry and		
		Public Health Significance		
303	N.Rani	28 <sup>th</sup> National Congress of	28.01.19	College of Veterinary
	Associate Professor	Veterinary Parasitology	-	Science, Tiruppathi,
		and National Symposium	30.01.19	Andra Pradesh
		on, "Novel Technologies		
		and Strategies for		
		sustainable Control of		
		parasitic Diseases of		
		Livestock, Poultry and		
		Public Health Significance		
304	N.Rani	Kalnadai Ariviyal	22.02.19	MVC,
	Associate Professor	Thamil Iyakkam - Role	-	Chennai
		of Veterinary Science in	23.02.19	
205	MIZV	Farmers' Livelihood	16.02.10	MWG Charres
305	M.K.Vijayasarathi	Demonstration of	16.02.19	MVC, Chennai
	Assistant Professor	Integration of Simulation and Robotics		
306	Sureshkumar, S	International Conference	17.08.18	Indian Institute of Food
300	Surestikumat, S	on "Recent Advances	17.00.10	Processing Technology,
		in Food Processing	19.08.18	Thanjavur
		Technology"	17.00.10	Thangavan
307	A.Sangeetha,	Innovations in	25.07.18	ICAR-National Research
	Assistant Professor	Livestock Sector for	-	Centre on Meat
		Doubling Farmers		(NRCM), Hyderabad
		Income: Strategies and	14.08.18	
		Opportunities in Meat		
		Value Chain.		
308	S.Balakrishnan,	International Conference	17.08.19	Indian Institute of Food
	Professor and Head	on "Recent Advances	-	Processing Technology
		in Food Processing	19.08.19	Thanjavur
		Technology"		
309	A.Sangeetha,	International Conference	17.08.19	Indian Institute of Food
	Assistant Professor	on "Recent Advances	-	Processing Technology
		in Food Processing	19.08.19	Thanjavur
		Technology"		

310	M.Dhanalakshmi, Assistant Professor	International Conference on "Recent Advances	17.08.19	Indian Institute of Food Processing Technology
		in Food Processing Technology"	19.08.19	Thanjavur
311	M.Dhanalakshmi, Assistant Professor	Nano-technological and biochemical techniques	01.12.18	National Dairy Research Institute, Karnal
		for assessing the quality and safety of milk and milk products.	21.12.18	
312	K.Manimaran, Associate Professor	XXV annual conference ISVIB on Innovative	13.12.18	NRC-Mithun, Dimapur, Nagaland
		biotechnological approaches for improving animal health and productivity	15.12.18.	
313	K.Manimaran_ Associate Professor	National conference on native chicken production:	19.12.18	PRC, Chennai.
		opportunities for conservation production enhancement and commercial exploitation in view of global warming	20.12.18	
314	A.Sangeetha	A short course on	10.01.19	KVAFSU Regional
	Assistant Professor	diagnostic methods and control of emerging parasitic diseases.	30.01.19	campus, Hebbal, Bangaluru.
315	S.Balakrishnan Professor and Head	National Conference on Challenges and	26.02.19	Nagpur Veterinary College, Nagpur,
		Opportunities for Tackling Veterinary Public Health Issues at the Human, Animal and Environment Interface and XVI Annual Symposium of Indian Association of Veterinary Public Health Specialists	27.02.19	Maharashtra.
316	S.Eswari Professor and Head	XXVII Annual Conference of SAPI and National Symposium on "Augmentation of Animal Productivity under changing Socio-Economic Scenario	27.11.18 - 28.11.18	ICAR-NDRI, Karnal, Haryana
317	P.Visha Associate Professor	7th Pan Commonwealth Veterinary Conference – The Role of Veterinarians in addressing the global challenges to the lives of our Pets, Livestock, Wildlife, Humans and our environment.	06.03.19	National Institute of Animal Nutrition and Physiology, Adugodi, Bengaluru
318	T.C.Balamurugan Assistant Professor	XXVII Annual Conference of SAPI and National Symposium on "Augmentation of Animal Productivity under changing Socio-Economic Scenario	27.11.18 - 28.11.18	ICAR-NDRI, Karnal, Haryana

240				
319	T.C.Balamurugan	International conference	22.02.19	Madras Veterinary
	Assistant Professor	on Role of Veterinary	-	College Chennai
		Science in Farmers	23.02.19	
220	T T 7''	livelihood	22.02.10	26.1. 37.1.
320	J.Vijay Anand	International conference	22.02.19	Madras Veterinary
	Assistant Professor	on Role of Veterinary	-	College Chennai
		Science in Farmers	23.02.19	
		livelihood		
321	J.VijayAnand	CAFT Training on Tools	25.02.19	ICAR-NDRI, Karnal,
	Assistant Professor	for genetic improvement	-	Haryana
		of animal welfare and	17.03.19	
222	T. M. C. L. L.	productivity	01.00.10	CTD I A . C. II
322	K. M. Sakthivel	National seminar on	01.08.18	GTN Arts College,
	Associate Professor	Environment and	-	Dindigul
		sustainable development	02.08.18	
		through Swatch Bharat		
		Mission	10.00.10	
323	A.Manivannan	Workshop on "Designing	10.08.18	TANUVAS, Chennai &
	Professor and Head	curriculum for masters		IVEF
		and doctoral degree		
		programme in the		
		discipline of Veterinary		
		and Animal Husbandry		
		Extension		
324	K. M. Sakthivel	Fourth National	19.11.18	Agricultural Scientific
	Associate Professor	Agricultural Scientific	<del>-</del>	Tamil Society, New
		Tamil Conference	20.11.18	Delhi
325	A.Manivannan	International symposium	26.09.18	TANUVAS, Chennai
	Professor and Head	on Animals in Disaster	<del>-</del>	
			27.09.18	
326	A. Singaravadivelan	Winter school on 'Climate	01.11.18	ICAR- NIANP,
320	Assistant Professor	change Led Abiotic and	01.11.10	Bengaluru
	Assistant Floresson	Biotic Stress in Farm	21.11.18	Bengalulu
		Animals and Amelioration	21.11.10	
		with Nutritional and		
		1		
327	C.Mehala,	Physiological Approaches' Workshop on "Awareness	09.11.18	Votarinary Callaga
321	,	about Plagiarism among	09.11.18	Veterinary College and Research Institute,
	Assistant Professor,	Research Scholars"		Namakkal
328	C.Mehala	National Conference	19.12.18	Madras Veterinary
320	Assistant Professor	on "Native Chicken	17.14.18	College, Chennai
	Assistant Professor	Production: Opportunities	20.12.18	Conege, Chemiai
		for conservation,	40.14.18	
		productivity enhancement		
		and commercial		
		exploitation in view of		
		global warming"		
329	R. Ravikumar	Statistical analysis in	22.6.18	VCRI, Namakkal
329	Assistant Professor	veterinary research	22.0.18	V CNI, INAIIIAKKAI
	Assistant Piotessof	vetermary research	23.6.18	
220	D Dovilarese	International workshap		Modrog Votanias
330	R. Ravikumar	International workshop	19.7.18	Madras Veterinary
	Assistant Professor	on poultry respiratory		College
		diseases : shared research		
		and control strategies		

331	T.Lurthu Reetha Professor and Head	one day orientation programme on "NIPAH	08.06.18	MVC, Chennai
	1 TOTESSOF AND THEAD	Virus Preparedness for		
		the Veterinarians of		
		State Animal Husbandry		
		Department & faculty of TANUVAS"		
332	B.Puvarajan	Tenth Kerala Veterinary	10.11.18	Kannur, Kerala
	Associate Professor	Science Congress at	11.11.18	
222	D.M. : 1	Kannur	20.11.10	MIC CI :
333	R.Manickam Asistant Professor	Training Programme Application of Reverse	28.11.18	MVC, Chennai
	Asistant i folessoi	genetics and Transcription	18.12.18	
		profiling in molecular	10.12.10	
		pathogenesis of Viral		
		Diseases with Special		
		reference to Avian viruses		
334	B.Puvarajan	National conference on	19.12.18	MVC, Chennai
	Associate Professor	native chicken production;	-	
		Opportunities for	20.12.18	
		conservation, productivity enhancement and		
		commercial exploitation		
		in view of global warming		
335	T.Lurthu Reetha	International conference	22.02.19	MVC, Chennai
333	Professor and Head	(Tamil) on "Role of	-	ivi v e, enemai
		Veterinary Science in	23.02.19	
		Farmer's Livelihood"		
336	B.Puvarajan	International conference	22.02.19	MVC, Chennai
	Associate Professor	(Tamil) on "Role of	-	
		Veterinary Science in Farmer's Livelihood"	23.02.19	
337	S. Sivagnanam	Application of Advanced	14.11.18	Mathura, Uttar Pradesh
337	Assistant Professor	Anatomical Techniques	-	Mathura, Ottai Tradesii
	1 15515 (1151   1	in Disease diagnosis and	04.12.18	
		Animal health		
338	K.Jayalakshmi	International Symposium	26.09.18	MVC,
	Assistant Professor	on "Animals in Disaster"	-	Chennai-7
220	IZ I1-11 '	A1:	27.09.18	3.437.0
339	K.Jayalakshmi Assistant Professor	Applications of Reverse Genetics and	28.11.18	MVC, Chennai-7
	ASSISTANT FIOTESSOI	Transcription Profiling in	- 18.12.18	Chemiai-/
		Molecular Pathogenesis	10.12.10	
		of Viral Diseases with		
		Special Reference to		
		Avian Viruses		
340	S. Yogeshpriya	28 <sup>th</sup> National Congress of	28.01.19	College of Veterinary
	Assistant Professor	Veterinary Parasitology	21.01.10	Science, Tirupati.
		and National Symposium on "Novel Technologies	31.01.19	
		and Strategies for		
		Sustainable Parasitic		
		Diseases of Livestock,		
		Poultry and Public Health		
		Significance		

341	K.Jayalakshmi Assistant Professor	28 <sup>th</sup> National Congress of Veterinary Parasitology	28.01.19	College of Veterinary Science, Tirupati.
		and National Symposium on "Novel Technologies	31.01.19	
		and Strategies for		
		Sustainable Parasitic		
		Diseases of Livestock, Poultry and Public Health		
		Significance		
342	P.Jayaganthan	Current Concepts and	19.07.18	NDRI Bengaluru
	Assistant Professor	Frontier Technologies	-	
		for Conservation	08.08.18	
		and Improvement of Indigenous Dairy Bovine		
		Genetic Resources'		
343	V.Prabaharan	Updates In The Disease	21.08.18	MVC Chennai
	Assistant Professor	Diagnosis and Treatment	-	
		Protocols In Health	10.09.19	
		Management of Farm and		
344	M. Palanisamy	Companion Animals XXXIV Annual	28.12.18	College of Veterinary
344	Professor and Head	Convention of	20.12.10	Science and Animal
	Troressor and from	"Indian Society for	30.12.18	Husbandry, Anand
		Study of Animal		Agricultural University,
		Reproduction" and		Gujarat
		International Symposium		
		on "Productivity Enhancement through		
		Augmenting Reproductive		
		Efficiency of Livestock		
		for Sustainable Rural		
2.15	D.D. '1	Economy		
345	R.Rajkumar Assistant Professor			
346	S.Raja			
347	Assistant Professor M.Vijayakumar	Training on "Diagnostic	01.08.18	College of Veterinary
J <b>-7</b> /	Assistant Professor	and Therapeutic	-	Sciences Lalla Lajpat
	1 1001000000 1 1 0 1 0 0 0 0 0 1	Management of Surgical	21.08.18	Rai University of
		Disorders of Ruminants		Veterinary and Animal
				sciences, Hisar(Haryana)
348	M.Vijayakumar	Advances in diagnostic	22.11.18	Annual congress on
	Assistant Professor	imaging and surgical techniques in farm and	- 24.11.18	Indian society for veterinary surgery and
		companion animals	24.11.10	National Symposium
349	P.Tamilmahan	Enhancing Core and	11.09.18	College of Veterinary
	Assistant Professor	Advanced Competency	-	Science, GUDVASU
		Skills in Veterinary	01.10.18	
		Surgery, Diagnostic		
350	D. Cauveri	Imaging and Anaesthesia	22.02.10	Madrag Vatarinam
330	Associate Professor and Head	Kalnadai Ariviyal Thamil Iyakkam - Role	22.02.19	Madras Veterinary College, Chennai
	1100001010 110100001 and 110au	of Veterinary Science in	23.02.19	Conege, Chemiai
		Farmers' Livelihood		
351	A.S Selvaramesh	Kalnadai Ariviyal	22.02.19	Madras Veterinary
	Assistant Professor	Thamil Iyakkam - Role	-	College, Chennai
		of Veterinary Science in	23.02.19	
		Farmers' Livelihood		

352	K. Jagadeesan Assistant Professor	19 <sup>th</sup> Indian Veterinary Congress, XXVI Annual	01.02.19	West Bengal University of Animal & Fishery
		Conference of IAAVR and National Symposium	02.02.19	Sciences, Kolkata.
		on "Innovative Progress		
		in Animal Health and		
		Production for safe		
		and secure food under One Health Program		
		Perspective"		
353	P.Senthil Kumar,	Summer school in Nano-	04.07.18	UGC-Human resource
	Assistant Professor	Science	24.07.18	Development Centre, University of Madras,
				Chennai
354	A.Elamaran	Certificate Course	19.09.19	Laboratory Animal
	Assistant Professor	in Laboratory Animal Sciences	29.09.19	Medicine, TANUVAS.
		Sciences	29.09.19	Chennai 600051.
355	P. Vijayakumar	District level workshop on	21.08.18	Thanjavur
	Assistant Professor	Dairy Entrepreneeurship	-	
		Development Scheme (DEDS)	21.08.18	
356	P. Vijayakumar,	CAFT Training on Tools	25.02.19	NDRI, Karnal
	Assistant Professor	for genetic improvement	-	
		of Animal Welfare and	17.03.19	
357	M. Renuka devi	Productivity Workshop on Koha and	12.10.18	National Virtual Library
337	Assistant Libraian	Library Automation	12.10.10	of India, Thanjavur
358	M. Renuka devi	Implementation of Koha	14.12.18	Sri Venkateswara
	Assistant Libraian	and creation of User	-	Veterinary University,
		Friendly Interface – OPAC	15.12.18	Tirupati
359	Dr.Sujatha	Cluster development	31st May – 4th June	Entrepreneurship
	Dr.N.KarpooraSundara	Executive's	,	Development and
	Pandian			Innovation Institute,
360	Dr.G.Sujatha	Refresher course in	04.07.2018 to	Tamil Nadu, Chennai. University of Madras,
300	Di.O.Sujatila	nano – science (inter-	24.07.2018	Chennai
		disciplinary) batch – IX	,	
361	Dr.G.Sujatha,	Entrepreneurship	03 – 14 December,	Entrepreneurship
		Development &	2018	Development Institute of
		Management for Scientists & Technologists		India, Ahmedabad
362	Dr.G.Sujatha	One day awareness	22 <sup>nd</sup> February 2019	Anna University,
502		workshop on Student		Chennai 25.
		Induction Programme		
363	Dr.G.Sujatha	Workshop on "Content	18.3.19 to 20.3.19	Madras Veterinary
364	Dr.N.KarpooraSundara	Development"  Refresher training	04.12.2018 to	College, Chennai. Pondicherry University,
304	Pandian	programme on Life	24.12.2018.	Pondicherry
		sciences		<del></del>
365	Dr.V.Nithyalakshmi	Content development	18.3.2019 to	Madras Veterinary
		-ICAR-NAHEP	20.3.2019	College, Chennai
366	Dr.V.Nithyalakshmi	programme  AICTE Sponsored Faculty	15.11.2018 to	Easwari Engineering
300	Di. v.miniyalaksiiiili	Development Programme	17.11.2018 to	College, Chennai
		topiciti i ogianine	1,	compe, enemial

367	Dr.P.L.Sujatha	Implementation of Koha and Creation of User friendly Interface-OPAC	14-15 Dec 2018	Sri Venkateswara Veterinary University, Tirupathi
368	Shibi Thomas, K. Assistant Professor, VUTRC, Tiruchirapalli	"Technology smart interventions for doubling livestock farmers' income: Strategies and Approaches"	30-7-2018 08-08-2018	NAINP, Bangalore
369	Shibi Thomas, K. Assistant Professor VUTRC, Tiruchirapalli	National Conference on "Native Chicken production: Opportunities for conservation, productivity enhancement and commercial exploitation in view of global warming"	19-12-2018 20-12-2018	Madras Veterinary College
370	Jayalalitha, V. Assistant Professor VUTRC, Tiruchirapalli	Training programme on "Preparation of model bankable project for livestock and poultry farms"	29-01-2019 31-01-2019	VC&RI, Namakkal
371	Shibi Thomas, K. Assistant Professor VUTRC, Tiruchirapalli	International Conference on "Uzhavar valviyalil kalnadai maruthuva ariviyal"	22-02-2019 23-02-2019	MVC, Chennai
372	Richard Jagatheesan, P.N. Professor and Head VUTRC, Tiruchirapalli	Training programme on "Ethno Veterinary Practices"	25.02.2019 25.02.2019	VC&RI, Orathanadu
373	Elamurugan, A Assistant Professor VUTRC, Thanjavur	Short-term course on Bovine Monocyte Derived Dendritic cells (DCs) isolation, cultivation and maintenance for studying the immunogenicity of vaccine agents	11.07.2018 31.07.2018	ICAR-IVRI, Bengaluru
374	Vijay Anand, J Assistant Professor VUTRC, Thanjavur	Winter school on current concepts and frontier technologies in conservation and improvement of indigenous bovine genetic resources	18.07.2018 08.08.2018	ICAR-NDRI SRS, Bengaluru
375	Elamurugan, A Assistant Professor VUTRC, Thanjavur	10th Kerala Veterinary Congress, Kannur	10.11.2018 11.11.2018	Kannur, Kerala
376	Elamurugan, A Assistant Professor VUTRC, Thanjavur	International Tamil Conference on Role of Veterinary Science in Farmers Livelihood	22.02.2019 23.02.2019	Madras Veterinary College, Chennai
377	Silambarasan, P Assistant Professor & Head VUTRC, Cuddalore	Production and Post - Production Interventions to Increase Returns from Livestock Enterprises - A Step Towards Doubling Farmer's Income	19.06.18 09.07.18	F.V.Sc&A.H. SKUAST - Kashmir, Suhuama campus, Alusteng, Srinagar, Jammu- Kashmir

378	Murali, P Assistant Professor VUTRC, Cuddalore	Climate change led abiotic and biotic stress in farm animals and amelioration with nutritional and physiological approaches	01.11.2018 21.11.2018	NIANP, Bengaluru
379	Murali, P Assistant Professor VUTRC, Cuddalore	Preparation of model bankable projects for livestock and poultry farms	29.01.2019 31.01.2019	Veterinary College and Research Institute, Namakkal
380	Murali, P Assistant Professor VUTRC, Cuddalore	Orientation training on " TANUVAS TNIAMP – "Sensitizing farmers on "Nutritional supplemental strategy	11.02.2019 12.02.2019	MVC, Chennai
381	Murali, P Assistant Professor VUTRC, Cuddalore	International Conference on Role of Veterinary Science in Farmers' Livelihood	22.02.2019 23.02.2019	MVC, Chennai
382	Vengadabady, N Professor and Head VUTRC, Cuddalore	"Ethno Veterinary Practices"	25.02.2019 25.02.2019	VCRI, Orathanadu
383	Vengadabady, N Professor and Head VUTRC, Cuddalore	Service register Online updation training	12.03.2019 12.03.2019	VC & RI, Orathanadu
384	Ravi, P Assistant Professor VUTRC, Salem	One Day Orientation Programme on "Nipah Virus Preparedness"	08.06.2018	Madras Veterinary college, Chennai
385	Ravi, P Assistant Professor VUTRC, Salem	winter school on "Climate Change and pig Production Systems: Impacts and Mitigation strategies"	01.11.2018 21.11.2018	National Research Centre on pig
386	Meenalochani, V Associate Professor and Head VUTRC, Salem	International Conference on "Role of Veterinary Science in Farmer's Livelihood "	21.02.2019 23.02.2019	Madras Veterinary College, Chennai-7
387	Jayanthi, D Assistant Professor VUTRC, Salem	International Conference on "Role of Veterinary Science in Farmer's Livelihood "	21.02.2019 23.02.2019	Madras Veterinary College, Chennai-7
388	Jayanthi, D Assistant Professor VUTRC, Salem	Preparation of model bankable projects for livestock and poultry farms	29.01.2019 31.01.2019	Veterinary College and Research Institute, Namakkal
389	Ravi, P Assistant Professor VUTRC, Salem	One day training programme on "Ethno Veterinary Practices"	25.02.2019	Veterinary College and Research Institute, Orathanadu
390	Vadivoo, V.S., Assistant Professor VUTRC, Tirupur	Summer School on "Conservation of Indigenous Livestock Germplasm: An AVANT- GARDE approach to success"	02.05.2018 22.05.2018	Madras Veterinary College, Chennai
391	Vadivoo, V.S., Assistant Professor VUTRC, Tirupur	NIPAH virus preparedness for the veterinarians of state animal husbandry department and faculty of TANUVAS	08.06.2018	Madras Veterinary College, Chennai

392	Vadivoo, V.S.,	National symposium	13.12.2018	ICAR National Research
	Assistant Professor	on Innovative	15.12.2018	Centre, Mithun
	VUTRC, Tirupur	Biotechnological		
	_	approaches for improving		
		Animal health		
393	Vadivoo, V.S.,	Preparation of modern	29.01.2019	VC&RI, Namakkal
	Assistant Professor	Bankable projects	31.01.2019	V Colli, I tulliukkul
		Balikable projects	31.01.2019	
20.4	VUTRC, Tirupur		25.02.2010	TIGODI O I
394	Vadivoo, V.S.,	Ethnoveterinary practices	25.02.2019	VC&RI, Orthanadu
	Assistant Professor	for livestock		
	VUTRC, Tirupur			
395	Mathivanan, R	Online SR entry of	21.03.2019	VC&RI, Namakkal
	Professor and Head	teaching and non teaching		
	VUTRC, Tirupur	staff		
396	Vadivoo, V.S.,	Online SR entry of	21.03.2019	VC&RI, Namakkal
370	Assistant Professor	teaching and non teaching	21.03.2019	, corri, i turriumur
	VUTRC, Tirupur	staff		
207	, 1		11.04.2010	MUC Channel 7
397	Durairajan, R	Ethno veterinary practices	11.04.2018	MVC,Chennai-7
	Assistant Professor	in livestock and poultry	12.04.2018	
	VUTRC, Melmaruvathur			
398	Durairajan, R	Winter School on	26.09.2018	IVRI, Izatnagar, Bareilly
	Assistant Professor	"Practicability, Scope	16.10.2018	
	VUTRC, Melmaruvathur	and Future Prospects		
	,	of Ethnobotanicals in		
		Minimizing Antibiotic		
		Resistance"		
399	Durairajan, R	4th "National conference	9.11.2018	Institute of Fisheries
377	Assistant Professor		20.11.2018	Post Graduate studies
		on Agricultural scientific	20.11.2018	
	VUTRC, Melmaruvathur	Tamil" held,		(IFPGS), TNJFU
				OMR campus,
				vaniyanchavadi
400	Murugan, M	National Conference on	23.01.2019	KVAFSU,Kerala
	Professor and Head	"Innovations in		
	VUTRC, Melmaruvathur	Animal Production	25.01.2019.	
	·	for Sustainability and		
		Doubling Farmers		
		Income",		
401	Durairajan, R	Training programme on	29-01-2019	VC&RI,
401				
	Assistant Professor	"Preparation of model	31-01-2019	Namakkal
	VUTRC, Melmaruvathur	bankable project for		
		livestock and poultry		
		farms''		
402	Murugan, M	Training programme	25.02.2019	VC&RI,
	Professor and Head	on "Ethno Veterinary	25.02.2019	Orathanadu
	VUTRC, Melmaruvathur	Practices"		
403	Durairajan, R	International Tamil	22.02.2019	Madras Veterinary
.03	Assistant Professor	Conference on Role of	23.02.2019	College, Chennai
			45.04.4019	Conege, Chemiai
	VUTRC, Melmaruvathur	Veterinary Science in		
40:		Farmers Livelihood	01.00.000	1
404	Murugan, M	Online SR entry of	21.03.2019	M.V.C chennai
	Professor and Head	teaching and non-teaching		
	VUTRC, Melmaruvathur	staff		<u> </u>
405	Saravanan, R	Training programme on	29.01.2019	VC&RI, Namakkal
-	Assistant Professor	"Preparation of model	31.01.2019	,
	VUTRC, Dharmapuri	bankable project for	201.2017	
	, o i ke, Dharmapan	livestock and poultry		
1		farms"		

406	Saravanan, R Assistant Professor VUTRC, Dharmapuri	Online SR entry of teaching and non teaching staff	21.03.2019	VC&RI, Namakkal
407	Saravanan, R Assistant Professor VUTRC, Dharmapuri	CAFT training on "Strategies to overcome the challenges in diseases, nutritional and managemental practices for poultry production",	06.02.2019 26.02.2019	VC&RI, Namakkal
408	Bharathi, N Assistant Professor VUTRC, Karur	Training programme on "Preparation of model bankable project for livestock and poultry farms"	29.01.2019 31.01.2019	VC&RI, Namakkal
409	Vijayakumar, G Assistant Professor VUTRC, Karur	CAFT training on "Strategies to overcome the challenges in diseases, nutritional and managemental practices for poultry production",	06.02.2019 26.02.2019	VC&RI, Namakkal
410	Suresh Kumar, P Assistant Professor and Head VUTRC, Perambalur	National conference on" Native chicken production: Opportunities for conservation, productivity enhancement and commercial exploitation in view of Global warming"	19.12.2018 20.12.2018	MVC, Chennai
411	Saravanajayam, M Assistant Professor VUTRC, Perambalur	International workshop on "Poultry Respiratory Diseases: Shared Research and Diagnostic Approaches"	19.07.18 19.07.18	MVC, Chennai
412	Saravanajayam, M Assistant Professor VUTRC, Perambalur	28th National Congress of Veterinary Parasitology and National Symposium on "Novel Technologies and Strategies for Sustainable control of Parasitic Diseases of Livestock, Poultry and Public Health Significance".	28.01.19 30.01.19	CVS, Tirpathi,
413	Vijayakumar, C Assistant Professor and Head VUTRC, Krishnagiri	NABARDWorkshop on "Effect of climate change on animal husbandry in the district and interventions to be adopted to adapt to the same"	31.07.18	Regional Research Station, Paiyur
414	Chitrambigai, K Assistant Professor VUTRC, Krishnagiri	Training programme on "Preparation of model bankable project for livestock and poultry farms"	29.01.2019 31.01.2019	VC&RI, Namakkal
415	Vijayakumar, C Assistant Professor and Head VUTRC, Krishnagiri	Training programme on "Ethno Veterinary Practices"	25.02.2019 25.02.2019	VC&RI, Orathanadu

416	Vijayakumar, C Assistant Professor and Head VUTRC, Krishnagiri	TN-IAMP Sensitizing farmers on Nutritional Supplemental Strategy Developed at TANUVAS to increase productivity in Dairy cattle and mitigate Methane Emission	11.02.19 12.02.19	MVC Chennai
417	Vijayakumar, C Assistant Professor and Head VUTRC, Krishnagiri	Online SR entry of teachning and non teachning staff	21.03.2019	M.V.C chennai
418	Chitrambigai, K Assistant Professor VUTRC, Krishnagiri	INDSETI training Programme	25.2.19 1.3.19	Krishnagiri
419	Ramya, R Assistant Professor VUTRC, Dindigul	Short-term course on Bovine Monocyte Derived Dendritic cells (DCs) isolation, cultivation and maintenance for studying the immunogenicity of vaccine agents	11.07.2018 31.07.2018	ICAR-IVRI, Bengaluru
420	Ramya, R Assistant Professor VUTRC, Dindigul	Training programme on "Preparation of model bankable project for livestock and poultry farms"	29.01.2019 31.01.2019	VC&RI, Namakkal
421	Ramya, R Assistant Professor VUTRC, Dindigul	One Day Orientation Programme on Nipah Virus Preparedness	08.06.2018	Madras Veterinary college, Chennai
422	Vijayarajan, A Professor and Head VUTRC, Dindigul	One day training programme on "Ethno Veterinary Practices"	25.02.19	VCRI, Orathanadu
423	Ramya, R Assistant Professor VUTRC, Dindigul	International conference on "role of veterinary science in farmer's livelihood" Organised by Kalnadai Ariviyal Thamil Iyakkam, Tamil Nadu Veterinary and Animal Sciences University,	22. 02.1 9 23.02.19	Madras Veterinary College, Vepery, Chennai -7
424	Vijayarajan, A Professor and Head VUTRC, Dindigul	Training on "online staff information system, software implementation – software demonstration and organization of training"	11.3.19	VCRI, Thirunelveli
425	Ramya, R Assistant Professor VUTRC, Dindigul	10 <sup>th</sup> Kerela veterinary Science congress 2018 by Indian Veterinary Association, Kerela	10.11.19 11.11.19	Kannur, Kerala
426	Ramya, R Assistant Professor VUTRC, Dindigul	4 <sup>th</sup> National conference on Agricultural Scientific Tamil	19.11.18 20.11.18	Institute of Fisheries Post graduate studies (IFPGS), TNJFU, OMR Campus, Vaniyanchavadi, Chennai- 603103
427	Theophilus Anand Kumar, C Associate Professor and Head VUTRC, Tiruvannamalai	Recent Approaches in Diagnostic Pathology and Oncology	12.11.2018 02.12.2018	Guru Angad Dev Veterinary and Animal Sciences University, (GADUVAS), Ludhiana, Punjab.

428	Jaikanth, C.M. Assistant Professor	Ethno veterinary practices	11.04.2018	MVC, Chennai-7
	VUTRC, Tiruvannamalai	in livestock and poultry	12.04.2018	
429	Jaikanth, C.M.	Training and anamana	29.01.2019	VC&RI, Namakkal
429	Assistant Professor	Training programme on "Preparation of model	31.01.2019	VC&KI, Namakkai
	VUTRC, Tiruvannamalai	bankable project for	31.01.2019	
	VOTRE, Thuvaillianiaiai	livestock and poultry		
		farms"		
430	Theophilus Anand Kumar, C	Orientation training on "	11.02.2019	MVC, Chennai
750	Associate Professor and Head	TANUVAS TNIAMP –	12.02.2019	Wive, Chemiai
	VUTRC, Tiruvannamalai	"Sensitizing farmers on	12.02.2017	
	v o i i co, i ii u vui ii u iii u ii u i	"Nutritional supplemental		
		strategy		
431	Theophilus Anand Kumar, C	One day training	25.02.19	VCRI, Orathanadu
	Associate Professor and Head	programme on "Ethno	-	, - ,
	VUTRC, Tiruvannamalai	Veterinary Practices"		
432	Theophilus Anand Kumar, C	International Tamil	22.02.2019	Madras Veterinary
	Associate Professor and Head	Conference on Role of	23.02.2019	College, Chennai
	VUTRC, Tiruvannamalai	Veterinary Science in		
		Farmers Livelihood		
433	Theophilus Anand Kumar, C	Online SR entry of	21.03.2019	M.V.C chennai
	Associate Professor and Head	teaching and non teaching		
	VUTRC, Tiruvannamalai	staff		
434	Sheeba, A	Training on Propagation	11.04.2018	MVC, Chennai
	Assistant Professor	of Traditional Herbal	12.04.2018	
	FTC, Tiruvarur	Knowledge in Veterinary		
		Practices		
435	Kathirchelvan, M	Online SR entry of	21.03.2019	VCRI, Orathanadu
	Associate Professor and Head	teaching and non teaching staff		
436	FTC, Tiruvarur Gopi, H.	Online SR entry of	21.03.2019	M.V.C chennai
430	Professor and Head	teachning and non	21.03.2019	W. v.C chemiai
	FTC, Kancheepuram	teachning staff		
437	Gopi, R	Training programme on	29.01.2019	VC&RI, Namakkal
137	Assistant Professor	"Preparation of model	31.01.2019	, corri, i tumumum
	FTC, Kancheepuram	bankable project for		
	, 1	livestock and poultry		
		farms"		
438	Gopi, R	One day training	25.02.19	VCRI, Orathanadu
	Assistant Professor	programme on "Ethno		
	FTC, Kancheepuram	Veterinary Practices"		
439	Thirumavalavan, R	Symposium on Animal	26.09.2018	Madras Veterinary
	Assistant Professor	disaster management	27.09.2018	college, Chennai
	VUTRC, Villupuram			
440	Thirumavalavan, R	Training on 'Statistical	25.10.2018	Madras Veterinary
	Assistant Professor	Analysis and	26.10.2018	college, Chennai
	VUTRC, Villupuram	Mathematical Modeling		
		in Veterinary Research'	10.17	7 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
441	Muthusamy, P	Fourth National Tamil	19.11.2018	Institute of Fisheries
	Associate Professor and Head	Conference organised	20.11.2018	Postgraduate
	VUTRC, Villupuram	by Agricultural		Studies, Tamilnadu
		Scientific Tamil Soceity,		Dr.J.JAYALALITHA
		Newdelhi and Tamilnadu Dr.J.JAYALALITHA		Fisheries University, Vaniyanchavadi,
		I I		Chennai-603 103
		Fisheries University		Chemiai-003 103

442	Muthusamy, P Associate Professor and Head VUTRC, Villupuram	National Conference on Native Chicken organised by Poultry Research Station, TANUVAS, Chennai-51	19.12.2018 20.12.2018	Madras Veterinary College,Chennai-7
443	Thirumavalavan, R Assistant Professor VUTRC, Villupuram	Training of Trainers on Writing and Documentation Skills	03.12.2018 07.12.2018	MANAGE, Hyderabad
444	Latchumikanthan, A Assistant Professor VUTRC, Villupuram	Two days training programme on "Ethno veterinary practices for livestock and poultry"	11.04.2018 12.04.2018	Dept. of Veterinary Pharmacology and Toxicology at Madras Veterinary College, Chennai
445	Latchumikanthan, A Assistant Professor VUTRC, Villupuram	21 days CAFT training programme in veterinary parasitology on the topic "A short course on diagnostic methods and control of emerging parasitic diseases"	10.01.2019 30.01.2019	CAFT, Veterinary college Campus, KVAFSU, Hebbal, Bangaluru
446	Thirumavalavan, R Assistant Professor VUTRC, Villupuram	Preparation of model bankable projects for livestock and poultry farms	29.01.2019 31.01.2019	VCRI, Namakkal
447	Muthusamy, P Associate Professor and Head VUTRC, Villupuram	International conference of Role of veterinary science in farmers' livelihood	22.02.2019 23-02-2019	Madras Veterinary College,Chennai-600 007
448	Muthusamy, P Associate Professor and Head VUTRC, Villupuram	Training programme on Ethno Veterinary Practices	25.02.2019	Veterinary College and Research Institute, Orathanadu
449	Thirumavalavan, R Assistant Professor VUTRC, Villupuram	Winter school training on 'Dynamics of Entrepreneurial Development for Empowering Rural Youth in Agriculture'	07.02.2019 27.02.2019	College of Agriculture, Bhubaneswar, Odisha
450	Latchumikanthan, A Assistant Professor VUTRC, Villupuram	TANUVAS TNIAMP on "Sensitizing farmers on Nutritional Supplemental Strategy Developed at TANUVAS to increase productivity in Dairy cattle and mitigate Methane Emission" orientation trainingfor the co-coordinators organized by IAN, Kattupakkam	11.02.2019 12.02.2019	Madras Veterinary College, Chennai
451	Muthusamy, P Associate Professor and Head VUTRC, Villupuram	11th International Poultry Show and Seminar	05.03.2019 06.03.2019	Hotel Le Meridien, Dhaka,Bangladesh
452	Muthusamy, P Associate Professor and Head VUTRC, Villupuram	Online Service Register entry training	18.03.2019	Madras Veterinary College, Chennai-600 007

453	Rajesh, N.V. Assistant Professor VUTRC, Ramanathapuram	21 Days CAFT Training Programme in Veterinary Parasitology	10/01/19 30/01/19	CAFT, Veterinary college Campus, KVAFSU, Hebbal,
	v O i KC, Kamanaulapuram	on Diagnostic methods and control of emerging parasitic diseases.		Bangaluru
454	Ilavarasan, S	3 Days Training on	29/01/19	VC & RI, Namakkal
	Assistant Professor VUTRC, Ramanathapuram	Preparation of model bankable projects for livestock and poultry farms	31/01/19	
455	Rajesh, N.V. Assistant Professor VUTRC, Ramanathapuram	01 Day Training Programme in Ethnoveterinary Medicine Practices under TANII Scheme	25/02/19	VC & RI, Orathanadu
456	Vijayalingam, T.A. Professor and Head VUTRC, Ramanathapuram	01 Day Training Programme in Software updation of staff information system	11/03/19	VC & RI, Tirunelveli
457	Anitha, A Assistant Professor VUTRC, Coimbatore	3 Days Training on Preparation of model bankable projects for livestock and poultry farms	29/01/19 31/01/19	VC & RI, Namakkal
458	Aruljothi, A Assistant Professor VUTRC, Coimbatore	One day training programme on "Ethno Veterinary Practices"	25.02.19	VCRI, Orathanadu
459	Arumugam, R Professor and Head VUTRC, Coimbatore	CECONDS Online Staff Information System Software Demonstration and Training	21/03/19	VC & RI, Namakkal
460	Senthilkumar, A Assistant Professor FTC, Theni	Training on EVP for TANUVAS Faculty under SIF scheme on EVHPRDC	10.05.2018 11.05.2018	VC & RI, Tirunelveli
461	Senthilkumar, A Assistant Professor FTC, Theni	Orientation programme on Nipha virus preparedness	08.06.2018	MVC, Chennai
462	Senthilkumar, A Assistant Professor FTC, Theni	Short course on " Technology smart interventions for doubling the livestock farmers income: Strategies and Approaches	30.07.2018 08.08.2018	National Institute of Animal Nutrition and Physiology, Adugodi, Bengaluru.
463	Senthilkumar, A Assistant Professor FTC, Theni	Preparation of Model Bankable Project for Livestock and Poultry	29.01.2019 31.01.2019	VC & RI, Namakkal
464	Senthilkumar, A Assistant Professor FTC, Theni	TNIAMP – Sensitising farmers on nutritional supplemental strategy developed at TANUVAS to increase productivity in dairy cattle and mitigate methane emission	11.02.2019 12.02.2019	MVC, Chennai
465	Senthilkumar, A Assistant Professor FTC, Theni	Ethno Veterinary Practices	25.02.2019	VC & RI, Orathanadu

466	Murugesan, S Professor and Head FTC, Theni	Training on "Online Staff Information System Software".	11.03.2019	VC & RI, Tirunelveli
467	Senthilkumar, A Assistant Professor FTC, Theni	"Foldscope as a tool to screen parasitic infections in wild animals" (funded by DBT)	26.03.2019	MVC, Chennai
468	Balamurugan, P Assistant Professor FTC, Theni	CAFT training on "strategies to overcome the challenges in disease, nutrition and managemental practices in poultry production".	06.02.2019 26.02.2019	VC & RI, Namakkal
469	Balamurugan, P Assistant Professor FTC, Theni	National Conference on "Native Chicken Production: Opportunities for Conservation, Productivity Enhancement and Commercial Exploitation in View of Global Warming".	19.12.2018 20.12.2018	MVC, Chennai
470	Ravimurugan, T Assistant Professor VUTRC, Nagercoil	National Conference on Small holders Livestock Producers in India: Opportunities and challenges	11/04/2018 13/04/2018	Dantiwada Agricultural University, Sardarkrushinagar, Banaskantha, Gujarat
471	Malmarugan, S Professor and Head VUTRC, Nagercoil	One Day Orientation Programme on Nipah Virus Preparedness	08.06.2018	Madras Veterinary college, Chennai
472	Selvarasu, K Assistant Professor VUTRC, Nagercoil	Training programme on "Preparation of model bankable project for livestock and poultry farms"	29.01.19 31.01.19	VCRI, Namakkal
473	Malmarugan, S Professor and Head VUTRC, Nagercoil	TN-IAMP Sensitizing farmers on Nutritional Supplemental Strategy Developed at TANUVAS to increase productivity in Dairy cattle and mitigate Methane Emission	11.02.19 12.02.19	MVC Chennai
474	Selvarasu, K Assistant Professor VUTRC, Nagercoil	One day training programme on "Ethno Veterinary Practices"	25.02.19	VCRI, Orathanadu
475	Malmarugan, S Professor and Head VUTRC, Nagercoil	Training on "Online Staff Information System Software".	11.03.2019	VC & RI, Tirunelveli
476	Rajesh Kumar, B Assistant Professor VUTRC, Vellore	Training programme on "Preparation of model bankable project for livestock and poultry farms"	29-01-2019 31-01-2019	VC&RI, Namakkal
477	Rajesh Kumar, B Assistant Professor VUTRC, Vellore	Training programme on "Ethno Veterinary Practices	25.2.2019	VCRI, Orathanadu

478	Bharathidhasan, A Associate Professor and Head VUTRC, Vellore	Animal Nutrition Association Conference (ANACON 2018) on Reorienting Animal Nutrition Research in the Perspective of Farmers Welfare at,	19.11.18, 21.11.18	Bihar Veterinary College, Patna
479	Bharathidhasan, A Associate Professor and Head VUTRC, Vellore	International Conference on "Uzhavar valviyalil kalnadai maruthuva ariviyal"	22-02-19 23-02-19	MVC, Chennai
480	Bharathidhasan, A Associate Professor and Head VUTRC, Vellore	Training programme on "Nutritional supplemental strategy"	11.2.19 12.2.19	MVC, Chennai
481	Bharathidhasan, A Associate Professor and Head VUTRC, Vellore	Training on "Online Staff Information System Software".	18.3.19	MVC, Chennai
482	Murugan, M Professor and Head VUTRC, Rajapalyam	One Day Orientation Programme on Nipah Virus Preparedness	08.06.2018	MVC Chennai
483		National Conference on "Native Chicken production: Opportunities for conservation, productivity enhancement and commercial exploitation in view of global warming"	19-12-2018 20-12-2018	MVC Chennai
484	Murugan, M.S., Assistant Professor VUTRC, Rajapalyam	Training programme on "Preparation of model bankable project for livestock and poultry farms"	29.01.19 31.01.19	VCRI, Namakkal
485	Murugan, M Professor and Head VUTRC, Rajapalyam	TN-IAMP Sensitizing farmers on Nutritional Supplemental Strategy Developed at TANUVAS to increase productivity in Dairy cattle and mitigate Methane Emission	11.02.19 12.02.19	MVC Chennai
486	Murugan, M Professor and Head VUTRC, Rajapalyam	Training on "Online Staff Information System Software".	11.03.2019	VC & RI, Tirunelveli
487	Yasothai Assistant Professor VUTRC, Erode	TN-IAMP Sensitizing farmers on Nutritional Supplemental Strategy Developed at TANUVAS to increase productivity in Dairy cattle and mitigate Methane Emission - Orientation training programme	11.02.19 12.02.19	MVC Chennai
488	Yasothai Assistant Professor VUTRC, Erode	Ethnoveterinary practices for livestock	25.02.2019 -	VC&RI, Orthanadu

489	Kirubakaran, A Assistant Professor VUTRC, Erode	Training programme on "Preparation of model bankable project for livestock and poultry farms"	29.01.19 31.01.19	VCRI, Namakkal
490	Sharmila Bharathi, C Assistant Professor KVK, Namakkal	Farm Innovators Meet	14.4.18 14.04.2018	ATARI, Hyderabad.
491	Sharmila Bharathi, C Assistant Professor KVK, Namakkal	Bee keeping training	6.9.18	Dept of Entomology, TNAU,Coimbatore
492	Sharmila Bharathi, C Assistant Professor KVK, Namakkal	Training of trainers On Bee keeping, sponsored by Agricultural Skill Council of India.	25.09.18 to 27.09.18	Professor Jeyashankar Telangana State Agricultural University, Hyderabad.
493	Sharmila Bharathi, C Assistant Professor KVK, Namakkal	Training programme on Recent production and processing of spices	21.1.19- 4.2.19	Indian Institute of Spices Research, Calicut, Kerala
494	Murugan, P Assistant Professor KVK, Namakkal	Biogas technology for sustainable fuel and organic manures	17.09.18 to 20.09.18 4 Days	Tamil Nadu Agricultural University, Coimbatore
495	Murugan, P Assistant Professor KVK, Namakkal	DST Sponsored training Programme on Integrated Nutrient Management and Nutrient Budgeting through Advanced Models to Improve crop productivity	22.10.18 To 26.10.18 5 Days	ICAR – Institute of Soil and Water Conservation, Research centre, Udhagamandalam (Ooty)
496	Murugan, P Assistant Professor KVK, Namakkal	State level ATMA Action Plan 2019-20 workshop	03.01.19 To 04.01.19 2 Days	BWDA, Courtallam
497	Murugan, P Assistant Professor KVK, Namakkal	PFMS – Public Financial Managemnet System	07.01.19 To 08.01.19 2 Days	TNAU, Coimbatore
498	Murugan, P Assistant Professor KVK, Namakkal	International Tamil Conference Oral presentation	22.02.19 To 23.02.19 2 Days	TANUVAS, Chennai
499	Murugan, P Assistant Professor KVK, Namakkal	Brain storming session on Agromet advisory system	18.03.2019 1 Days	VC&RI, Namakkal
500	Murugan, P Assistant Professor KVK, Namakkal	Discussion on Fall armyworm management in Maize	21.03.19 1 Day	Directorate of Agriculture, Chennai
501	Murugan, P Assistant Professor KVK, Namakkal	Group discussion on Promotion of ELS Cotton in Tamil Nad	21.03.19 1 Day	Directorate of Agriculture, Chennai
502	Murugan, P Assistant Professor KVK, Namakkal	Workshop on KVK Pre action plan meeting	23.03.19	TNAU, Coimbatore
503	Sathya, S Assistant Professor KVK, Namakkal	Orientation training programme for officers involved in soil health card scheme	22.10.18 to 26.101.8 5 days	MANAGE Hyderabad
504	Kathirvelan, C Assistant Professor KVK, Namakkal	Preparation of Bankable projects for livestock	20.02.19 22.02.19	VCRI, Namakkal

505	Tradit de G	Dd W. C.	27.02.10	TIGHT O I
505	Kathirvelan, C	Ethno Veterinary Practices	25.02.19	VCRI, Orthanadu.
	Assistant Professor	for livestock		
	KVK, Namakkal			
506	Kathirvelan, C	International Tamil	22.02.19	TANUVAS, Chennai
	Assistant Professor	Conference	To 23.02.19	
	KVK, Namakkal	Oral presentation	2 Days	
507	Paulpandi, S	Fish seed production	05.02.19 to	AQUACULTURE
307	Assistant Professor	technology and Quality	14.02.19	Dept, College of
	KVK, Namakkal	Assurances	10 days	Fisheries,Brahmapur,
				Odisha
508	Akila, N	Interactive Workshop on	9.11.2018	Forest College &
	Professor and Head	Agro Forestry	1 day	Research Institute
	KVK, Namakkal			Campus, Mettupalayam
509	Meenakshi Sundaram, S	National Conference	23.01.2019 -	College of Veterinary
		on "Innovations in	25.01.2019	and Animal Sciences,
		Animal Production		Mannuthy, Thrissur,
		for Sustainability and		Kerala
		Doubling Farmers		Teruiu
		Income" & XXVI		
		Annual Convention of		
		the Indian Society of		
		Animal Production and		
		Management		
510	Shanmuga Sundaram, A	XII th annual convention	29.09.2019 -	College of Veterinary
	,	of association of Indian	30.09.2018	and Animal Sciences,
		Zoo and Wildlife		GBPUA&T, Uttarakhand
		veterinarians & National		GB1 G116C1, Gttaramiana
		conference on wildlife		
		health management		
		vis-a-vis prospect of		
		mitigation of extrinsic		
		influences impinging their		
		conservation		
511	Shanmuga Sundaram, A	National conference on	19.11.2018 -	Institute of Fisheries
		Agricultural scientific	20.11.2018	Post Graduate Studies
		Tamil"		(IFPGS), TNJFU, OMR
				campus, Vaniyanchavadi,
				Chennai - 603 103.
512	Shanmuga Sundaram, A	One day training	21.12.2018	VC&RI, Orathanadu
312	Shaiinuga Sundarani, A		41.14.4010	v C&Ki, Oramanauu
		programme on Ethno		
		veterinary practices		
513	Nithya, C	21 days training	28.11.2018 -	TNAU, Coimbatore
		programme on Frontier	18.12.2018	
		technologies for future		
		profitable and sustainable		
		agriculture		
514	Nithya, C	National conference on	19.11.2018 -	Institute of Fisheries
	- · · · · · · · · · · · · · · · · · · ·	Agricultural scientific	20.11.2018	Post Graduate Studies
		Tamil"	20.11.2010	(IFPGS), TNJFU, OMR
		1411111		
				campus, Vaniyanchavadi,
				Chennai - 603 103.
515	Nithya, C	International conference	22.02.2019 -	Madras Veterinary
		on Role of Veterinary	23.02.2019	college,
		Science in Farmers		Chennai-07.
		Livelihood.Organised by		
		Kalnadai Ariviyal Thamil		
		Iyakkam.		
		1 y a K K a H I I .		

516	Rachel Jemimah, E	Asian Regional	22.10.2018 -	Amity University, Jaipur
517		Conference on Goats	26.10.2018	7 mily Chrycisty, surpur
517		(ARCG – 2018)	20.10.2010	
317	N. Karthikeyan,	Training Programme	29.01.2019	VCRI campus,
	Assistant Professor	on "Preparation of model	to	Namakkal.
	7 ISSISTANT 1 TOTOSSOT	bankable projects for	31.01.2019	Tulliukkul.
		livestock and poultry	31.01.2017	
		farms"		
518	N. Karthikeyan,	Training Programme	21.12.2018	VCRI, Orathanadu
310	Assistant Professor	on "Ethno Veterinary	21.12.2010	Verti, orumanada
	7 ISSISTANT 1 TOTOSSOT	Practices"		
519	C. Pandian	Training Programme	21.12.2018	VCRI, Orathanadu
01)	Assistant Professor	on "Ethno Veterinary	21.12.2010	V Citi, Ciumunuuu
	Tissistant Tioressor	Practices"		
520	A. Elango,	47th Dairy Industry	07.02.2019	Samrat Ashok
320	Professor	Conference of Indian	-	Convention Centre,
	Tiolessor	Dairy Association,	09.02.2019	Patna, Bihar.
521	M.Vijaya Bharathi	International Tamil	23.02.2019	Madras Veterinary
321	Associate Professor	Conference	- 24.02.2019	College, Chennai
522	M. Vijaya Bharathi	WSAVA CE Outreach	09.11.2018	Madras Veterinary
322	Associate Professor	programme	07.11.2010	College, Chennai
523	Dr. V. Jeichitra	"Conservation of	02/05/2018-	Dept. of Animal Genetics
323	Professor	indigenous livestock	22/05/2018	and Breeding, Madras
	110103301	germplasm : An Avant-	22/03/2010	Veterinary College,
		Garde approach to		Chennai-7
		success"		Chemiai-7
524	Dr.K.Senthilkumar,	Animals in Disaster	26-09-2018-	
324	Asst. Prof.	Anniais in Disaster	27-09-2018	
525	Dr.K.Senthilkumar,	Animals in Sangam	03.10.2018-	Madras Veterinary
020	Assistant Professor	classics (Vilanginamum	04.10.2018	College, Chennai-7
	110010000101110100001	avatrin vazhviyalum)	0 10.2010	Conego, Chemius
526	Dr.K.Senthilkumar,	Native Chicken	19.12.2018	Madras Veterinary
020	Assistant Professor	Production: Opportunities	20.12.2018	College, Chennai-7
		for Conservation,		
		Productivity Enhancement		
		1 *		
527	Dr.K.Senthilkumar		22.02.2019-	Kalnadai Arivival Thamil
	R.Rajendran		17/09/18	IVRI, Izatnagar
528	Professor	on "Genomic Selection	22, -2	,
528				
528				
528		India: The way forward"		
528	R.Rajendran	India: The way forward"  International Conference	22/02/19-	Madras Veterinary
	R.Rajendran Professor		22/02/19- 23/02/2019	Madras Veterinary College
		International Conference		_
		International Conference on "Role of Veterinary		_
		International Conference on "Role of Veterinary Science in the Livelihood		_
529	Professor	International Conference on "Role of Veterinary Science in the Livelihood of Farmers"	23/02/2019	College
529	Professor  Prakash, S.,	International Conference on "Role of Veterinary Science in the Livelihood of Farmers" Orientation Training	23/02/2019 17.03.18 to	College  Madras Veterinary
527	Dr.K.Senthilkumar, Assistant Professor  R.Rajendran Professor	and its implementation in	22.02.2019- 23.02.2019 17/09/18	Kalnadai Ariviyal Thai Iyakkam, TANUVAS a MVC, Chennai-7 IVRI, Izatnagar

531	Premavalli, K., Associate Professor	"National conference on Agricultural scientific Tamil"	19.11.18 to 20.11.18	Institute of Fisheries Post Graduate studies (IFPGS), TNJFU, OMR campus, vaniyanchavadi, Chennai – 603 103.
532	Selvan, S.T., Professor and Head	National Conference on 'Native chicken production: Opportunities for conservation, productivity enhancement And commercial exploitation in view of global warming' organized by Poultry Research Station	19-20 December, 2018	Madras Veterinary College, Chennai -7
533	Premavalli, K., Associate Professor	National Conference on 'Native chicken production: Opportunities for conservation, productivity enhancement And commercial exploitation in view of global warming' organized by Poultry Research Station	19-20 December, 2018	Madras Veterinary College, Chennai -7
534	Prakash, S., Assistant Professor	One day Training Programme on Ethno Veterinary Practices	21.12.2018	VC&RI, Orathanadu.
535	Premavalli, K., Associate Professor	International Conference on "Role of Veterinary Science in the Livelihood of Farmers"	22.02.2019 to 23.02.2019	Madras Veterinary College
536	M.Suganthi, Assistant Professor	Tamil conference	22.2.19 to 23.2.19	MVC, Chennai
537	M.Suganthi, Assistant Professor	Scientific Tamil conference	19.11.18 and 20.11.18	Fisheries university, chennai
538	M.Suganthi, Assistant Professor	Scientific conference on Doubling Farmers income for sustainable and harmonious agriculture	11.08.2018 & 12.08.18	Ranchi
539	Dr.V.Sankar Assistant Professor.	"Recent Advances in Nutritional- Physiological Approaches for Improving Reproduction and Production in Livestock Under Climate Change Scenario"	From 20.08.2018 to 30.08.2018	ICAR – National Institute of Animal Nutrition and Physiology, Bangalore
540	Dr.A.K.Thiru-venkadan, Ph.D., Professor and Head	"4th Asian – Australian Dairy Goat Conference"	From 17.10.18 to 19.10.18	TRA VINH University, Vietnam
541	Dr.J. Muralidharan, Ph.D., Professor	"Asian Regional Conference on Goats" held at Amity University,	From 22.10.18 to 26.10.18	Jaipur, Rajasthan
542	Dr. V. Sankar, Assistant Professor	Training programme on "Ethno Veterinary Practice"	21.12.2018	Department of Veterinary Pharmacology and Toxicology

543	Dr.J.Muralidharan, Professor and Head	National conference on "Innovations in Animal Production for Sustainability and Doubling Farmers Income & XXVI Annual Convection of the Indian Society of Animal Production and Management"  "Continuing Education	From 23.01.2019 to 25.01.2019	College of Veterinary and Animal Sciences, Mannuthy, Thrissur, Kerala.
544	Dr.P.Nalini, Assistant Professor	"Continuing Education Programme" conducted by Small Animal Practitioners Association of Chennai	to 27.01.2019	Yelagiri
545	Dr.V.Sankar, Assistant Professor	Training programme on "Preparation of Model Bankable Projects for Livestock and Poultry Farms"	From 29.01.2019 to 31.01.2019	Veterinary College and Research Institute, Namakkal
546	Dr. V.Sankar Assistant Professor	"National Seminar on Current Scenario and Future Strategies for Augmenting Productivity in Small Ruminants"	From 14.02.2019 to 16.02.2019	Patna – ISSGPU
547	Dr. J. Muralidharan, Professor and Head,	one day training programme of Staff Profile Information System	21.03.2019.	Veterinary College and Research Institute, Namakkal
548	Mrs.C.Sarala, Supdt.		21.03.2019.	Veterinary College and Research Institute, Namakkal
549	Dr.L.Arun, Assistant Professor	Ph.D Programme		Mannuthy, Trissur, Kerala
550	Dr.R. Prabhakar, Assistant Professor	Participated and presented in the 'International conference on - 'GENOME BIOLOGY 2018: Mechanisms in Health and Disease'	13.07.18 to 14.07.18	Indian Institute of Science, Bangalore
551	Dr. S. Krishna Kumar, Assistant Professor	Participated in the 21 days CAFT Training Programme on "Updates in disease diagnosis and treatment protocols in health management of farm and companion animals"	21.08.18 to 10.09.18	Madras Veterinary College, Chennai
552	Dr. R. Anil Kumar, Professor and Head	Participated and presented a Lead paper in the National Seminar on "Animals in Sangam Classics" about 'Indian Gaur'	03.10.18 to 04.10.18	Madras Veterinary College, Chennai

		1		
553	Dr. N. Prema, Dr. S. Krishna Kumar, Dr. V. Thavasiappan, and Dr. R. Prabhakar, Assistant Professor	Participated in the one day Training Programme on Ethnoveterinary Herbal Product Research and Development Centre on 'Ethnoveterinary Practices in Livestock and Poultry'	16.10.18	RJD Office, Dept of Animal Husbandry, The Nilgiris
554	Dr. V. Thavasiappan & Dr. R.Prabhakar, Assistant Professor	Participated in the one day training program on "Ethno Veterinary Practices" under SIF scheme on 'Ethno Veterinary Herbal Product Research and Development Centre	21.12.18	VCRI, Orathanadu
555	Dr. R.Prabhakar, Assistant Professor	Participated and presented in the National Conference on "Native Chicken Production: Opportunities for Conservation, Productivity Enhancement and Commercial Exploitation in view of global warming"	19.12.18 and 20.12.18	MVC, Chennai
556	Dr. R. Prabhakar, Assistant Professor	Attended three days Training program on "Preparation of model bankable projects for livestock and poultry farms"	29.01.19 to 31.01.19	VCRI, Namakkal
557	Dr. N.Prema, Assistant Professor	Delivered a lecture on "Concepts in Farm Economics" in the training programme: Bankable Model Projects	31.01.19	Department of Animal Husbandry Economics, VC&RI, Namakkal
558	Dr. R. Anil Kumar, Professor and Head	Participated and presented a Lead paper in the 28th National Conference of Soil Conservation Society of India, New Delhi on "Farmers Friendly Soil and Water Conservation Technologies for Mitigating Climate Change Impact"	31.01.19	Ooty.
559	Dr. V. Thavasiappan, Assistant Professor	Participated and presented in the National Seminar on "Current Scenario and Future Strategies for Augmenting Productivity of Small Ruminants".	14.02.19 to 16.02.19	Bihar Animal Sciences University, Patna.
560	Dr. R. Anil Kumar, Professor and Head	Participated and presented a Lead paper in the International Conference on "Role of Veterinary Science in Farmer's Livelihood"	22.02.19 and 23.02.19	Madras Veterinary College, Chennai

561	Dr. S. Krishna Kumar, Assistant Professor	Participated and presented in the International Conference on "Role of Veterinary Science in Farmer's Livelihood"	22.02.19 and 23.02.19	Madras Veterinary College, Chennai
562	Dr. R. Anil Kumar Professor & Head	Attended one day training program on "Online Staff Information System" - Staff profile updation training	21.03.19	VCRI, Namakkal
563	Dr. V. Thavasiappan, Assistant Professor	Participated and presented in the National Seminar on 'Medicinal Plants Used in Homeopathic System - Cultivation, Standardization and Quality Control in India' organised by Centre of Medicinal Plants Research in Homeopathy	23.03.19 & 24.03.19	Kluney Manor, Ooty
564	R. Murugeswari	Climate Change Led Abiotic and Biotic Stress in Farm Animals and Amelioration with Nutritional and Physiological Approaches	01.11.2018 – 21.11.2018	National Institute of Animal Nutrition and Physiology, Bengaluru.
565	S.Gunasekaran	Strategies to overcome the challenges in diseases, nutritional and managemental practices for poultry production	06.02.2019 – 26.02.2019	VC & RI, Namakkal
566	V.S. Mynavathi	Frontier technologies for future profitable and sustainable agriculture	28.11.2018- 18.12.2018	Tamil Nadu Agricultural University, Coimbatore
567	Dr.Pasupathi, Karu., Associate Professor	National conference on "Agricultural Scientific Tamil"	18.11.2018- 19.11.2018	Tami Nadu JJ Fisheries University, Chennai
568		National conference cum workshop on "Zero hunger challenges: strategies for food security"	13.12.2018- 14.12.2018	CFDT, Koduvalli
569		International Conference on "Uzhavar valviyalil unnatha kaalnadai maruththuva ariviyal"	22.02.2019- 23.02.2019	MVC, Chennai
570	Dr.S.Jaishankar	Agricultural scientific	19.11.2018, 20.11.2018	TNFU
571	Dr.Clement Ebenezer Henry,	Native chicken production: Opportunities for conservation, productivity Enhancement and commercial Exploitation in view of global warming	19.12.2018, 20.12.2018	MVC, Chennai
572	Dr.A.Sheeba	Ethano Veterinary Practices	23.12.2018	VCRI, Orathanadu

573	Dr.S. Jaishankar,	Kalnadai Tamil Ariviyal Peravai	22.02.2019, 23.02.2019	MVC, Chennai
574	Dr.A.Sheeba	Kalnadai Tamil Ariviyal Peravai	22.02.2019, 23.02.2019	MVC, Chennai
575	A. Paramasivam Associate Professor and Head	National Conference of "Native Chicken Production: Opportunities for Conservation, Productivity Enhancement and Commercial Exploitation in view of Global warming"	19 <sup>th</sup> and 20 <sup>th</sup> December 2018	Madras Veterinary College,
576	Subash, R Assistant Professor	Ethno veterinary practices	21st December 2018	VC&RI, Orathanadu
577	P.Ganapathi Assistant Professor	Kalnadai Ariviyal Thamil Iyakkam, First International conference. TamilNadu	22-23 February 2019	Madras Veterinary College,
578	A.Parama-sivam, Associate Professor and Head	Kalnadai Ariviyal Thamil Iyakkam, First International conference. TamilNadu	22-23 February 2019	Madras Veterinary College,
579	S. Manokaran	Winter School Training Programme on "Current Concepts and Frontier Technologies for Conservation and Improvement of Indigenous Dairy Bovine Genetic Resources"	19.07.2018 to 08.08.2018	ICAR-National Dairy Research Institute Southern Regional Station, Bangalore
580	T. Geetha	Winter School Training Programme on "Current Concepts and Frontier Technologies for Conservation and Improvement of Indigenous Dairy Bovine Genetic Resources"	19.07.2018 to 08.08.2018	ICAR-National Dairy Research Institute Southern Regional Station, Bangalore
581	S. Manokaran	Ethno veterinary practices	25.12.2018	Dept. of Veterinary Pharmacology and Toxicology, Veterinary College and Research Institute, Orathandu, Tahanjavur (Dt)
582	T. Geetha	Preparation of the model bankable projects for livestock and poultry farms	29.01.2019 to 31.01.2019	Dept. of Animal Husbandry Economics and Statistics, Veterinary College and Research Institute, Namakkal
583	T. Geetha	Staff information system	21.03.2019	Veterinary College and Research Institute, Namakkal

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584	T. Geetha	Tamil Society for Agricultural Sciences, New Delhi. Fourth National Conference on Agricultural Scientific Tamil	19-20 <sup>th</sup> November 2018	Institute of Fisheries Post Graduate Studies (IFPGS), TNJFU, OMR Campus, Vaniyanchavadi, Chennai-603 103
585	N.V. Kavithaa	Tamil Society for Agricultural Sciences, New Delhi. Fourth National Conference on Agricultural Scientific Tamil	19-20 <sup>th</sup> November 2018	Institute of Fisheries Post Graduate Studies (IFPGS), TNJFU, OMR Campus, Vaniyanchavadi, Chennai-603 103
586	S. Manokaran	XXXIV Annual Convention of Indian Society for the Study of Animal Reproduction (ISSAR) and International Symposium on "Productivity Enhancement through Augmenting Reproductive Efficiency of Livestock for Sustainable Rural Economy"	28-30 <sup>th</sup> December, 2018	College of Veterinary Science and Animal Husbandry, Anand Agricultural University, Anand, Gujarat
587	T.Geetha	National Conference on Innovations in Animal Production for Sustainability and Doubling Farmers Income & XXVIth Annual Convention of the Indian Society of Animal Production Management	23-25 January, 2019.	College of Veterinary and Animal Sciences, Mannuthy, Thrissur, Kerala
588	T.Geetha	Kalnadai Ariviyal Thamil Iyakkam, Tamil Nadu, International conference on Role of Veterinary Science in Farmers Livelihood	22-23 February, 2019	Madras Veterinary College, Chennai
589	R.Selvakkumar Assistant Professor	"Modern techniques in pig semen processing and Artificial Insemination	22.10.18- 31.10.18	ICAR-Central Coastal Agricultural Research Institute (ICARGOA), Old Goa
590	R. Selvakkumar Assistant Professor	Training programme on "Ethnoveterinary practice"	21.12.18	VCRI, Orathanadu
600	R. Selvakkumar Assistant Professor	XXVI annual convention of the Indian Society of Animal Production and Management & National Conference on Innovations inanimal production for sustainability and doubling farmers income	23.01.19- 25.01.19	College of Veterinary and Animal Sciences, Mannuthy, Thirssur, Kerala.
601	R.Uma Rani	Ethno-Veterinary Practices	10.05.18 11.05.18	VC & RI, Tirunelveli

602	Dr. R. Uma Rani	Preparation of model	29.01.19	Department of Animal
		bankable projects for	31.01.19	Husbandry and
		livestock and poultry		Economics,
		farms		VC&RI Namakkal
603	Senthilkumar, R. P.	"Quality Management	22.01.19	MVC Campus,
		System and Internal Audit	25.01.19	Chennai 600 007
		ISO/IEC 17025:2017"		
		conducted by Faculty		
		of Basic Sciences,		
		TANUVAS		
604	Pothiappan, P.	37th Annual Convention	01.02.19	College of Veterinary
		of Indian Society for	03.02.19	and Animal Science,
		Veterinary Medicine,		Bikaner, Rajasthan,
		"Holistic Approach in		India.
		Veterinary Medicine for		
		Better Animal Health to		
		Meet Challenges of One Health Mission".		
605	Ravikumar	One health India summit	03.05.18	New Delhi
003	Kavikuillai	One nearm mara summit	04.05.18	New Dellii
606	Ravikumar	One Health	18.02.19	New Delhi
000	Kavikuillai	conference 2019	19.02.19	New Dellii
607	Ravikumar	ICAR ORPZD – Annual	21.12.18	Veterinary college,
007	ixa v ixamur	review meeting	22.12.18	Mumbai
608	Manivannan C.	International Symposium	26.09.2018	MVC, Chennai
000	Professor	on "Animals in disaster"	27.09.2018	Wive, Chemiai
	110163301		27.07.2010	
609	Manivannan C.	Seminar on "Animals in	03.10.2018	MVC, Chennai
	Professor	Sangam Classics"	04.10.2018	
610	Senthilkumar T.	Seminar on "Animals in	03.10.2018	MVC, Chennai
	Professor	Sangam Classics"	04.10.2018	
611	Manivannan C.	Farmers workshop on	08.10.2018	VC&RI, Tirunelveli
	Professor	"Mobile Application in	-	
		Small Ruminant Farming		
		System"		
612	Kanimozhi R.K.	Seminar on "Animals in	03.10.2018	MVC, Chennai
	Assistant Professor	Sangam Classics"	04.10.2018	
613	Madukeswaran B.	Seminar on "Animals in	03.10.2018	MVC, Chennai
	Assistant Professor	Sangam Classics"	04.10.2018	

# 6.6.5.3 Incentives for Excellence/Faculty recognition and any other staff. Does the University offering Best Teacher Award (ICAR) or any other means of recognition to promote excellence in faculty and other supporting staff? Give the list of awards and selection procedure

#### Following awards given by TANUVAS for faculty members

- 1. Dr. A.T. Venugopalan award
- 2. Dr. Unnikrishna Menon memorial TANSA TANUVAS Award
- 3. Dr. V.D. Padmanaban Gold Meda
- 4. Vaithilingam Rathnasabpathy Endowment (cash award)
- 5. Kumaran Sivaraman Award (Cash Award)
- 6. Maruthamuthu Mariyayee Memorial Award (Best Teacher)

#### Text Books

- 1. Shantha Memorial Prize
- 2. Tamil Peravai of TANUVAS Prize

#### Dr. A.T. Venugopalan Gold Medal

### Rules for the award of "Dr.A.T. Venugopalan Gold medal for the best Faculty of Veterinary Microbiology" of TANUVAS

- 1. The ENSOWMENT WAS INSTITUTED BY Retired Microbiology Professors of TANUVAS viz., Dr.K.Nachimuthu, Dr.V.Ramaswamy, Dr.N.Dorairajan, Dr.V.Purushothaman and Dr.N.Danieal Joy Chandran.
- 2. The Endowment shall be called as Retired Microbiology Professors Endowment and utilizing the interest proceeds of the endowment a gold medal in the name of Dr.A.T.Venugopalan is to be awarded every year as Dr.A.T.Venugopalan Gold Medal to the Best Faculty of Veterinary Microbiology. The award shall be in the form of Gold Medal.
- 3. A sum of Rs.1,00,000/- (Rupees One lakh only) provided by the retired Professors of TANUVAS shall be invested by the University in fixed deposit of a bank decided by the University, interest of which is to be utilized i.e. 50% interest from the corpus amount will be utilized for the award and the remaining 50% shall be added to the corpus amount.
- 4. The medal shall be awarded to the Best Faculty of Vetrinary Microbiology, TANUVAS who have dedicated their service for advancement in the field of Veterinary Microbiology. The following norms may be followed for selecting the staff for the award.

Should be the citizen of India
Should have a Basic Veterianary Science Degree (i.e. BVSc)
Should be less than 60 years of age.
Should have actively engaged in teaching / research / extension.
Faculty with Masters and PhD in Veterinary Microbiology should have worked for a least a minimum period of 3 years in the Department of Veterinary Microbiology of TANUVAS with minimum total service of 5 years.
Should have contributed for the development of Veterinary Microbiology products process / transfer of technology / patent filing.
Should have participated in National / International level seminar / symposium / workshop / training programme.
Should have presented research papers in National / International programme.
Should have published research papers in leading journals.
Should have evolved teaching aids or should have written a book or chapters

Should be a member of Tamil Nadu Veterinary Council.
Should not have been punished for any misconduct and there should not be any charges pending
against him / her.
The award may be given at the maximum of two times for the same staff.
Nomination may be received from the staff by communication the various in advance.

- 5. The award shall be given at the time of convocation.
- 6. If in any year, the award is not given, the interest on the investment shall be added to the corpus fund.
- 7. The decision of the University shall be final in all aspects of the endowment.
- 8. A committee with minimum three members may be constituted by the Vice-Chancellor, to select the person who satisfies the maximum on the norms mentioned above.

#### Kumaran Siyaraman Award

### Rules of "Kumaran Sivaraman Award to encourage more research in the area of Fodder Production and effective utilization for Livestock".

- 1. The name of the award shall be "KUMARAN SIVARAMN AWARD"
- 2. The award is instituted in commemoration of Silver Jubilee year of TANUVAS by S.KUMARAN, Associated Professor (Retired), University Research Farm, TANUVAS, MMC, Chennai 600 051
- 3. A sum of Rs.2,151627/- (Rupees two lakhs fifteen thousand six hundred and twenty seven only) is donated shall be invested as fixed deposit of the bank decided by the university to encourage more research in the area of "Fodder Production and Effective Utilization for Livestock"
- 4. The award shall be annual, in the form of cash award Rs.5,000/- (Rupees Five thousand only) from the interest proceeds along with a certificate.
- 5. The award shall be given annually for innovative young scientist of TANUVAS (45 years of age and below) who contribute in the development of packages / technology or other means through research or extension that enhance the fodder production either in quantitative terms or qualitative terms by achieving higher fodder yield, development / Intruduction of new varieties, improving nutritional aspects of fodder, increasing palatability etc., that ultimately results in higher milk production.
- 6. Application to be called for from eligible candidates annually. A Five member committee may be constituted for the purpose by Vice-Chancellor, TANUVAS which should also include the Professor and Head, Department of Agronomy, Madras Veterinary College, Chennai 600 007.
- 7. The award should be given on the occasion of the University Convocation
- 8. If any year the award be not awarded, the interest on the investment shall be added to the corpus fund.
- 9. The decision of the University shall be final in all aspects.

#### TAMIL PERAVAI OF TANUVAS PRIZE

#### RULES FOR THE AWARD OF "TAMIL PERAVAI OF TANUVAS PRIZE"

The Endowment was instituted by Management Committee of Second Tamil Science Congress for the award of a prize which shall be called as "TAMIL PERAVAI OF TANUVAS PRIZE" A sum of Rs.25,000/- (Rupees Twenty five thousand only) shall be invested by, the University in fixed 2. deposit in the bank decided by the university, the interest proceeds of which for two years is to be utilized towards the award. The award shall be in the form of medal/book or any other suitable form with a citation at the discretion of the University authorities. 4. The medal shall be awarded bi-annually to the member of the University who writes the best book on Animal Husbandry/ Fisheries including poultry in Tamil. 5. To adjudge the best book, the books on the subjects vide para (iv) published in the previous two years will be taken into consideration. A committee shall be constituted with the following to finalize the awardee. Director of Extension Education - Chairman b) Retired Director/Dean - Member One Senior Professor - Member c) If there is equality, awards of equal value prepared out of the available interest amount will be awarded. If in any year, the medal is not awarded, interest on the investment shall be added to the corpus fund

#### VAITHILINGAM RATHNASABAPATHY ENDOWMENT

### REVISED RULES FOR THE AWARD OF "VAITHILINGAM RATHNASABAPATHY ENDOWMENT" FOR BEST INNOVATION SCIENTIST AWARD.

- 1. The endowment was instituted by Dr. V.Rathnasabapathy, New No.8, Second Cross Street, Venkatesapuram Colony, Chennai-23.
- 2. The endowment shall be called as "VAITHILINGAM RATHNASABAPATHY INNOVATION AWARD"
- 3. After adding the second installment of investment amount of Rs.1.00 lakh with the corpus amount, the total sum of Rs.2,40,000/- lakhs (Two lakhs forty thousand only) the same will be invested by the University in fixed deposit of a bank decided by the University, interest of which is to be utilized towards the endowment.
- 4. The award shall be in the form of Cash along with citation by name "VAITHILINGAM RATHNASABAPATHY INNOVATION AWARD"
- 5. The awardee (best innovating scientist) shall be selected from any of the following catagories:
  - 1) The scientists present and past of TANUVAS.
  - 2) Veterinarians in Tamil Nadu Government Service.
  - 3) Veterinarians in Private Practice in Tamil Nadu.
- 6. An appropriate notification regarding the award shall be made through notice boards in the institutions and circulars to heads of institutions including Director of Animal Husbandry and Veterinary Sciences and Others deemed fit for wide coverage.
- 7. Request for the award can be direct from the Scientists or by Nominations from Deans and Directors of the University (TANUVAS) and Director of Animal Husbandry/Veterinary Service.
- 8. The request should be accompanied by a detailed report on the Innovation.
- 9. A committee will be constituted by the Vice-Chancellor for the selection of eligible candidate.
- 10. Eighty percent (80%) of the interest shall be given as the Cash Prize and remaining Twenty (20%) may be added to the corpus of the endowment for its growth.
- 11. If in any year, the cash award be not awarded, interest on the investment shall be added to the corpus of the endowment for its growth.

#### Dr. V.D. Padmanaban Gold Medal

# Rules for the award of "Dr. V.D. Padmanaban Gold Medal for the best Faculty of Animal Biotechnology of TANUVAS.

- 1. The Endowment was instituted by Retired Professors of TANUVAS, viz., Dr.K.Nachimuthu, Dr.A.Mahalinga Nainar, Dr. P.Ramadass, Dr.V.Thiagarajan, Dr.R.Jayakumar, Dr.D. Karthiresan, Dr.V.Ramaswamy and Dr. N.Durairajan.
- 2. The Endowment shall be called as "Retired Professors of TANUVAS Endowment and the Award as "Dr. V.D. Padmanaban Gold Medal".
- 3. A sum of Rs. 1,00,000/- (Rupees one lakh only) Provided by Retired Professors of TANUVAS shall be invested by the University in fixed deposit of a bank decided by the University.
- 4. Medal shall be awarded to the best faculty of Animal Biotechnology, TANUVAS, who have dedicated their service for advancement of Animal Biotechnology. The following norms may be followed for selecting the staff for the award:

selecting the start for the award.
A basic Veterinary Science Degree(i.e.B.V.Sc. / B.V.Sc & A.H)
Less than 60 years of age
Presently working / worked for at least a minimum period of 5 years in the department of Animal Biotechnology, irrespective of specialization.
Faculty with Masters and Ph.D in Animal Biotechnology, working in other departments or constituent units of TANUVAS having a minimum service of 5 years.
Been part of internal / external funded project
Contributed to the development of Biotechnology products / Process / Transfer of technology / Patents / Research Publications and P.G.Guidance.
Participated in National / International level Seminars / Symposia / Work Shops/Training programmes and presented Research Papers.
Published research papers in indexed Journals Evolved teaching aids and written Text Books or Chapters
Member of Tamil Nadu Veterinary Council
Should be the citizen of India.
The award may be given at the maximum of two times for the same staff
Nominations may be received from the staff by communicating the various normis in advance.

5. The award shall be given at the time of Convocation.

his/her contribution in the field of Animal Biotechnology.

6. If in any year, the award is not given, the interest on the investment shall be added to the corpus fund.

If there is only one application for the award, the candidate may be considered for the award, based on

- 7. The decision of the University shall be final in all aspects of the endowment.
- 8. The award shall be in the form of a Gold Medal.

A committee with minimum of three members, two from TANUVAS and one from outside the University may be constituted by the Vice Chancellor, to select the person, who satisfies the minimum on the norms mentioned above.

#### SHANTHA MEMORIAL PRIZE

#### DRAFT RULES FOR THE AWARD OF SHANTHA MEMORIAL PRIZE

- i. The endowment was instituted by Dr.P.Subramanian, Madurai in memorary of his daughter selvi.S.Shantha for the award of a prize which shall be called as "Shanth Memorial Prize".
- ii. A sum of Rs. 5,001/- (Rupees five thousand and one only) will be invested by the University in fixed deposit in a bank decided by the university, the interest proceeds of which for two years is to be utilized towards the award.

- iii. The award shall be in the form of medal/book or any other suitable form with a citation at the discretion of the university authorities.
- iv. The award shall be made bi-normally to the member of university who writes thebest book on Animal Husbandry including poultry either in English or in Tamil.
- v. To adjudge the best book, the books on the subjects vide para (iv) published in the previous two years will be taken into consideration.
- vi. A committee shall be constituted with the following to finialise the awardee.
  - 1. Dean, Madras Veterinary College
- Chairman
- 2. Professor & Head, Department of
  - Livestock Production & Management Member
- 3. One Senior Professor of Veterinary

Faculty

- Member

- vii. If there is equality, awards of equal value prepared out of the available interest amount will be awarded.
- viii. If in any year, the award is not made, the interest on the investment shall be added to the corpus of the fund.

#### DR. UNNIKRISHNA MENON MEMORIAL TANSA TANUVAS AWARD

## RULES FOR THE AWARD OF "DR. UNNIKRISHNA MENON MEMORIAL TANSA TANUVAS AWARD" TO THE BEST TEACHER IN ANIMAL BIOTECHNOLOGY.

- 1. The endowment was instituted by Br.V.D.Padmanaban, Registrar, TANUVAS, Dr.K.Nachimuthu, Dr.K.Kumanan, Dr.N.Daniel Joy Chandran, Dr.K.Vijayarani and Dr.M.Parthiban.
- 2. The endowment shall be known as Dr.Unnikrishna Menon Memorial TANSA TANUVAS Award.
- 3. A sum of Rs.10,000/- (Rupees Ten thousand only) donated by the donors shall be invited by the University in fixed deposit of a bank decided by the University and the interest of which is to be utilized towards the award of a medal.
- 4. The award shall be in the form of a medal or in any other suitable form at the discretion of the University.
- 5. The mdal shall be awarded annually for the best teacher in Animal Biotechnology in the University who may be selected by a committee constituted for the purpose by the Vice-Chancellor, Tamil Nadu Veterinary and Animal Sciences University.
- 6. If in any year, the modal be not awarded, interest on the investment shall be added to the corpus of the fund.
- 7. The decision of the University shall be final in all respects.

#### MARUTHAMUTHU MARIYAYEE MEMORIAL AWARD

#### RULES FOR THE AWARD OF "MARUTHAMUTHU MARIYAYEE MEMORIAL AWARD"

- 1. The endowment was instituted by Dr. M.Elanchelian, Veterinary Assistant Surgeon, Clinician Centre, Coimbatore in memory of his parents for the award of a medal which shall be called as "Maruthamuthu Mariyayee Memorial Award".
- 2. A sum of Rs.10,000/- (Rupees Ten thousand only) will be invested with the Tamil Nadu Veterinary and Animal Sciences University in fixed deposit in a bank decided by the University the interest of which is to be utilized towards the award of the medal.
- 3. The award shall be in the form of a Medal/Book or any other suitable form at the discretion of the University authorities.
- 4. The medal shall be awarded to the teaching staff of the University who have dedicated their service for the Veterinary Profession. The following norms may be followed for selecting the staff for the award
  - 1. Should have a Basic Veterinary Science Degree (i.e. B.V.Sc.)
  - 2. Should be less than 52 years of age.
  - 3. Should have actively engaged in Teaching at least for a minimum period of 5 years.
  - 4. Should have rendered in extra-ordinary service to the student community.
  - 5. Should have published minimum 10 research paper or 10 popular article in leading Journals/Magazines respectively.
  - 6. Should have evolved Teaching aids or should have written a book or Chapters.
  - 7. Should not have been punished for any misconduct and there should not be any charges pending against him.
  - 8. Should be the member of Tamil Nadu Veterinary Council.
  - 9. Should be the citizen of India.
  - 10. Persons who have undergone special training or summer institute course participation of Radio, Television Programme and attended symposium and seminars may be given preference.
  - 11. The awarded may be given at the maximum of 2 times for the same staff.
  - 12. Nominations may be received from the staff by communicating the various norms in advance.
- 5. A committee with minimum 3 members of the University top officials may be constituted by the Vice-Chancellor, to select the person and the staff who satisfies the maximum norms mentioned above with addition or deletion by the University may be selected for the award.
- 6. The award shall be awarded on the occasion of the University Convocation or Annual Day Function or any other important function of the University.
- 7. If in any year, the medal be not awarded, interest on the investment shall be added to the corpus of the fund.

#### 6.6.5.4 Capacity Building and Training

How many programmes have been initiated towards developing and strengthening skills, instincts, abilities, processes, resources that the University and its stakeholders need to survive, adapt and thrive in the fast changing agricultural scenario?

#### Training programme organized

#### **Courses Offered by Directorate of Distance education**

#### 1. Post Graduate Diploma (Distance Education -Online ) Courses Offered to Veterinary graduates

S.No.	Name of the Course	Eligibility
1.	Regenerative Medicine (PGDRM)	
2.	Small Animal Diagnostic Ultrasound (PGDDUS)	
3.	Bovine Infertility and its Management (PGDBIM)	
4.	Wild Animal Disease Management (PGDWADM)	
5.	Zoonoses (PGDZ)	B.V.Sc. / B.V.Sc. & AH
6.	Veterinary Clinical Laboratory Diagnosis (PGDVCLD)	
7.	Animal Health Economics (PGDAHE)	
8.	Veterinary Endoscopy (PGDVEN)	
9.	Ethno Veterinary Practices (PGDEVP)	

#### 2. Veterinary & Other related science graduates

S.No.	Name of the Course	Eligibility
10.	Advanced Reproductive Biotechnology in	B.V.Sc./ B.V.Sc. and AH/MBBS/ M.Sc. Life
	Animal Models(PGDARB)	Sciences or any other relevant disciplines
11.	Post Harvest Technology and	B.V.Sc/B.V.Sc.& A.H. Bachelor's Degree in
	Quality Assurance of Meat and Meat	Food Science/ Food Technology /Life sciences
	Products (PGDQAMP)	
12.	Participatory Rural Appraisal (PGDPRA)	B.V.Sc/B.VSc&AH, B.Sc(Agri./(Hort./ Home
		Science/Sericulture/Forestry/ Dairy Science/
		Rural Development degree and MSW with
		specialization in rural development, B.E.,
		(Agri. Engineering)
13.	Farm Waste Management (PGDFWM)	B.V.Sc/B.VSc&AH, B.Sc.,(Agri.) /
		B.Sc. Agri (Hons.), / B.Sc.(Hort.),
14.	Dairy Processing and Quality	B.V.Sc.&AH/B.Tech Food Processing
	Assurance(PGDDPQA)	Technology/ Food Technology/ Dairy
		technology and related courses / B.Sc
		DairyScience/ M.Sc Dairy Science / B.Sc (Agri)
		/ B.E. (Agri) / B.Tech (Agri) or any other food
		related disciplines.
15.	Acaro-Entomology(PGDAENT)	B.V.Sc./B.V.Sc.&A.H./B.Sc. Zoology/
		Biotech./ Microbio.
16.	Feed Manufacturing Technology (PGDFMT)	B.V.Sc./B.V.Sc.&AH./ B.E (Agri)/ B.Tech
		(Agri)/ B.F.Sc./ B.Sc (Life sciences)
17.	Commercial Poultry Production and	Any Degree in Life Sciences
	Management (PGDCPPM)	

# Abstract : PG Diploma :

Year	Name of the Course	No.of students registered	No.passed	Percentage
2014-15	Post Graduate Diploma	152	104	68.42
2015-16	(Distance Education –	41	27	65.85
2016-17	Online ) courses offered to	59	45	76.27
2017-18	Veterinary graduates & other	38	26	68.42
2018-19	related science graduates	57	10	17.54

#### 1. 2014-15

S.No	Name of the Course	No.of students registered	No.passed	Percentage
1	Acro-Entomology (PGDAENT)	4	3	
2	Advanced Reproductive Biotechnology in Animal(PGDARB)	6	6	
3	Bovine Infertility and its Management (PGDBIM)	3	1	
4	Commercial Poultry Production and Management(PGDCPPM)	8	4	
5	Dairy Processing and Quality Assurance(PGDDPQA)	5	5	
6	Diversified poultry production(PGDDPP)	1	1	
7	Ethno Veterinary Practices (PGDEVP)	10	9	
8	Feed Manufacturing Technology(PGDFMT)	8	7	
9	Participatory Rural Appraisal(PGDPRA)	2	2	
10	Post Harvest Technology (PGDQAMP)	3	1	
11	Regenerative Medicine (PGDRM)	5	2	
12	Small Animal Dermatology(PGDSAD)	10	9	
13	Small Animal Diagnostic Ultrasound (PGDDUS)	23	15	
14	Small Animal Emergency and Critical Care Medicine(PGDECM)	20	9	
15	Small Animal Orthopedics (PGDORT)	20	13	
16	Veterinary Clinical Laboratory Diagnosis(PGDVCLD)	6	4	
17	Veterinary Ophthalmology (PGDOPH)	7	4	
18	Wild Animal Disease Management(PGDWADM)	9	7	
19	Zoonoses (PGDZ)	2	2	
	Total	152	104	68.42

#### 2. 2015-16

S.No	Name of the Course	No.of students registered	No.passed	Percentage
1	Bovine Infertility and its Management (PGDBIM)	2	1	
2	Commercial Poultry Production and Management(PGDCPPM)	1	0	
3	Dairy Processing and Quality Assurance(PGDDPQA)	1	1	
4	Ethno Veterinary Practices (PGDEVP)	5	4	
5	Feed Manufacturing Technology(PGDFMT)	3	2	
6	Post Harvest Technology and Quality Assurance of Meat and Meat Products (PGDQAMP)	1	0	
7	Small Animal Dermatology(PGDSAD)	4	2	1
8	Small Animal Diagnostic Ultrasound (PGDDUS)	7	5	
9	Small Animal Emergency and Critical Care Medicine(PGDECM)	4	3	
10	Small Animal Orthopedics (PGDORT)	4	3	]
11	Veterinary Clinical Laboratory Diagnosis(PGDVCLD)	1	1	
12	Veterinary Endoscopy (PGDVEN)	2	0	
13	Veterinary Ophthalmology (PGDOPH)	3	3	]
14	Wild Animal Disease	1	0	
	Management(PGDWADM)			]
15	Zoonoses (PGDZ)	2	2	
	Total	41	27	65.85

#### 3.2016-17

S.No	Name of the Course	No.of students registered	No.passed	Percentage
1	Advanced Reproductive Biotechnology in Animal Models (PGDARB)	3	2	
2	Bovine Infertility and its Management (PGDBIM)	3	2	
3	Commercial Poultry Production and Management	1	0	
4	Ethno Veterinary Practices (PGDEVP)	8	6	
5	Feed Manufacturing Technology(PGDFMT)	4	3	
6	Post Harvest Technology and Quality Assurance of Meat & Meat Products(PGDQAMP)	1	1	
7	Small Animal Dermatology(PGDSAD)	3	3	
8	Small Animal Diagnostic Ultrasound (PGDDUS)	10	9	
9	Small Animal Emergency and Critical Care Medicine(PGDECM)	10	6	
10	Veterinary Clinical Laboratory Diagnosis(PGDVCLD)	1	1	
11	Veterinary Endoscopy (PGDVEN)	2	2	
12	Wild Animal Disease Management(PGDWADM)	10	7	
13	Zoonoses (PGDZ)	3	3	
	Total	59	45	76.27

#### 4.2017-18

S.No	Name of the Course	No.of students registered	No.passed	Percentage
1	Advanced Reproductive Biotechnology in Animal Models (PGDARB)	1	1	
2	Commercial Poultry Production and Management (PGDCPPM)	1	0	
3	Dairy Processing and Quality Assurance(PGDDPQA)	1	0	
4	Ethno Veterinary Practices (PGDEVP)	2	2	
5	Feed Manufacturing Technology(PGDFMT)	1	1	
6	Regenerative Medicine (PGDRM)	4	0	
7	Small Animal Diagnostic Ultrasound (PGDDUS)	10	10	
8	Veterinary Clinical Laboratory Diagnosis(PGDVCLD)	7	3	
9	Veterinary Endoscopy (PGDVEN)	1	0	
10	Wild Animal Disease Management(PGDWADM)	8	7	
11	Zoonoses (PGDZ)	2	2	
	Total	38	26	68.42

# 5. 2018-19

S.No	Name of the Course	No.of students registered	No.passed	Percentage
1	Regenerative Medicine (PGDRM)	2	0	
2	Small Animal Diagnostic Ultrasound (PGDDUS)	10	4	
3	Bovine Infertility and its Management (PGDBIM)	2	0	
4	Wild Animal Disease Management(PGDWADM)	4	0	
5	Zoonoses (PGDZ)	1	0	
6	Veterinary Clinical Laboratory Diagnosis(PGDVCLD)	7	1	
7	Veterinary Endoscopy (PGDVEN)	2	2	
8	Ethno Veterinary Practices (PGDEVP)	7	0	
9	Advanced Reproductive Biotechnology in Animal Models (PGDARB)	8	0	
10	Post Harvest Technology and Quality Assurance of Meat & Meat Products(PGDQAMP)	1	0	
11	Participatory Rural Appraisal (PGDPRA)	1	0	
12	Feed Manufacturing Technology(PGDFMT)	9	3	
13	Commercial Poultry Production and Management (PGDCPPM)	3	0	
	Total	57	10	17.54

# 1. Skill Development Courses:

S.No.	Course title	Medium of instruction	Duration	Education qualifications	Fees (in Rs.)
1.	Dairy Farm Assistant	Tamil	1 month	Read & Write in Tamil	1000
2.	Dairy Plant Assistant	Tamil	45 days	10th Std Pass	2000
3.	Milk and Milk Products Quality Control Assistant	Tamil	1 month	10 <sup>th</sup> Std Pass	1000
4.	Feed Mill Supervisor	Tamil	1 month	10 <sup>th</sup> Std Pass	1000
5.	Feed Analytical Technical Assistant	Tamil	3 months	B.Sc., (Physics, Chemistry, Botany, Zoology) / Any degree with experience in feed analysis	5000
6.	Livestock Farm Manager	Tamil	3 months	12 <sup>th</sup> Std Pass	3000
7.	Poultry Farm Manager	Tamil	3 months	12 <sup>th</sup> Std Pass	3000
8.	Hatchery Supervisor	Tamil	1 month	10th Std Pass	1000
9.	Poultry Farm Supervisor	Tamil	45 days	10 <sup>th</sup> Std Pass	2000
10.	Poultry Breeder Farm Supervisor	Tamil	2 months	10 <sup>th</sup> Std Pass	2000
11.	Turkey Farm Assistant	Tamil	1 month	8th Std Pass	500
12.	Poultry Vaccinator	Tamil	1 month	8th Std Pass	2000
S.No.	Course title	Medium of instruction	Duration	Education qualifications	Fees (in Rs.)
13.	Laboratory Assistant	Tamil	3 months	12 <sup>th</sup> Std Pass	3000
14.	Surgery Theatre and Radiology Attendant	Tamil	6 months	10 <sup>th</sup> Std Pass	2000
15.	Small Animal Attendant	Tamil	2 months	8 <sup>th</sup> Std Pass	2000

# 2. Self Employment Courses:

S.No.	Course title	Medium of instruction	Duration	Education Qualifications	Fees (in Rs.)
1.	Dairy Farming	Tamil	1 month	Read & Write in Tamil	1000
2.	Sheep Farming	Tamil	1 month	Read & Write in Tamil	500
3.	Goat Farming	Tamil	1 month	Read & Write in Tamil	1000
4.	Fodder and Fodder Seed Production	Tamil	1 month	Read & Write in Tamil	500
5.	Preparation of Fermented Dairy Products	Tamil	1 month	10th Std Pass	1000
6.	Livestock Farm Waste Utilization	Tamil	1 month	Read & Write in Tamil	500
7.	Rabbit Farming	Tamil	1 month	Read & Write in Tamil	500
8.	Pig Farming	Tamil	1 month	Read & Write in Tamil	2000
9.	Japanese Quail Farming	Tamil	1 month	Read & Write in Tamil	1000
10.	Desi-Chicken Rearing	Tamil	1 month	Read & Write in Tamil	1000

# 3. Courses offered through distance mode:

S.No.	Course title	Medium of instruction	Duration	Education Qualifications	Fees (in Rs.)
1.	Dairy farming	Tamil	3 months	Experience in dairy farming /Read & write in tamil /8 <sup>th</sup> Std Pass	500
2.	Goat Farming	Tamil	3 months	Experience in goat farming /Read & write in tamil /8 <sup>th</sup> Std Pass	500
3.	Sheep Farming	Tamil	3 months	Experience in sheep farming /Read & write in tamil /8 <sup>th</sup> Std Pass	500
4.	Piggery Farming	Tamil	3 months	Experience in piggery farming /Read & write in tamil /8th Std Pass	500
5.	Rabbit Farming	Tamil	3 months	Experience in rabbit farming /Read & write in tamil /8th Std Pass	500
6.	Broiler Farming	Tamil	3 months	Experience in broiler farming /Read & write in tamil /8 <sup>th</sup> Std Pass	500
7.	Layer Farming	Tamil	3 months	Experience in layer farming /Read & write in tamil /8th Std Pass	500
8.	Japanese Quail Farming	Tamil	3 months	Experience in Japanese quail farming / Read & write in tamil /8 <sup>th</sup> Std Pass	500
9.	Turkey Farming	Tamil	3 months	Experience in turkey farming /Read & write in tamil /8 <sup>th</sup> Std Pass	500
10.	Desi Bird Rearing	Tamil	3 months	Experience in desi bird farming /Read & write in tamil /8th Std Pass	500
11.	Livestock Fodder Production	Tamil	3 months	Experience in Livestock fodder production /Read & write in tamil /8 <sup>th</sup> Std Pass	500
12.	Concentrate Feed Preparation	Tamil	3 months	10 <sup>th</sup> Std Pass	1000
13.	Hatchery Management	Tamil	3 months	10 <sup>th</sup> Std Pass	1000
S.No.	Course title	Medium of instruction	Duration	Education Qualifications	Fees (in Rs.)
14.	Value added Milk Product Preparation	Tamil	3 months	10 <sup>th</sup> Std Pass	1000
15.	Value added Meat Product Preparation	Tamil	3 months	10 <sup>th</sup> Std Pass	1000
16.	Waste Disposal Management	Tamil	3 months	10 <sup>th</sup> Std Pass	1000
17.	Bio Security Measures	Tamil	3 months	10 <sup>th</sup> Std Pass	1000
18.	Clean Meat Production	Tamil	3 months	10 <sup>th</sup> Std Pass	1000
19.	Feed Mill Management	Tamil	3 months	10 <sup>th</sup> Std Pass	1000
20.	Animal Welfare	English	6 months	10 <sup>th</sup> Std Pass	1000

### **Applicants Registered/Enrolled:**

S.No	Name of the Programmes	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
1	Skill Development Courses	65	45	59	36	37
2	Self Employment Courses	488	315	521	616	942
3	Courses through Distance	45	35	55	13	-
	mode					

### 1. Skill Development Course (No. applicants registered/enrolled)

S.No	Name of the Course	2014 - 15	2015 - 16	2016 - 17	2017 - 18	2018 - 19
1	Dairy farm assistant	27	17	23	3	-
2	Dairy plant assistant	4	-	-	2	-
3	Milk and milk products quality	3	5	9	2	6
	control assistant					
4	Feed mill supervisor	13	6	6	1	-
5	Feed analytical technical assistant	-	1	-		-
6	Livestock farm manager	9	7	11	25	20
7	Poultry farm manager	1	-	3	1	2
8	Hatchery supervisor	1	-	3	1	-
9	Poultry farm supervisor	2	5	1		-
10	Poultry breeder farm supervisor	3	2	-		-
11	Turkey farm assistant	1	1	1	1	-
12	Poultry vaccinator	-	-	1	-	9
13	Laboratory assistant	-	-	_	-	-
14	Surgery theatre and radiology	-	-	-	-	-
	attendant					
15	Small animal attendant	1	1	1	-	-
	Total	65	45	59	36	37

### 2. Self Employment Course (No. applicants registered/enrolled)

S.No	Name of the Course	2014 - 15	2015 - 16	2016 - 17	2017 - 18	2018 - 19
1	Dairy farming	145	106	163	182	348
2	Sheep farming	13	17	6	7	1
3	Goat farming	159	106	120	198	245
4	Fodder and fodder seed	6	5	1	3	-
	production					
5	Preparation of fermented dairy	1	4	4	3	10
	product					
6	Livestock farm waste utilization	1	2	-	-	-
7	Rabbit farming	12	20	17	11	7
8	Pig farming	26	19	16	21	26
9	Japanese quail farming	9	2	8	10	7
10	Desi bird rearing	116	34	186	181	298
	Total	488	315	521	616	942

### 3. Courses through distance mode (No. applicants registered/enrolled)

S.No	Name of the Course	2014 - 15	2015 - 16	2016 - 17	2017 - 18	2018 - 19
1	Dairy farming	3	9	12	1	-
2	Goat farming	1	7	4	-	-
3	Sheep farming	-	-	-	-	-
4	Piggery farming	-	-	-	-	-
5	Rabbit farming	2	-	3	-	-
6	Broiler farming	3	7	-	-	-
7	Layer farming	2	-	4	-	-
8	Japanese quail farming	1	2	-	1	-

9	Turkey farming	-	1	-	-	-
10	Desi- bird rearing	2	4	14	2	-
11	Livestock fodder production	1	-	-	-	-
12	Concentrate feed preparation	27	1	1	-	-
13	Hatchery management	-	-	1	1	-
14	Value added milk product	3	3	1	-	-
	preparation					
15	Value added meat product	-	-	-	-	-
	preparation					
16	Waste disposal management	-	-	-	-	-
17	Bio-security measures	-	1	1	-	-
18	Clean meat production	-	-	-	-	-
19	Feed mill management	-	-	1	-	-
20	Animal welfare (Medium of	_	-	13	8	-
	instruction – English)					
	Total	45	35	55	13	-

### SEMINARS / SYMPOSIUM / WORKSHOPS / TRAININGS ORGANIZED AT TANUVAS

#### 2014-15

### Training

Title of the Programme	Name of the Department / Institute	Duration	Sponsoring Agency	No. of Participants
Critical Care and Internal	Veterinary Clinical	07.04.14 -	TANUVAS	10
Medicine in Canines	Medicine, MVC, Chennai	11.04.14		
		05.05.14 -		10
		09.05.14		
		16.06.14 -		10
		20.06.14		
Current concepts in canine	Veterinary Gynaecology	21.04.14 -	TANUVAS	10
breeding management and	and Obstetrics, MVC,	25.04.14		
artificial insemination in dogs	Chennai	00.06.14		10
		09.06.14 -		10
		13.06.14	Kerala Veterinary	10
		09.02.15 -	Council	10
		13.02.15	Council	
Veterinary Endoscopy	Veterinary Clinical	29.04.14 -	On payment	2
vetermary Endoscopy	Medicine, VC&RI,	31.04.14	On payment	2
	Namakkal	31.04.14		
Meat processing and Marketing	Livestock Product	06.05.14 -	On payment	4
ma management	Technology (Meat	08.05.14	on pullment	
	Science), MVC, Chennai			
Intra-cytoplasmic	Animal Biotechnology,	19.05.14 -	TANUVAS	2
sperm injection (National)	MVC, Chennai	31.05.14		
		02.06.14 -		2
		14.06.14		
				1
		01.07.14 –		
		14.07.14		
HRD level II	Animal Biotechnology,	21.05.14 -	TANUVAS	10
	MVC, Chennai	17.06.14		
Insilico genome and Proteome	Bioinformatics Centre,	26.05.14 -	Department of	18
analysis (National level)	MVC, Chennai	28.05.14	Biotechnology,	
			New Delhi	

Fodder cultivation technologies with specific reference to farm mechanization, micro irrigation and grassland management	Agronomy, MVC, Chennai	May 2014 – October 2014	Government of Tamil Nadu and TANUVAS	271
Quality control processing and value addition of milk	Livestock Product Technology (Dairy Science), MVC, Chennai	09.06.14 - 20.06.14	Anna University, Chennai	14
Embryo Transfer Technology	Veterinary Gynaecology and Obstetrics, MVC, Chennai	18.06.14 - 27.06.14	Tamil Nadu Livestock Development	13
		16.07.14 - 25.07.14	Agency, Chennai	16
		19.08.14 - 28.08.14		10
Principles and protocols of applied anatomy, physiology and clinical biochemistry in farm and pet animal practice	Veterinary Clinical Medicine, MVC, Chennai	01.07.14 – 21.07.14	Indian Council for Agricultural Research, New Delhi	24
Advanced Veterinary Ultrasound techniques	Veterinary Clinical Medicine, VC&RI, Namakkal	21.07.14 - 25.07.14	Department of Animal Husbandry	10
		04.08.14 - 08.08.14	and Veterinary Services, Government of	10
		18.08.14 - 22.08.14	Tamil Nadu, Chennai	10
		06.10.14 - 10.10.14		10
		27.10.14 - 31.10.14		9
		10.11.14 - 14.11.14		9
		24.11.14 - 28.11.14		11
		01.12.14 - 05.12.14		10
		08.12.14 - 12.12.14		9
		05.01.15 - 09.01.15		10
<i>in-vitro</i> fertilization and embryo co-culture (National)	Animal Biotechnology, MVC, Chennai	01.08.14 – 21.08.14	TANUVAS	20
Skill Upgradation program in diseases of locomotor system in small animals	Veterinary Surgery and Radiology, MVC, Chennai	06.08.14 - 08.08.14	Indian Immuno- logicals, Hyderabad	10
		05.01.15 - 07.01.15		9
Skin diseases of dogs and its management	Veterinary Clinical Medicine, MVC, Chennai	06.08.14 - 08.08.14	TANUVAS	13

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Animal Birth control	Veterinary Gynaecology and Obstetrics, MVC,	06.08.14 - 08.08.14	Indian Immuno- logicals,	11
	Chennai	10.09.14 - 12.09.14	Hyderabad	9
		05.01.15 - 07.01.15		10
Practical training programme in small animal Ultrasonographic diagnosis – Basics	Veterinary Clinical Medicine, VC&RI, Namakkal	25.08.14 - 27.08.14	Mars International, Chennai	8
Diseases of small animal	Veterinary Clinical	03.09.14 -	TANUVAS	10
integumentary system	Medicine, MVC, Chennai	05.09.14 10.09.14 - 12.09.14		7
Advances in reproductive biotechnology: from controlled breeding to cloning	Animal Biotechnology, MVC, Chennai	09.09.14 – 18.09.14	Indian Council of Agricultural Research, New Delhi	13
Ocular Disease and its management	Veterinary Surgery and Radiology, MVC, Chennai	10.09.14 - 12.09.14	Indian Immuno- logicals, Hyderabad	5
Current Approach to the diagnosis and management of eye disease in dogs	Veterinary Surgery and Radiology, MVC, Chennai	17.09.14 – 19.09.14	MARS International, Chennai	7
e, e anomo m aogo	Chama	10.10.14 – 12.10.14		10
Large Animal Ultrasonography	Veterinary Clinical Medicine, MVC, Chennai	27.10.14 - 01.11.14	Department of Animal Husbandry	4
		01.12.14 -06.12.14	and Veterinary Services, Government of	4
		08.12.14 - 13.12.14	Tamil Nadu, Chennai	4
Canine Breeding Management	Veterinary Gynaecology and Obstetrics, MVC, Chennai	05.11.14 - 07.11.14	Pedigree	6
Imaging and minimally invasive diagnostic techniques in farm and pet animal practice	Veterinary Clinical Medicine, MVC, Chennai	05.11.14 – 25.11.14	Indian Council of Agricultural Research, New Delhi	22
Information Retrieval System (5 Batches)	Bioinformatics Centre, MVC, Chennai	24.11.14 – 28.11.14	TANUVAS	96
Exploitation of poultry production by mitigating the climate and farm management to prevent global warming	Poultry Science, VC&RI, Namakkal	26.11.14 – 16.12.14	Indian Council of Agricultural Research, New Delhi	15
Laboratory Techniques for GM/ In-charge of Semen Stations	Animal Genetics and Breeding, MVC, Chennai	01.12.14 – 06.12.14	National Dairy Development Board	7
Complete Hematology, Biochemical investigation in Small Animal Practice	Veterinary Clinical Medicine, MVC, Chennai	03.12.14 - 05.12.14	MARS International, Chennai	11
Advances in diagnosis and management of gastrointestinal diseases in dogs	Veterinary Clinical Medicine, VC&RI, Namakkal	15.12.14 - 17.12.14	Mars International Ltd., India	5
HRD level III	Animal Biotechnology, MVC, Chennai	Dec. 14- March 15	TANUVAS	40
Skin diseases and its management	Veterinary Clinical Medicine, MVC, Chennai	05.01.15 - 07.01.15	TANUVAS	10

Advances in Diagnosis and Control of Animal Diseases	Veterinary Pathology, MVC, Chennai	28.01.15 - 04.02.15	GOI, Ministry of Agriculture (Dept. of Agriculture and Co-operation, Directorate of Extension) New Delhi	20
Perspectives for combating exotic and emerging diseases of poultry for sustainable poultry production and marketing	Poultry Science, VC&RI, Namakkal	04.02.15 – 24.02.15	Indian Council of Agricultural Research, New Delhi	16
Postmortem Techniques of Livestock and Poultry and Handling Veterolegal Cases	Veterinary Pathology, MVC, Chennai	07.02.15 - 24.02.15	GOI, Ministry of Agriculture (Dept. of Agriculture and Co-operation, Directorate of Extension) New Delhi	20
Bovine Infertility and its Management	Veterinary Gynaecology and Obstetrics, MVC, Chennai	23.02.15 - 27.02.15	Virbac	16
Latest extension techniques and management practices for the implementation of various schemes in Animal Husbandry	Directorate of Extension Education, TANUVAS	16.03.15 - 20.03.15	Dept. of Animal Husbandry, Himachal Pradesh	12
Backyard poultry rearing to Kurumba and Irula tribes of Semmanatham village, Ooty taluk of The Nilgiris district	Sheep Breeding Research Station, Sandynallah	22.03.15	TANUVAS	77

### Workshops

Title of the Programme	Name of the Department / Institute	Duration	Sponsoring Agency	No. of participants
Bioinformatical Approaches	Bioinformatics Centre,	24.07.14 -	Department of	7
in Biological Sequence	MVC, Chennai	26.07.14	Biotechnology,	
Analysis with Special			New Delhi	
emphasis on Next				
Generation Sequencing				
Application of	Bioinformatics Centre,	24.09.14 -	Department of	12
Bioinformatics in Drug	MVC, Chennai	26.09.14	Biotechnology	
Designing			New Delhi	
Rabies – Diagnosis	Veterinary Public Health,	26.09.14	TANUVAS	24
	MVC, Chennai			
Pork Processing and Value	Livestock Product	09.10.14 -	TANUVAS	43
Addition	Technology (Meat	10.10.14		
	Science), MVC, Chennai			
Focus on Climate Change	Livestock Production	11.10.14	TANUVAS	120
on Rural Livelihood and	and Management, MVC,			
Farming sector	Chennai			
Pharmaceutical Meet	Veterinary Pharmacology	02.12.14	Pharmaceutical	105
	and Toxicology, VC&RI,		Companies	
	Namakkal			
An insight into	Bioinformatics Centre,	29.12.14 –	Department of	5
Vetinformatics	MVC, Chennai	30.12.14	Biotechnology,	
			New Delhi	

#### **Summer / Winter School**

Title of the Programme	Name of the Department / Institute	Duration	Sponsoring Agency	No. of participants
Current concepts and recent	Animal Nutrition,	16.06.14 -	Indian Council	20
developments in animal feed	VC&RI, Namakkal	25.06.14	of Agricultural	
resources and fodder seed			Research,	
conservation technologies			New Delhi	
Livestock based livelihood	Veterinary Animal	05.11.14 -	Indian Council	25
options: current status, emerging	Husbandry Extension	25.11.14	of Agricultural	
issues & future scenario in	Education, VC&RI,		Research, New	
combating agrarian crisis (Winter)	Namakkal		Delhi	

# **Conferences / Seminars / Symposia**

Title of the Programme	Name of the Department / Institute	Duration	Sponsoring Agency	No. of participants
Avian Influenza Awareness and Bio-security Measures in Poultry Farming	Central University Laboratory, MMC, Chennai	25.07.14	Government of Tamil Nadu	250
Educational and Research Perspectives for Current and Future Trends in the Indian Meat Industry	Livestock Product Technology (Meat Science), MVC, Chennai	15.12.14 - 16.12.14	TANUVAS	265
Sustainable management of animal genetic resources for livelihood security in developing countries	Bioinformatics Centre, MVC, Chennai	13.02.15 – 14.02.15	TANUVAS, Society for Conservation of Domestic Animal Biodiversity (SOCDAB), National Bureau of Animal Genetic Resources, Karnal	280

### 2015-16

# **Madras Veterinary College, Chennai**

Title of the Programme	Place	Duration	Name of the sponsoring agency	No. of Participants
Pork Processing and	Livestock Production and	21.05.15 -	On payment	6
Value Addition	Technology (Meat Science)	23.05.15		
Scientific photography competition	AH Extension Education	19.06.15	TANUVAS	98
Small Animal Diagnostic Ultrasound and Endoscopy to the field Veterinarians of Kerala State	Clinics	22.06.15 - 26.06.15	TANUVAS	10
Management of infertility in buffaloes	Veterinary Gynaecology and Obstetrics	22.06.15 - 24.06.15	SPC-SBGF	10
Current concepts in breeding management and artificial insemination in dogs (Seminar)	Veterinary Gynaecology and Obstetrics	29.06.15 - 03.07.15	Kerala Veterinary Council	10
Application of Bioinformatics in Veterinary Research (Training)	BTIS	06.07.15 - 10.07.15	DBT, New Delhi	21
Veterinary Emergency Response during Disaster (Training)	Clinics	17.07.15 – 20.07.15	National Disaster Management Agency, World Animal Protection, New Delhi	130

	Veterinary Gynaecology	20.07.15-	State Planning	10
Management of infertility in buffaloes (Training)	and Obstetrics	22.07.15	Commission, Chennai	10
Developing winning research proposal (Training)	Madras Veterinary College	10.08.15 – 13.08.15	TANUVAS	25
Diagnostic Ultrasound for Veterinary Practitioners	Veterinary Clinical Medicine	24.08.15 - 28.08.15	TANUVAS	11
Laboratory Technicians training in Frozen Semen Production	Animal Genetics and Breeding	31-08-15 - 04-09-15 14-09-15 -	NDDB, Anand	11
		19-09-15 21-09-15 - 26-09-15		
In-Silico Drug Designing and Development (Workshop)	BTIS	05.10.15 - 09.10.15	DBT, New Delhi	30
Updates in Veterinary Emergency and Critical care in Farm and Pet Animal Practice (Training)	Veterinary Clinical Medicine	11.11.15 - 01.12.15	ICAR	17
Small Animal Diagnostic Imaging (National workshop)	Veterinary Clinical Medicine	02.12.15	ICAR TANUVAS	
Detection and Management of Anthelmintic and Acaricide	Veterinary Parasitology	29.12.15 - 31.12.15	Department of Animal Husbandry	11
Resistance (Training)		27.01.16 - 29.01.16	& Veterinary Services, Govt. of Tamil Nadu	11
Information Retrieval System	BTIS	04.01.16 - 08.01.16	TANUVAS	104
Animal Birth Control	Veterinary Gynaecology and Obstetrics	19.01.16 - 21.01.16	Government of India, New Delhi	5
Genetically improved Swine Production in Tamilnadu by Artificial Insemination (Seminar)	Livestock Production and Management	21.01.16	Polar Genetics, Canada and TANUVAS	31
Book Exhibition	Library Science	01.02.16 - 02.02.16	TANUVAS	-
Techniques of Clinical Pathology and Histopathology	Veterinary Pathology	08.02.16 – 12.02.16 22.02.16 -	Department of Animal Husbandry & Veterinary Services, Govt. of	12 11
Pharmaceutical meet	Veterinary Pharmacology	26.02.16 13.02.16	Tamil Nadu  14 pharmaceutical	110 students
One health approach – Plausible solution for sustainable parasite control (National symposium)	and Toxicology  Veterinary Parasitology	17.02.16 - 19.02.16	companies NABARD, ICAR and other agencies	250
Recent Advancements in Comparative Genomics and Proteomics (Workshop)	Madras Veterinary College, Chennai	22.02.16 - 26.02.16	DBT, New Delhi	27
Food: Safety, Health and Environment (National Seminar)	Madras Veterinary College, Chennai	23.02.16 – 25.02.16	Advertisers	224

# Faculty of Basic Sciences, MVC, Chennai

Title of the Programme	Name of the Department / Institute	Duration	Sponsoring Agency	No. of Participants
Intra-cytoplasmic	Animal Biotechnology	06.05.15 -	TANUVAS	4
sperm injection		20.05.15		
(National level training)		02.06.15 -		
		15.06.15		4
in-vitro fertilization and	Animal Biotechnology	08.04.15	TANUVAS	14
embryo co-culture		28.04.15		
(National level training)		01.09.15 -		18
		21.09.15		
Application of proteomic and	Animal Biotechnology	09.02.16	ICAR and	14
molecular tools in poultry		-11.02.16	TANUVAS	
diagnosis				

### Veterinary College and Research Institute, Namakkal

Title of the Programme	Name of the Department / Institute	Duration	Sponsoring Agency	No. of Participants
Farm and Companion Animal Practice for Veterinary Students (7th International Clinical Case Conference)	Veterinary Clinical Medicine	13.08.15 -14.08.15	TANUVAS with MARS International and Intas Pharmaceuticals	378
Artificial Insemination training for Rural youth	Veterinary Gynaecology and Obstetrics	01.09.15 - 30.09.15	TNLDA, Chennai	18
		01.10.15 - 30.10.15		28
		02.11.15 - 01.12.15		21
Modern innovations for enhancing marketing and export of value added poultry products	Poultry Science	18.11.15 – 01.12.15	ICAR	11
Production of Designer milk, meat and egg by dietary manipulation (Training)	Animal Nutrition	16.11.15 - 25.11.15	ICAR	15
Pharmaceutical Meet	Veterinary Pharmacology and Toxicology	04.12.15	Pharmaceutical companies	125
Current Concepts and Recent Developments in Dairy Cattle Feeding and Fodder Production (Training)	Animal Nutrition	14.12.15 - 21.12.15	Directorate of Extension, Ministry of Agriculture, Government of India, New Delhi	20
Small Animal Ultrasound Imaging (Training)	Veterinary Clinical Medicine	05.01.16 09.01.16	On payment	8
		29.02.16 - 04.03.16		5
Recent strategies and developments in diversified poultry production for augmenting rural economy of small and marginal farmers	Poultry Science	03.02.16 – 23.02.16	ICAR	15
Developing winning research proposal (Training)	Veterinary College and Research Institute	18.02.16 – 21.02.16	TANUVAS	25

### **Veterinary College and Research Institute, Orathana**

### College of Food and Dairy Technology, Koduvalli

Title of the Programme	Place	Duration	Name of the sponsoring agency	No. of Participants
Food and Global	MVC, Chennai	31.07.15 -	State Planning	422
Warming		01.08.15	Commission Chennai	
(National workshop)				

#### **Directorate for Centre for Animal Health Studies**

Title of the Programme	Place	Duration	Name of the sponsoring agency	No. of Participants
Bluetongue virus propagation and vaccine production	Vaccine Research Centre (Viral Vaccine) Chennai	15.07.15 – 30.07.15	Sanvita Biotechnlogies Pvt. Ltd., Hyderabad	16
Bluetongue vector identification (National workshop)	Vaccine Research Centre (Viral Vaccine) Chennai	02.11.15 – 06.11.15	On payment	60
Laboratory Diagnostic Techniques for Animal Diseases (Training)	Central University Laboratory, Chennai	16.11.15 – 20.11.15 15.02.16 –	Directorate of Animal Husbandry and Veterinary Services,	11 11
Bluetongue diagnosis and control (Workshop)	Madras Veterinary College, Chennai	19.02.16 17.11.15	GoTN Directorate of Animal Husbandry and Veterinary Services, GoTN	75
Diagnostic assays for detection of Bovine viral diseases (Training)	Vaccine Research Centre (Viral Vaccine) Chennai	23.11.15 -27.11.15 30.11.15 – 04.12.15	Directorate of Animal Husbandry and Veterinary Services, GoTN	11
Cell culture and molecular biology techniques (Training)	Vaccine Research Centre (Viral Vaccine) Chennai	31.12.15 -27.01.16	On payment	11
Diagnostic Bacteriology (Training)	Central University Laboratory, Chennai	04.01.16 – 08.01.16 19.01.16 –	Directorate of Animal Husbandry and Veterinary Services,	11
Molecular Diagnostics and Translational Research (Training)	TRPVB, Chennai	23.01.16 01.02.16 - 05.02.16	GoTN Dept. of Animal Husbandry and Dairying, Govt. of Tamil Nadu	11 18
Current Scenario in Brucellosis Diagnosis (Workshop)	TRPVB, Chennai	10.02.16	Dept. of Animal Husbandry and Dairying, Govt. of Tamil Nadu	75
Certificate course in Laboratory Animal Sciences	Laboratory Animal Medicine	22.02.16 – 03.03.16	TANUVAS, CPCSEA and NIAW	26
Veterinary Clinical Applications of Flow Cytometry (Workshop)	TRPVB , Chennai	29.02.16 - 02.03.16	TANUVAS	10

# **Directorate of Clinics**

Title of the Programme	Place	Duration	Name of the sponsoring agency	No. of Participants
14 <sup>th</sup> Clinical Internship	Madras Veterinary	01.04.15 -	Virginia Maryland	4
Programme	College, Chennai	16.06.15	College of Veterinary	
			Medicine, USA	
15 <sup>th</sup> Clinical Internship	Madras Veterinary	13.06.15 -	Chittagong Veterinary	68
Programme	College, Chennai	11.07.15	College, Bangaladesh	
16 <sup>th</sup> Clinical Internship	Madras Veterinary	27.07.15 -	University Putra	18
Programme	College, Chennai	21.08.15	Malaysia,	
			Malaysia	

2016-17 Madras Veterinary College, Chennai

Title of the Programme	Place	Duration	Name of the sponsoring agency	No. of Participants
Principles and practices of imaging and endoscopy in farm and pet animal practice (Training)	Veterinary Clinical Medicine	25.04.16 - 15.05.16	Indian Army-RVC	4
Management of Animals in Emergencies (Training)	Veterinary and Animal Husbandry Extension Education	09.05.16 - 14.05.16	World Animal Protection	36
Principles and practices of imaging and endoscopy in farm and Companion animal practice (Training)	Veterinary Clinical Medicine	07.07.16 - 27.07.16	ICAR, New Delhi	16
Recent advances in vector borne disease diagnostics, therapeutics and transfusion practices in veterinary medicine (Training)	Veterinary Clinical Medicine	03.08.16 - 23.08.16	ICAR, New Delhi	10
Application of Bioinformatics in Genome Analysis (Workshop)	Bioinformatics Centre	08.08.16 - 12.08.16	On payment	22
Application of Bioinformatics in Proteome Analysis (Workshop)	Bioinformatics Centre	19.09.16 - 23.09.16	On payment	22
Animal Disaster Management Techniques (Training)	Veterinary and Animal Husbandry Extension Education	26.09.16 - 28.09.16	World Animal Protection	36
Karyotyping, Genetic Disorder Screening and Parentage Testing (Training)	Animal Genetics and Breeding	21.11.16 - 24.11.16	Kerala Livestock Development Board Ltd.	3
Biomaterials and Stem Cells for Tissue Repair and Regeneration in Veterinary Surgery (National Symposium)	Veterinary Surgery and Radiology	02.12.16 - 04.12.16	Indian Society for Veterinary Surgery	50
Information Retrieval System (Workshop)	Bioinformatics Centre	05.12.16	On payment	84
Advances in clinical diagnostic techniques in farm and pet animal practice (Training)	Veterinary Clinical Medicine	01.02.17 -21.02.17	ICAR, New Delhi	24
Canine breeding and infertility management practice (Training)	Veterinary Gynaecology and obstetrics	08.02.17 - 10.02.17	Drools India Pvt. Limited	8
Computer Aided Drug Designing (Workshop)	Bioinformatics Centre	13.02.17 - 17.02.17	On payment	24

Small Animal Ophthalmic Surgery (Pet Specialty Practice)	Veterinary Surgery and Radiology	14.02.17 - 16.02.17	Drools India Pvt. Ltd.	21
Small Animal Soft tissue Surgery	Veterinary Surgery and Radiology	20.02.17 - 22.02.17	Drools India Pvt. Ltd.	10
Clinical haematology, approach to anaemia and hands-on blood transfusion practices in dogs and cats (Seminar)	Veterinary Clinical Medicine	25.02.17	On payment	50
Vetinformatics (Workshop)	Bioinformatics Centre	06.03.17 - 10.03.17	On payment	11
Basic Orthopaedic (Training)	Veterinary Surgery and Radiology	21.3.17 - 23.3.17	Drools India Pvt. Ltd.	10

# Faculty of Basic Sciences, MVC, Chennai

Title of the Programme	Name of the Department / Institute	Duration	Sponsoring Agency	No. of Participants
Wildlife medicine (Training)	Wildlife science	08.04.16 – 17.04.16	On payment	1
Development of Diagnostic antigen using recombinant	Animal Biotechnology	11.04.16 – 15.04.16	Animal Husbandry Department,	8
DNA technology (Training)		18.04.16 – 22.04.16	Govt. of Tamil Nadu	8
Fodder cultivation Technologies	Agronomy	11.05.16 – 13.05.16	National Dairy Development Board, Karnal	2
Sustainable animal production  Recent trends and future challenges in disease diagnosis (International workshop)	Animal Biotechnology	11.07.16 – 13.07.16	Trilateral TANUVAS, UKIERI and BBSRC programme	20
in-vitro maturation and fertilization of animal oocytes (National level Training)	Animal Biotechnology	09.12.16 – 29.12.16	On payment	16

# Veterinary College and Research Institute, Namakkal

Title of the Programme	Name of the Department	Duration	<b>Sponsoring Agency</b>	No. of Participants
Computer Automated Semen	Veterinary Gynaecology	11.05.16	On payment	9
Analysis (Training)	and Obstetrics	-13.05.16		
Issues and approaches in	Poultry Science	03.08.16 -	Indian Council	12
organic poultry production in		23.08.16	of Agricultural	
India (Training)			Research,	
			New Delhi	
Bovine Breeding – Assisted	Veterinary Gynaecology	16.08.16	Tamil Nadu	14
Reproductive Technologies	and Obstetrics	-19.08.16	Livestock	
(Training)			Development	
			Agency, Chennai	
Artificial Insemination in	Veterinary Gynaecology	01.09.16 -	Tamil Nadu	39
cows (Training)	and Obstetrics	30.09.16	Livestock	
		21.11.16 -	Development	19
		20.12.16	Agency, Chennai	
Ultrasound Imaging in	Veterinary Clinical	17.10.16 -	On payment	10
Canine (Training)	Medicine	21.10.16		
Breeding, feeding and health	Veterinary and Animal	24.10.16 -	SAMETI,	30
management of livestock	Husbandry Extension	26.10.16	Pudukottai	
(Training)		09.11.16 -	-	30
		11.11. 16		

Augmentations in	Poultry Science	09.11.16 -	Indian Council	11
conservation and improving		29.11.16	of Agricultural	
genetic resources of			Research, New	
indigenous poultry for food			Delhi	
security (Training)				
Echocardiography in Canine	Veterinary Clinical	01.12.16 -	On payment	4
(Training)	Medicine	02.12.16		
Pharmaceutical Meet	Pharmacology and	18.01.17	Pharmaceutical	125
	Toxicology		companies	

### **Veterinary College and Research Institute, Orathanadu**

Title of the Programme	Place	Duration	Name of the sponsoring agency	No. of Participants
Multipurpose Artificial	Veterinary	14.03.16 -	Tamil Nadu	16
Insemination Training for	Gynaecology and	12.04.16	Livestock	
Rural India	Obstetrics		Development	
			Agency, Chennai	
		02.11.16 -	rigency, chemiai	40
		01.12.16		

# **Veterinary College and Research Institute, Tirunelveli**

Title of the Programme	Place	Duration	Name of the sponsoring agency	No. of Participants
Developing Winning Research Proposals	VC&RI, Tirunelveli	20.04.16 -	On payment	25
(Training)		23.04.16		
Pharmaceutical meet -2016	VC&RI, Tirunelveli	23.11.16	Pharmaceutical	17
			companies	
Innovative techniques, Emerging	VC&RI, Tirunelveli	22.02.17 -	Indian Society	100
issues and advancements in veterinary		24.02.17	for Veterinary	
medicine to meet the challenges: present			Medicine	
and future (National Symposium)				

# College of Food and Dairy Technology, Koduvalli

Title of the Programme	Place	Duration	Name of the sponsoring agency	No. of Participants
Making Indian Food	MVC, Chennai	20.01.17 -	NABARD, Chennai	400
Clean and Safe (National		21.01.17	and ICMR,	
Conference cum Workshop)			New Delhi	

### Directorate for Centre for Animal Health Studies, Chennai

Title of the Programme	Place	Duration	Name of the sponsoring agency	No. of Participants
Laboratory Animal Sciences (Training)	Laboratory Animal Medicine	22.02.16 – 03.03.16	On payment	30
Economically important and emerging diseases of livestock and poultry (Seminar)	Central University Laboratory	07.06.16	Govt. of Tamil Nadu	75
Veterinary Clinical Applications on Confocal Microscopy (Workshop)	Translational Research Platform for Veterinary Biologicals	27.09.16 – 29.09.16	On payment	10

Poultry Animal Biotechnology: Mighty Egg: Realizing	Translational Research Platform for Veterinary Biologicals	27.10.16 – 28.10.16	Department of Biotechnology, New Delhi	30
Translational potential of egg bioreactor (Workshop)	vetermary biologicals		Denn	
Goat pox vaccine production (Training)	Central University Laboratory	01.11.16 – 11.11.16	Brilliant Biopharma Private Ltd., Hyderabad	2
Veterinary clinical applications of <i>in vivo</i>	Translational Research Platform for	22.11.16 - 24.11.16	On payment	10
Imaging (Workshop)	Veterinary Biologicals	13.02.17 – 15.02.17		10
Veterinary Regulations and Translational Research (Workshop)	Translational Research Platform for Veterinary Biologicals	05.01.17 – 06.01.17	Department of Biotechnology, New Delhi	41
Cell Culture Techniques (Training)	Vaccine Research Centre-Viral Vaccine	27.02.17 – 04.03.17	On payment	6
Bluetongue virus propagation and vaccine production (Training)	Vaccine Research Centre-Viral Vaccine	06.03.17 – 15.03.17	Brilliant Biopharma Private Ltd., Hyderabad	2
Strategies for Bio- Tech Entrepreneurship (Workshop)	Translational Research Platform for Veterinary Biologicals	07.03.17 - 08.03.17	Entrepreneurship Development Institute, Govt. of Tamil Nadu	40

# **Directorate of Clinics, Chennai**

Titl	e of the Programme	Place	Duration	Name of the sponsoring agency	No. of Participants
8 <sup>th</sup> Clini	ical Case Conference on	MVC, Chennai	12.08.16 -	TANUVAS	360
Farm ar	nd Companion Animal		13.08.16		
Practice	e for Veterinary Students				

### 2017-18

# Madras Veterinary College, Chennai

Title of the Programme	Place	Duration	Name of the sponsoring agency	No. of Participants
Application of	Bioinformatics and	22.05.17 -	On payment	35
Bioinformatics in Animal	ARIS cell	31.05.17		
Sciences (Workshop)				
Frozen Semen Production	Animal Genetics	05.06.17 -	National Dairy	5
for Laboratory Technicians	and Breeding	08.06.17	Development	
(Training)			Board, Karnal	
Genomic and Proteomic	Bioinformatics and	10.06.17 -	On payment	27
Analysis for improvement	ARIS cell	14.06.17		
of productivity in Farm				
Animals (Workshop)				
Advanced imaging and	Veterinary Clinical	04.07.17 -	Indian Council	18
interventional protocols	Medicine, Ethics	24.07.17	for Agricultural	
in disease daignosis and	and Jurisprudence		Research,	
management in farm and pet			New Delhi	
animal practice (Training)				

Information Retrieval	Bioinformatics and	11.12.17 -	TANUVAS	108
System (Workshop)	ARIS cell	15.12.17		
In silico Molecular	Bioinformatics and	08.01.18 -	On payment	29
Modeling and Drug	ARIS cell	12.01.18		
Designing (Workshop)				
PACS of Diagnostic	Veterinary Surgery	24.01.18 -	Indian Council	20
Images for Networking &	and Radiology	25.01.18	for Agricultural	
Webcasting (Workshop)			Research,	
			New Delhi	
Updates on clinical	Veterinary Clinical	01.02.18 -	Indian Council	20
diagnostic techniques	Medicine, Ethics	21.02.18	for Agricultural	
in veterinary practice	and Jurisprudence		Research,	
(Training)			New Delhi	
Recent advances in bovine	Veterinary	13.02.18 -	Tamil Nadu	20
breeding and disease	Gynaecology and	15.02.18	Livestock	
management	obstetrics	19.02.18 -	Development	
		21.02.18	Agency, Chennai	20
		26.02.18 -	-	
		28.02.18		15
Vetinformatics (Workshop)	Bioinformatics and	12.03.18 -	On payment	22
	ARIS cell	16.03.18		

# Faculty of Basic Sciences, MVC, Chennai

Title of the Programme	Name of the Department / Institute	Duration	Sponsoring Agency	No. of Participants
Level I- Short term specialized	Animal Biotechnology	01.08.17 -	On payment	1
training		05.08.17		
Level II- Long term overview	Animal Biotechnology	19.05.17 -	On payment	11
training		15.06.17		
Level III- Project work or in-	Animal Biotechnology	01.12.17 -	On payment	29
plant training		28.02.18		
Career Orientation (Training)	Animal Biotechnology	27.10.17	TANUVAS	73
Technology enhanced learning	Animal Husbandry	11.12.17	Indian Council	16
in agricultural education	Statistics and Computer		for Agricultural	
(Workshop)	Applications		Research, New	
			Delhi	

# Veterinary College and Research Institute, Namakkal

Title of the Programme	Name of the	Duration	Sponsoring	No. of
	Department		Agency	<b>Participants</b>
Artificial Insemination in	Veterinary Gynacology	24.04.17 -	Tamil Nadu	28
cows (Training – 4 batches)	and Obstetrics	23.05.17	Livestock	
		16.08.17 -	Development	17
		15.09.17	Agency,	
		04.12.17 -	Chennai	21
		02.01.18		
		26.02.18 -		29
		27.03.18		
Advances in clinical	Veterinary Gynacology	22.06.17 -	TANUVAS	29
practices of large and small	and Obstetrics	23.06.17		
animals (International				
Clinical workshop)				

Augmenting Animal Productivity Through Emerging Technologies to Ensure Food Security in the Era of Climate Change (National workshop)	Animal Nutrition	06.07.17 – 07.07.17	TANUVAS	132
Endoscopy, ultrasound and haemodialysis (Training)	Veterinary Clinical Medicine	17.07.17 – 22.07.17	On payment	5
Facing challenges together for sustainable livestock and poultry health - A local initiative for global solutions – 2017 (International Conference)	Veterinary Preventive Medicine	20.07.17 – 21.07.17	TANUVAS and Companies	200
Developments in feed milling technology	Animal Nutrition	26.09.17	On payment	11
Prospects of diversified poultry and its impact in enhancing the rural economy (Training)	Poultry Science	08.11.17 – 28.11.17	Indian Council for Agricultural Research, New Delhi	28
Ethnoveterinary practices in livestock and poultry (Training to field veterinarians – 5 Batches)	Veterinary Pharmacology and Toxicology	27.11.17 14.12.17 – 15.12.17 24.01.18 21.02.18 22.02.18	Govt. of Tamil Nadu	50 50 50 50 50
Advances in poultry production and its impact on changing global scenario	Poultry Science	07.02.18 – 27.02.18	Indian Council for Agricultural Research, New Delhi	30
Recent advances in bovine breeding and disease management (Training – 3 batches)	Veterinary Gynacology and Obstetrics	13.02.18 - 15.02.18 19.02.18 - 21.02.18 26.02.18 - 28.02.18	Tamil Nadu Livestock Development Agency, Chennai	20 22 19

# **Veterinary College and Research Institute, Orathanadu**

Title of the Programme	Place	Duration	Name of the sponsoring agency	No. of Participants
Innovative techniques for preparation and presentation of museum specimen in educational institutions	Veterinary Anatomy	26.07.17 – 28.07.17	Tamilnadu State Council for Science and Technology, Chennai	67
Propagation of traditional herbal knowledge in	Veterinary Pharmacology and	10.01.18	Govt. of Tamil Nadu	25
Veterinary practices (Training)	Toxicology	02.02.18		25
		15.02.18 – 16.02.18		50
		23.02.18		50

# Veterinary College and Research Institute, Tirunelveli

Title of the Programme	Place	Duration	Name of the sponsoring agency	No. of Participants
Ethnoveterinary Practices	FTC, Theni	26.04.18	Govt. of Tamil	35
in Livestock and Poultry			Nadu	
(Training)				
<b>Ethnoveterinary Practices</b>	VC&RI, Tirunelveli	06.12.17	Govt. of Tamil	25
in Livestock and Poultry		07.12.17	Nadu	25
(Training)		2012.17 -		25
		21.12.17		
Recent Nutritional	VC&RI, Tirunelveli	07.03.18	NABARD, Chennai	53
strategies to augment				
production performance in				
dairy cattle (workshop)				

# Directorate for Centre for Animal Health Studies, Chennai

Title of the Programme	Place	Duration	Name of the sponsoring agency	No. of Participants
Laboratory Animal	Laboratory Animal	03.05.17 –	On payment	10
Handling and	Medicine	05.05.17		
Management (Training)		19.07.17 –		12
		21.07.17		1.0
		26.07.17 -		10
		28.07.17		1.0
		10.01.18 -		10
		12.01.18		10
		05.02.18 -		10
A : I C	CAHC	07.02.18	D 4 C	2.5
Avian Influenza:	CAHS	04.09.17 – 08.09.17	Department of	35
Monitoring, Surveillance and Biosecurity		08.09.17	Animal Husbandry,	
(International workshop)			Dairying and Fisheries, Government of	
(International workshop)				
			India; TANUVAS	
			and Department of Agriculture, United	
			States of America and	
			Southern Regional	
			Disease Diagnostic	
			Laboratory, Bengaluru	
Cell Culture Techniques	Vaccine Research	11.09.17 –	On payment	6
(Training)	Centre-Viral	16.09.17	On payment	0
(Training)	Vaccines	10.09.17		
Laboratory Animal	Laboratory Animal	13.09.17 -	On payment	30
Sciences (Certificate	Medicine	23.09.17		
Course)				
Recent Perspectives in	Pharmacovigilance	20.11.17 -	Companies	60
Veterinary Forensics	Laboratory for	22.11.17		
(National workshop)	Animal Feed and			
	Food Safety			

#### **Directorate for Centre for Animal Production Studies**

Title of the Programme	Place	Duration	Name of the sponsoring agency	No. of Participants
Urea enrichment of rice straw and preparation of rice straw based complete feed blocks (Training)	IAN, Kattupakkam	12.07.17	M.S.Swaminathan Research Foundation	9

#### **Directorate of Clinics**

Title of the Programme	Place	Duration	Name of the sponsoring agency	No. of Participants
TANUVAS 9 <sup>th</sup> Clinical Case	Madras Veterinary	03.08.17 -	TANUVAS	429
Conference on Farm and	College, Chennai	04.08.17		
Companion Animal Practice				
for Veterinary Students				

#### **Directorate of Distance Education**

Title of the Programme	Place	Duration	Name of the sponsoring agency	No. of Participants
Management of Animal	MVC, Chennai	30.10.17 -	World Animal Protection,	35
emergencies (Training)		04.11.17	New Delhi	

#### 2018-19

### Madras Veterinary College, Chennai

Title of the Programme	Name of the Department	Duration	Name of the sponsoring agency	No. of participants
An update on diagnosis of	Veterinary	18.04.18 -	TANUVAS	40
endoparasitic and vector	Parasitology	19.04.18	and TroCCAP,	
borne parasitic diseases			Australia	
of companion animals in				
the tropics (International workshop)				
Conservation of Indigenous	Animal Genetics	02.05.18-	Indian Council	16
Livestock Germplasm: An	and Breeding	22.05.18	of Agricultural	
Avant-Grade Approach to			Research, New	
Success (Summer School)			Delhi	
Fermented Milk Products	Livestock Products	07.05.18 -	TANUVAS	10
(Training)	Technology	11.06.18		
	(Dairy Science)			
Application of Bioinformatics	Bioinformatics and	18.06.18	On payment	11
in Animal Sciences (Workshop)	ARIS cell	22.06.18		11
Instrumentation in Stem Cell	Centre for Stem	17.07.18 -	TANUVAS	28
Technology (Workshop)	Cell Research	18.07.18		
	and Regenerative			
	Medicine			
Recent advances in Bovine	Animal Genetics	July 2018 -	TNLDA	120
breeding and management	and Breeding	August		(6 batches)
(Training)		2018		

Genomic and Proteomic Analysis for improvement of Productivity in Farm Animals (Workshop)	Bioinformatics and ARIS cell	06.08.18 10.08.18	On payment	17
Animal nn Disaster (International symposium)	Veterinary and Animal Husbandry Extension Education	26.09.18 27.09.18	-	350
Futuristic trends on dairy development in Tamil Nadu (Seminar)	Livestock Products Technology (Dairy Science)	01.09.18	Indian Dairy Association	400
Computer Aided Drug Designing (Workshop)	Bioinformatics and ARIS cell	08.10.18 12.10.18	On payment	15
Magnetic Nanoparticles in Stem Cell Technology (Workshop)	Centre for Stem Cell Research and Regenerative Medicine	12.10.18	Department of Biotechnology	21
Information Retrieval System (Workshop - 5 batches)	Bioinformatics and ARIS cell	26.11.18 - 29.11.18	TANUVAS	71
Applications of reverse genetics and transcription profiling in molecular pathogenesis of viral diseases with special reference to Avian virus	Veterinary Microbiology	28.11.18 - 18.12.18	Indian Council of Agricultural Research, New Delhi	22
Hematopoietic progenitor cell imaging and emergency critical care therapy (Hands on training)	Centre for Stem Cell Research and Regenerative Medicine	13.12.18	Indian Council of Agricultural Research, New Delhi	4
Quality Control of milk and milk products (Training)	Livestock Products Technology (Dairy Science)	18.12.18 19.12.18	TCMPF Chennai	06
Diagnosis of companion animal parasitic zoonoses (National Symposium cum Workshop)	Veterinary Parasitology	18.12.18 19.12.18	TANUVAS	30
In Silico Molecular Modeling and Drug Designing (Workshop)	Bioinformatics and ARIS cell	07.01.19 11.01.19	On payment	15
Hygienic processing of meat and value added meat products (Training)	Livestock Products Technology (Meat Science)	21.01.19 23.01.19	TANUVAS	4
Updates in application of histopathology and immunohistochemistry in tumour diagnosis (National Workshop)	Veterinary Pathology	04.02.19 08.02.19	On payment	22
Quality Control of milk and milk products (Training)	Livestock Products Technology (Dairy Science)	27.02.19 28.02.19	TCMPF Chennai	05
Vetinformatics (Workshop)	Bioinformatics and ARIS cell	04.03.19 08.03.19	On payment	11

# Faculty of Basic Sciences, MVC, Chennai

Title of the Programme	Name of the Department	Duration	Name of the sponsoring agency	No. of Participants
Level I- Short term specialized	Animal	19.05.18 -	On payment	2
training	Biotechnology	22.05.18		
Level II- Long term overview	Animal	21.05.18 -	On payment	30
training	Biotechnology	21.06.18		
Level III- Project work or in-	Animal	July 18 –	On payment	34
plant training (2 batches)	Biotechnology	Sept. 18		
		Dec. 18 –		
		Feb. 19		
Intracytoplasmic sperm injection	Animal	02.07.18 -	On payment	18
(National Training)	Biotechnology	16.07.18		
		22.10.18 -		
		05.11.18		
		15.02.19 -		
		28.02.19		
Statistical Analysis and	Animal	25.10.18 -	Indian Council	92
Mathematical Modelling in	Husbandry	26.10.18	of Agricultural	
Veterinary Research (Training)	Statistics and		Research, New	
	Computer		Delhi	
	Applications			
Research Methodology	Animal	26.02.19 -	Indian Council	68
(Training)	Husbandry	26.02.19	of Agricultural	
	Statistics and		Research,	
	Computer		New Delhi	
	Applications			
Foldscope as a tool to screen	Wildlife Science	12.03.19	Department of	40
parasitic infections in wild		and	Biotechnology,	
animal (Training)		26.03.19	New Delhi	

# Veterinary College and Research Institute, Namakkal

Title of the Programme	Name of the Department	Duration	Name of the sponsoring agency	No. of Participants
'Molecular Biology techniques (Training)	Veterinary Biochemistry	24.05.18 -07.06.18	PSG Arts and Science College, Coimbatore	20
Statistical Analysis in Veterinary Research (Training)	Animal Husbandry Statistics and Computer Applications	22.06.18 – 23.06.18	Indian Council of Agricultural Research, New Delhi	42
Newcastle Disease in Poultry (Workshop)	Veterinary Microbiology	03.08.18	TANUVAS	20
NABARD sponsored schemes and funding pattern for agriculture development (Workshop)	Veterinary and Animal Husbandry Extension Education	12.10.18	TANUVAS	65
Animal Tissue Culture (Workshop)	Veterinary Microbiology	28.11.18 -29.11.18 20.12.18	On payment	6
		-21.12.18		8

Exploring the technological approaches for enhancing the nutritive value and marketing of poultry products (Training)	Poultry Science	28.11.18 - 18.12.18	Indian Council of Agricultural Research, New Delhi	10
First Aid Measures and Conventional Pharmacy Preparations to Progressive Dairy Farmers of Namakkal Region (Workshop)	Veterinary Pharmacology and Toxicology	18.12.18	TANUVAS	35
Personality development for Teaching staff (Training)	Veterinary and Animal Husbandry Extension Education	23.01.19 -24.01.19	Indian Council of Agricultural Research, New Delhi	97
Livestock Inspectors (Refresher training) – 4 batches	Veterinary and Animal Husbandry Extension Education	25.01.19 -03.04.19	Govt. of Tamil Nadu	99
Preparation of model bankable projects for livestock and poultry farms (Training)	Animal Husbandry Economics	29.01.19 - 31.01.19	Indian Council of Agricultural Research, New Delhi	33
Strategies to overcome the challenges in diseases, nutritional and managemental practices for poultry production (Training)	Poultry Science	06.02.19 - 26.02.19	Indian Council of Agricultural Research, New Delhi	24
Current strategies for sustainable control of parasitic diseases in farm animals (Seminar)	Veterinary Parasitology	19.02.19 – 20.02.19	Pharmaceuticals companies	70
Feed Manufacturing Technology (Training)	Animal Nutrition	21.02.19 - 23.02.19	ATMA	40
Molecular diagnosis of Poultry Disease (Training)	Veterinary Microbiology	25.02.19- 01.03.19	Kemin Industries, South Asia Pvt, Ltd.	22
Necropsy examination and diagnosis of poultry diseases (Training)	Veterinary Pathology	26.03.19 -28.03.19	M/s Suguna Foods Pvt. Ltd.,	10

# Veterinary College and Research Institute, Orathanadu

Title of the Programme	Name of the Department	Duration	Name of the sponsoring agency	No. of Participants
Strengthening the livelihood of	Livestock	07.05.18 -	NABARD	49
rural dairy farmer with hygienic	Production	09.05.18		
practices and food safety	Management			
measures desirable in marketing				
grounds (Seminar)				
Indigenous Technical Knowledge	Veterinary	08.05.18	National Innovation	25
based practices for health care of	Pharmacology		Foundation,	
livestock (Training)	and Toxicology	26.06.18	Ahmadabad	29
Sensitization of scientific	Livestock	23.01.19 -	NABARD	49
practices in Buffalo rearing in	Production	25.01.19		
Cauvery Delta Region of Tamil	Management			
Nadu (Workshop)				

# **Veterinary College and Research Institute, Tirunelveli**

Title of the Programme	Name of the Department	Duration	Name of the sponsoring agency	No. of Participants
Ethno-veterinary practices in livestock and poultry (Training)	Farmers Training Centre, Theni	26.04.18	Govt. of Tamil Nadu	35
(Training)	Veterinary University Training and Research Centre, Nagercoil	03.05.18		45
	Regional Joint Director's office, Dept. of Animal Husbandry, Virudhunagar.	28.08.18		34
	Krishi Vigyan Kendra, Kundrakudi	10.10.18		25
	Veterinary University Training and Research Centre, Ramanathapuram	10.12.18		49
	Regional Joint Director's office, Dept. of Animal Husbandry, Thoothukudi	21.12.18		62
	Veterinary University Training and Diagnostic Centre, Madurai	25.01.19		75
Ethnoveterinary Medicine	Veterinary Pharmacology and Toxicology	10.05.18 – 11.05.18	Govt. of Tamil Nadu	23

# College of Food and Dairy Technology, Koduveli

Title of the Programme	Name of the Department	Duration	Name of the sponsoring agency	No. of Participants
Zero Hunger Challenge: Strategies for Food Security (Seminar)	College of Food and Dairy Technology, Koduveli	20.12.18 - 21.12.18	Ministry of Food Processing Industries, New Delhi	347

#### **Directorate for Centre for Animal Health Studies**

Title of the Programme	Name of the Department	Duration	Name of the sponsoring agency	No. of Participants
Laboratory Animal	Laboratory Animal	04.04.18 -	On payment	82
handling and management	Medicine Unit	06.04.18		
(Workshop)		25.04.18 -		
		27.04.18		
		27.06.18 -		
		29.06.18		
		16.08.18 -		
		18.08.18		
		29.10.18 -		
		31.10.18		
		19.12.18 –		
		21.12.18		
		26.12.18 -		
		28.12.18		
		21.01.19 –		
		23.01.19		
		28.01.19 –		
		30.01.19		
		10.02.19 –		
		12.02.19		
Nipah Virus Preparedeness	Directorate of	08.06.18	Govt. of Tamil	97
	Centre for Animal	06.00.16	Nadu	91
(Orientation programme)	Health Studies		Nadu	
Laboratory diagnosis of		02.07.18	Indian	2
Laboratory diagnosis of	Zoonoses Research	02.07.18		2
Leptospirosis (Training)	Laboratory		Immunologicals	
	T 1	10.07.10	Limited, Hyderabad	0.0
Laboratory Animal	Laboratory Animal	18.07.18 -	Ministry of	90
Sciences (Regional	Medicine Unit	19.07.18	Environment,	
Training)			Forests and Climate	
			change, Govt. of	
			India	
Poultry Respiratory	Poultry Disease	19.07.18	BBSRC,UK	32
Diseases: shared research	Diagnostic and			
and diagnostic approaches	Surveillance			
(International workshop)	Laboratory			
Certificate Course in	Laboratory Animal	19.09.18 -	On payment	29
Laboratory Animal	Medicine Unit	20.09.18		
Sciences				
Bio-security with special	Translational	24.09.18 -	NDDB/	10
reference to semen stations	Research Platform	28.09.18	TANUVAS	
(Training)	for Veterinary			
	Biologicals			
Laboratory diagnosis	Zoonoses Research	11.02.19 -	Dept. of Animal	15
and control of anthrax in	Laboratory	13.02.19	Husbandry and	
the state of Tamil Nadu			Veterinary Services,	
(Training)			Govt of Tamil Nadu	

#### **Directorate for Centre for Animal Production Studies**

Title of the Programme	Name of the Department	Duration	Name of the sponsoring agency	No. of Participants
Native Chicken Production: Opportunities for conservation, productivity enhancement and commercial exploitation in view of global warming (National conference)	Poultry Research Station	19.12.18 - 20.12.18	DST and NABARD	200

#### **Directorate of Clinics**

Title of the Programme	Name of the Department	Duration	Name of the sponsoring agency	No. of Participants
Multipurpose AI Technician for Rural India (Training)	Veterinary Gynaecology and Obstetrics, VC&RI, Orathanadu	25.04.18 - 24.05.18	Tamil Nadu Livestock Development Agency	26
Diagnostic Ultrasound Imaging in Small and Large Animals (Training)	Veterinary Clinical Medicine, VC&RI, Namakkal	21.05.18 -23.05.18	On payment	5
Novel approaches in disease diagnosis via imaging modalities in veterinary clinical practice (Short Course)	Veterinary Clinical Medicine, MVC, Chennai	01.08.18 10.08.18	Indian Council of Agricultural Research, New Delhi	12
Updates In the disease diagnosis and treatment protocols in health management of farm and Companion Animals (Training)	Veterinary Clinical Medicine, MVC, Chennai	21.08.18 10.09.18	Indian Council of Agricultural Research, New Delhi	25
Computed Tomography in Veterinary Practice (Training)	Veterinary Surgery and Radiology, MVC, Chennai	22.11.18	SAPAC	20
Applications of Reverse Genetics and Transcription profiling in Molecular Pathogenesis of Viral Diseases with Special Reference to Avian Virus (Winter School training)	Veterinary Clinical Medicine, MVC, Chennai	28.11.18 - 18.12.18	Indian Council of Agricultural Research, New Delhi	22
Recent advances in clinical procedures and diagnostic imaging techniques in Veterinary Practice (Training)	Veterinary Clinical Medicine, MVC, Chennai	18.01.19 07.02.19	Indian Council of Agricultural Research, New Delhi	24
Principles and practices in imaging of pet animals including basic surgical procedures, ophthalmology and cardio-vascular diseases (Training)	Clinics, MVC, Chennai	04.02.19 – 09.02.19	TANUVAS	8
Small Animal Ophthalmic Surgery (Training)	Veterinary Surgery and Radiology, MVC, Chennai	13.02.19 15.02.19	SAVAVET	15
Soft Tissue Surgery (Training)	Veterinary Surgery and Radiology, MVC, Chennai	20.02.19 22.02.19	SAVAVET	15
Small Animal Diagnostic Radiography (Training)	Veterinary Surgery and Radiology, MVC, Chennai	25.02.19 27.02.19	SAVAVET	15
Small Animal Orthopaedic Surgery (Training)	Veterinary Surgery and Radiology, MVC, Chennai	11.03.19 13.03.19	SAVAVET	15

#### **Directorate of Distance Education**

Title of the Programme	Name of the Department	Duration	Name of the sponsoring agency	No. of Participants
Veterinary Emergency Response	MVC, Chennai	13.07.18 -	World Animal	44
during disasters (Training)		16.07.18	Protection, India	
Animals in Sangam Classics	MVC, Chennai	03.10.18 -	Central Institute	88
(Seminar)		04.10.18	of Indian	
			Language Mysore	
Recent Advances in Livestock	MVC, Chennai	28.01.19	MANAGE	50
Sector (Workshop)			Hyderabad	



# 6.6.6. Student Development

**6.6.6.1. Scholarships/Stipend:** Is the University offering any scholarship programme for meritorious students? How many students are receiving competitive scholarships/fellowships for each College? How many passed out students have been selected for scholarships/fellowships in other universities.

#### **Student Internship**

Name of the Constituent College	Year	Outlay (Rs. in lakhs)	Student Beneficiaries (last 5 years)	Purpose
MVC, Chennai	2017-18	28.50	229	Clinical Skill development
VCRI, Namakkal	2019-20	13.06	73	Clinical Skill development
VCRI, Tirunelveli	2012-13 & 2013-14		76	Clinical Skill development
VCRI, Orathanadu	2012-13 & 2013-14		Two Batches	Clinical Skill development

#### **Student Ready Programme**

Name of Constituent College	Course offered	Credit Load	Semester	Student Beneficiaries (Last 5 years)	Purpose
CFDT, Koduvalli	B.Tech (DT)	0+5	I &II (2017-18)	9	Entrepreuneurship/ Skill development
	B.Tech (DT)	0+5	II &IV (2017-18)	9	Entrepreuneurship/ Skill development
	B.Tech (DT)	0+5	I &II (2018-19)	16	Entrepreuneurship/ Skill development
CPPM, Hosur	B.Tech (PT)	0+5	VI	31	Entrepreuneurship/ Skill development
	B.Tech (PT)	0+9	VII	31	Entrepreuneurship/ Skill development
	B.Tech (PT)	0+3	VIII	19	Special Problem- Poultry Technology
	B.Tech (PT)	0+1	VIII	19	Synopsis/discussion writing
	B.Tech (PT)	0+20	VIII	19	In Plant training in poultry industry

### In Plant Training / Internship Programmes -CFDT, Koduvalli

Year	Semester	No. of students benefitted
2015	VIII	17
2016	VIII	21
2017	VIII	20
2018	VIII	41
2019	VIII	37

### **Scholarships**

# **Madras Veterinary College**

Year	No. of students benefitted	Total Amount (Rs. in lakhs)	Details of scholarship
2014-15	688	98.57	State Government - 6 Central Government-6 University/endowment/private scholarships-9
2015-16	626	157.00	State Government - 7 Central Government-8 University/endowment/private scholarships-8
2016-17	592	107.83	State Government - 3 Central Government-6 University/endowment/private scholarships-3
2017-18	685	123.04	State Government - 8 Central Government-7 University/endowment/private scholarships-11
2018-19	641	147.61	State Government - 7 Central Government-7 University/endowment/private scholarships-12

### VCRI, Namakkal

Year	No. of students benefited	Total Amount (Rs. In Lakhs)	Type of scholarship
2014-2015	316	2126598.00	State government
	26	273892.00	Central
	92	1741013.00	University
	26	148500.00	Endowment
	0	0	Private
TOTAL	460	4290003.00	
2015-2016	271	2245286.00	State government
	25	247799.00	Central
	77	2195850.00	University
	13	73000.00	Endowment
	0	0	Private
TOTAL	386	4761935.00	

2016-2017	243	3207503.00	State government
	0	0	Central
	56	1829135.00	University
	4	14000.00	Endowment
	0	0	Private
TOTAL	303	5050638.00	
2017-2018	253	3513353.00	State government
	27	576000.00	Central
	32	1126779.00	University
	9	32500.00	Endowment
	0	0	Private
TOTAL	321	5248632.00	
2018-2019	226	3191509.00	State government
	35	1157928.00	Central
	24	1100390.00	University
	11	53500.00	Endowment
	0	0	Private
TOTAL	296	5503327.00	
2019-2020	269	4233185.00	State government
	27	650324.00	Central
	23	1102452.00	University
	8	43000.00	Endowment
	0	0	Private
TOTAL	327	6028961.00	

#### VCRI, Orthanadu

Financial assistance to the students in the form of various scholarship viz., Post metric scholarship, Chief Minister award, SC/ST Special Scholarship are being offered. In addition students of this college have also received financial assistance from eight different scholarships of TANUVAS. There are 4 endowments exclusively instituted to this college to honour meritorious students.

	No. of		Detail / Type	e of scholarsl	nip
Year	students benefitted	Total Amount (Rs. in lakhs)	Scholarship	No. of Students benefitted	Amount (Rs.)
2014-15	122	Rs. 9,03,436 rounded to	State Government :- BC/MBC	70	440326
		9.03 Lakhs	State Government :- SC& ST Post matric	19	284110
			State Government : - SC& ST Higher Educational Special Loan	16	128000
			State Government :- CM award	17	51000

2015-16	155	Rs. 13,59,925 rounded to	State Government - BC/MBC	88	585510
		13.60 lakhs	State Government : - SC& ST Post matric	21	523415
			State Government :- SC& ST Higher Educational Special Loan	18	144000
			State Government: CM award	22	66000
			Endowment: Malaysian Alumini of MVC	01	40000
			Endowment: Vetri Trust	01	18000
			Endowment: Pattukottai Alagiri	03	12000
			Endowment: Arcot Prakash Rao	01	7000
2016-17 213 Rs. 16,95,338 rounded to 16.95 lakhs	rounded to	State Government - BC/MBC	127	827328	
		16.95 lakhs	State Government : - SC& ST Post matric	24	542510
		State Government :- SC& ST Higher Educational Special Loan	23	184000	
			State Government: CM award	28	84000
	Endowment: Malaysian Alumini of MVC	01	4000		
			Endowment: Vetri Trust	01	18000
		Endowment: Pattukottai Alagiri	05	20000	
	Endowment: Nallammai Ramanathan	02	8000		
		Endowment: Venkatasamy Travel grant	01	2500	
			Endowment: T.N. Kalyani Kuttiyammal	01	5000

2017-18	Rounded to	State Government - BC/MBC	155	1386308	
		27.23 Lakhs	State Government : - SC& ST Post matric	31	898405
		State Government :- SC& ST Higher Educational Special Loan	32	256000	
			State Government: CM award	21	63000
			Endowment: Malaysian Alumini of MVC	01	4000
			Endowment: Vetri Trust	02	36000
			Endowment: Pattukottai Alagiri	16	64000
			Endowment: Nallammai Ramanathan	02	8000
			Endowment: Venkatasamy Travel grant	01	2500
		Endowment: T.N. Kalyani Kuttiyammal	01	5000	
2018-19	281	Rs. 38,69,956 rounded to	State Government : BC/MBC	152	2373676
		38.70 Lakhs	State Government : - SC& ST Post matric	42	952780
		State Government :- SC& ST Higher Educational Special Loan	40	320000	
		State Government: CM award	16	48000	
	Endowment: Malaysian Alumini of MVC	01	4000		
			Endowment: Vetri Trust	03	54000
			Endowment: Pattukottai Alagiri	20	80000

			Endowment: Nallammai Ramanathan	03	12000
			Endowment: Venkatasamy Travel grant	01	2500
			Endowment: T.N. Kalyani Kuttiyammal	01	5000
			Endowment: India Society	02	18000
2019-20	352	Rs. 50,06,942 rounded to	State Government : BC/MBC	201	2941822
50.07 Lakhs	50.07 Lakhs	State Government : - SC& ST Post matric	43	1366020	
		State Government :- SC& ST Higher Educational Special Loan	51	408000	
			State Government: CM award	16	48000
			Endowment: Pattukottai Alagiri	23	92000
			Endowment: T.N. Kalyani Kuttiyammal	01	5000
			Endowment: Pulavar S. N. Ramaswamy & Dr. S. Krishnamurthy	01	4500
			Private: Jindal	16	141600

#### VCRI, Tirunelveli

Financial assistance to the students in the form of various scholarship viz.,Post metric scholarship, Chief minister award, SC/ST Special Scholarship, higher education scholarship, Pattukottaialagiri scholarship, Arcot Prakash Rao Scholarship, Pulavar S.N. Ramasamy Scholarship, BC/MBC scholarship and VETRI Trust Scholarship are offered to the tune of Rs.29.90 lakhs during 2018-19. There are 7 endowments exclusively instituted to this college to honour meritorious students to the tune of Rs. 3.5 lakhs. The split up details of students who received scholarships during 2018-19 are as follows:

Year	No. of students benefited	Total Amount (Rs. in lakhs)	Type of scholarship*
2014-15	89	4.47	State Government - 3 University/ endowment/private Scholarships - 1
2015-16	117	13.82	State Government - 4 University/ endowment/private Scholarships - 1
2016-17	163	17.64	State Government - 3 University/ endowment/private Scholarships -1
2017-18	182	30.60	State Government - 3 University/ endowment/private Scholarships - 2

2018-19	184	33.27	State Government - 3 University/ endowment/private Scholarships -7
2019- 20 (upto)	237	44.22	State Government - 3 University/ endowment/private Scholarships - 3

#### CFDT, Koduvalli

Academic Year	Type of Scholarship			Amount
Academic Tear	BC & MBC	SC & ST	Total	(Rs.in lakhs)
2014-15	38	78	116	10.44
2015-16	24	64	88	9.90
2016-17	27	57	84	9.70
2017-18	34	59	93	15.13
2018-19	38	64	102	17.91
	63.08			

- ❖ Post graduates scholarship for M.Tech and Ph.D. scholarship are sanctioned by the University.
- ❖ Ph.D. students are also recipients of fellowship sanctioned by Ministry Tribal Affairs.

#### CPPM, Hosur

Financial assistance to the students in the form of various scholarship viz., Harijan Welfare and Backward Class scholarships, Central Government, State Government and scholarships from other agencies and financial assistance from Tamil Nadu Agricultural Labourer's – Farmers (Social Security and Welfare) Scheme are available for deserving candidates. Details of students received various scholarships is given below:

Academic year	Type of scholarship	No. of students benefited	Amount (Rs. In Lakhs)
2016-17	BC/ MBC Scholarship	50	4.52
	SC/ST Scholarship	12	2.85
2017-18	BC/ MBC Scholarship	55	5.36
	SC/ST Scholarship	16	4.00
2018-19	BC/ MBC Scholarship	64	6.24
	SC/ST Scholarship	14	3.90

**6.6.6.2. Extra and Co-curricular Activities:** Whether the sports/games/cultural activities/NSS/NCC/ programmes are being organized? If yes, then give the list of events in last five years in tabular form. Participation of students in ICAR sponsored events (Agri-unifest/ Agri-sports/ any other) and award/medals received in last five years may be given in Tabular form. How the students practice sports and games daily?

#### Participation of students in ICAR sponsored events

Year	Name of the event	No.of Students Participated	Awards/Medals Won
2017-18	Games:	12	
ICAR	Volley Ball (Men)	12	
Inter	Volley Ball (Women)	10	
University	Basket Ball (Men)	10	
Games	Basket Ball (Women)	3	
and Sports	Shuttle Badminton (Men)	3	
meet held	Shuttle Badminton (women)		
at UAS,	<b>Athletics:</b> Javelin Throw (Women)	1 (M.Priya, VC&RI,	Gold – I Place
Bangalore	, , ,	Namakkal)	
	Long Jump (Women)	1 (C.Sri Vidhya, VC &	Silver – II Place
		RI, Tirunelveli)	
	High Jump (Women)	1 (C.Sri Vidhya, VC &	Gold – I Place
		RI, Tirunelveli	

2018-19	Games:		
ICAR	Volley Ball (Men)	12	
Inter	Volley Ball (Women)	12	
University	Basket Ball (Men)	10	
Games	Shuttle Badminton (Men)	3	
and Sports	Shuttle Badminton (women)	3 (Ms.Kiruthiga,	Gold – I Place (Singles
meet		Ms.Geetha VC &	and Doubles)
Held at		RI, Namakkal and	
PAU,		Ms.Mozhiarasi, MVC)	
Ludhiana			
	Athletics	1 (M.Priya, VC&RI,	Gold – I Place
	Javelin Throw (Women)	Namakkal)	
		1 (C.Sri Vidhya, VC &	Gold – I Place
	High Jump (Women)	RI, Tirunelveli)	
		1 (C.Sri Vidhya, VC &	Gold – I Place
	Long Jump (Women)	RI, Tirunelveli	
2019-20	Games:		
ICAR	Volley Ball (Men)	12	Lost in quarter finals
Inter	Volley Ball (Women)	12	
University	Basket Ball (Men)	10	Lost in quarter finals
Games	Shuttle Badminton (Men)	3	Lost in semifinals
and Sports	Shuttle Badminton (women)	3 (Ms.Kiruthiga,	Gold – I Place (Singles
meet		Ms.Thulasimathi,	and Doubles)
Held at		Ms.Geetha, VC & RI,	
SVVU,		Namakkal)	
Tirupati			
	Athletics	1 (Mr. Jeddidah Gabriel,	
	Long Jump (Men)	VC & RI, Tirunelveli)	Gold – I Place
		11/00:171 1/00	
		1 1 (C.Sri Vidhya, VC &	Gold – I Place
	High Lynn (Warran)	RI, Tirunelveli)	
	High Jump (Women)	1 (C.Sri Vidhya, VC &	Silver – II Place
	Long Jump (Women)	RI, Tirunelveli)	Suver – II Place
	Long sump ( momon)		

# MVC, Chennai

### **Sports activities**

Year	Name of the event organised	No. of Participants	Awards/Prizes
2015-16	Dr.Porchezhian Memorial Cup-3 <sup>rd</sup> Inter-Collegiate Invitation Hockey Tournament		<ul> <li>M. Venkatachalam. II P.G, MVC -Man of the Match.</li> <li>J.Karthick. II P.G, MVC -Best Defender.</li> <li>Sundara Selval C IV. B.V.Sc, MVC - Goal Scoring Dr.Balaji.P Ph.D MVC Best Center Forward</li> </ul>
	Annual Sports day of Madras Veterinary College was organized on 18.03.2016		• Dr.K.S.NAIR ROLLING TROPHY for the Inter-Class Overall Championship for the period 2015-2016 won by the Final Year (2010-2011 Batch).

			<ul> <li>Dr.JOEDY'S Memorial Cup for Pentathalon event won by Thiru. V.K.Dharmesh, Final B.V.Sc.</li> <li>Dr.I.D.Mantramurthi's Rolling Cup for the Individual Athletic Championship for the year 2015-2016 won by Thiru.S.Karthick of prefinal B.V.Sc.</li> <li>The Best Sports Man of the year-2015-2016 won by Thiru.R.Vignesh of final B.V.Sc.</li> </ul>
2017	MGR Memorial Cricket Tournament from February 8 <sup>th</sup> to 12 <sup>th</sup> 2017 conducted by St.Joseph's Engineering College, Sholinganallur	Madras Veterinary College Cricket Team had participated	
	Annual Sports Day was conducted on 18/03/2017		<ul> <li>a. S.Karthik, V B.V.Sc., (2012-13) bagged the Dr I D Mantramurthi Rolling Cup.</li> <li>b. P.Thamizharasan, V B.V.Sc., (2012-13) bagged the Sports Man of the year.</li> <li>c. Pavithra, IV B.V.Sc., (2013-14) bagged the Sports Woman of the year</li> </ul>
	Madras Veterinary College Hockey Team had participated in the Inter Collegiate Hockey Tournament organised by Anna University from 20 <sup>th</sup> to 22 <sup>nd</sup> , March, 2017	22 Colleges	MVC bagged the Bronze Medal
	Inter Professional Volley Ball tournament for men was conducted for 3 days at Madras Veterinary College.	12 colleges	Stanley Medical college team were the winners and Madras Veterinary College bagged the runners up
	Inter Collegiate Volley Ball tournament for women was conducted for 3 days at Madras Veterinary College.	9 colleges had participated	The tournament was won by Justice Basheer Ahmed College for Women, Teynampet and the runners up was bagged by Women's Christian College, Chennai.
	Dr Porchezhian Memorial Inter Professional Hockey tournament for men was organised and conducted for 3 days at Madras Veterinary College		The tournament was won consecutively for the second time by Madras Veterinary College where as Indian Institute of Technology (IIT) bagged the runners up  • Dr M Venkatachalam of II M V Sc., was declared as the Best Defender.  • V.Praveen Kumar of Final year was declared as the Player of the tournament.  • Dr P Balaji, PhD scholar was declared the highest goal scorer

	University Team selection for Sports and Games and Athletics 2017 – July 15 <sup>th</sup> to 18 <sup>th</sup> , 2017		<ul> <li>M. Jayabharathi, Final year – TANUVAS Cricket Team</li> <li>M. Satheesh kumar, Final year – TANUVAS Volley Ball Team (Men)</li> <li>Ms. Gautami Sadekar, PG student, TANUVAS Volley Ball Team (Women)</li> <li>C.Udayakumar, Final year – TANUVAS Foot Ball Team</li> <li>M.Praveen Kumar, Final year – TANUVAS Ball Badminton and Shuttle (Men)</li> <li>J.Gayathri, Final year - TANUVAS Shuttle Badminton (Women)</li> <li>R.Prashanth, Final year – TANUVAS Basket Ball Team</li> </ul>
	MMC Inter Collegiate Volley Ball Tournament 2017	MVC Volley ball team	9 <sup>th</sup> and 10 <sup>th</sup> September 2017 and secured the fourth place
	"Aadukalam 2017" Inter Collegiate Games Tournament 2017 Kilpauk Medical College during September 2017	Madras Veterinary College Teams of Volley Ball, Basket Ball, Foot Ball, Table Tennis and Cricket Teams had participated	
	IIT Inter Collegiate Hockey Tournament 2017 at IIT held from 20 <sup>th</sup> to 23 <sup>rd</sup> September, 2017	Madras Veterinary College Hockey team	MVC emerged as bronze winners
	Inter District Badminton Tournament organised by Cuddalore District Badminton during August 2017	Mr Praveen Kumar of Final B V Sc., represented	Winner under student category
2018	College Annual Sports Day 2018 – January, 30, 2018		<ul> <li>R.Suresh, V B.V.Sc., (2013-14) bagged the Dr I D Mantramurthi Rolling Cup.</li> <li>M. Praveen Kumar, V B.V.Sc., (2013-14) bagged the Sports Man of the year.</li> <li>Pavithra, V B.V.Sc., (2013-14) bagged the Dr C Balachandran Rolling Shield for the Sports Woman of the year as well as Individual Women Athletic Championship</li> </ul>
	Dr M G R trophy Inter collegiate Cricket Tournament 2018 conducted by Satyabama Institute of Science and Technology from February 21st to 24th, 2018	Madras Veterinary College cricket team had participated	

	ANNA FEST – 2018 Inter Collegiate games and sports tournament organised by Anna University from 3 <sup>rd</sup> to 5 <sup>th</sup> April, 2018	18 colleges participated. Upto quarter finals.	MVC hockey team bagged the Bronze Medal MVC football team had reached the pre quarters Volleyball team secured the fourth place. In Kabaddi, the MVC team lost in the
	TANUVAS Premier League 2018 (TPL 2018)	15 <sup>th</sup> to 17 <sup>th</sup> June, 2018	MVC won the match
	Dr Porchezhian Memorial Hockey Tournament 2017 – July 19 <sup>th</sup> to 21 <sup>st</sup> , 2018	10 colleges had participated	<ul> <li>The tournament was won consecutively for the third time by Madras Veterinary College</li> <li>Dr S. Vignesh of II M V Sc., was declared as the Best Defender.</li> <li>V.Praveen Kumar of Final year was declared as the Player of the tournament.</li> <li>T. Kavin of final year was declared the highest goal scorer</li> </ul>
	MMC Inter Collegiate Volley Ball Tournament 2018 11 <sup>th</sup> and 12 <sup>th</sup> September 2018		MVC students secured the fourth place
	SDAT – TANUVAS State level Volleyball Tournament 2018 23 <sup>rd</sup> to 26 <sup>th</sup> October 2018	MVC Volley ball team participated	
	All India Inter University Ball Badminton Tournament 2018	12 <sup>th</sup> to 16 <sup>th</sup> December, 2018	pre quarter finals among the 32 universities participated
2019	College Annual Sports Day 2019 – March, 25, 2019		<ul> <li>Kishore Kumar, III B.V.Sc., (2016-17) bagged the Dr I D Mantramurthi Rolling Cup.</li> <li>G.Silambarasan, IV B.V.Sc., (2015-16) bagged the Sports Man of the year.</li> <li>K.R.Ponsivashankari, IV B.V.Sc., (2015-16) bagged the Sports Woman of the year.</li> <li>Su. Gangasree, II B.V.Sc., (2017-18) bagged the Dr C Balachandran Rolling Shield for Individual Women Athletic Championship.</li> </ul>
	Dr M G R trophy Inter collegiate Cricket Tournament 2019	February 21st to 24th, 2019	
	VIT Inter collegiate Cricket Tournament 2019	16 <sup>th</sup> to 19 <sup>th</sup> May, 2019	MVC team consecutively for the second time
	Aadukalam 2019 – Intercollegiate Sports and Cultural events	August 22 to 31st, 2019	MVC team won
	Ponfima Inter Collegiate Volley Ball Tournament 2019	11 <sup>th</sup> and12 <sup>th</sup> September 2019	MVC team reach the prequarter finals

Dr Porchezhian Memorial	0	Madras Veterinary College bagged the
Hockey Tournament 2019		runners up
– September 16 <sup>th</sup> to 17 <sup>th</sup> ,	•	B.Ragupathi, of IV year was declared as
2019		the Best Forward.
	•	Indrajith of IV year was declared as the
		Best Goal Keeper.
	0	S.Karthik of III year was declared the
		emerging player of the tournament

### **Cultural Events**

Year	Name of the Event Conducted / participated	Participants
2014	Intercollegiate cultural event "FELICITAS" conducted on 23 <sup>rd</sup> and 24 <sup>th</sup> August 2014. There were nine on-stage and six off-stage events	635 students from 70 college participated
2014	Drawing competition conducted for 7th Zydus All India Drawing  -Painting competition – 2014 with a theme on "Animals found in Wildlife Sanctuary and National parks located in the state /Region" on 26.09.2014	MVC Students
2014	Interclass cultural Competition "Xploria '14" were conducted from 13.10.2014 to 19.10.2014. 5 literary events, 11 fine arts and 9 performing arts apart from observation skills and treasure hind. Of these, 14 were Off-stage events and 7 were on-stage events	MVC students
2015	Interclass cultural competitions "Agni 15" were conducted from 28 <sup>th</sup> September to 4 <sup>th</sup> October 2015. There were 5 literary events, 8 fine arts and 11 performing arts.	MVC students
2015	Drawing competition conducted for 7 <sup>th</sup> Zydus All India Drawing – Painting competition – 2015 with a theme on "Endangered Animal species of the world" on 16.10.2015	MVC students
2015	Two teams participated in Padmashree Dr. B.V. Rao intra-veterinary University quiz competition held at VC & RI, Tirunelveli on 9 <sup>th</sup> and 10 <sup>th</sup> October 2015 and won second prize	M.Vignesh (BVM 11127) and B.Barani (BVM12077)
2015	Essay competitions were conducted in English and Tamil as a part of Vigilance Awareness week on 30.12.2015	90 students
2016	Essay writing (Tamil) was conducted on 14.11.2016 as a part of National Library Week Tamil Elocution was conducted on 17.11.2016	MVC students
2016	Essay writing competitions was conducted on 23.08.2016 as a part of celebration of Independence 70	MVC students
2017	Interclass cultural competitions "Pegasus 16" were conducted from 02.01.2017 to 06.01.2017, there 13 off-stage and 13 on stage events	MVC students
2017	Elocution, Essay writing and poetry competition were conducted by Paventhral Bharathidhasan Trust on 17.04.2016 and final elocution on 28.04. 2017	B.V.Sc students of TANUVAS
2017	Tamil Essay writing and elocution competitions were conducted on 14.11.2017 as a part of National Library Week celebrations  MVC students	
2017	Freshers day was celebrated on 24.11.2017 for PG students of 2017-18 batch	PG students
2017	Essay competition was conducted as a part of Agricultural Education day on 5.12.2017	MVC students

2018	Inter class cultural events 'Yazh 18" was conducted from 04.1.2019 to 09.1.2019. There were 15 individual events and 19 team events	MVC students
2018	Elocution, poetry and essay competitions were conducted by Paventhar Bharathidasan Trust on 11.6.2018	MVC students
2018	Debate in Tamil was conducted on 14.11.2018 as a part of National Library Week celebrations	MVC students
2019	Literary competitions (Poetry, elocution and Essay competition) were conducted by Paventhar Bharathidasan Trust on April 2019	MVC students
2019	Debate competition was conducted on 01.10.2019 in commemoration with 150 <sup>th</sup> birthday celebration of Mahatma Gandhi	MVC students

#### **NCC** Activities

Remount Veterinary Corps (RVC) or National Cadet Corps (NCC) or National Service Scheme (NSS) or Equestrian or Sports and Games shall be non-credit (0+1) training programmes any of which for all the professional years shall be compulsory (except fourth year) for the award of B.V.Sc. & A.H. degree and the performance of the students in these training programmes shall be assessed and graded as 'Satisfactory' or 'Unsatisfactory' and the student has to obtain 'Satisfactory' grading for successful completion of course requirements.

Structure		Objectives/ Functions of NSS (in bullets)
Position Name and designation		1. To impart the NCC training to the NCC cadets 2. To impart the horse riding training to the NCC
Associate NCC Officer	Dr. R. Balamurugan, Associate NCC Officer, 1 (TN) R&V Sqn NCC, Madras Veterinary College, Chennai- 600 007.	cadets 3. To providing the Guard of Honour to Honourable Governor of Excellency Tamil Nadu at Convocation function. 4. To motivate the cadets to participate the
Associate NCC Officer	Dr. A. Elaiyaraja Associate NCC Officer, 1 (TN) R&V Sqn NCC, Madras Veterinary College, Chennai- 600 007.	Republic Day parade function.  5. To motivate the NCC cadets to join the armed forces

### NCC Students who received recognitions / Awards / Medals

		Details of the awards / recognitions			
Year	Name of student	College Level	University Level	National Level	International Level
2015-16	D. Kavinkumar (2013-14 Batch)			Participated RDC camp	
2016-17	D. Kavinkumar (2013-14 Batch)			Selected for RDC camp	

## NCC Activities in last five years

S.No	Year	Name of the Programme	Venue and date	Resource person	No. of Students participated
	2014-15	Army attachment camp	20 SEP 2014 to 04 OCT 2014, RVC centre & College, Meerut Cantt. Meerut	Army Officers of RVC centre & College, Meerut Cantt. Meerut	24
	2014-15	Combined Annual Training Camp	31 OCT 2014 to 09 NOV 2014 Sai Ram Matriculation Hr. Sec. School, West Tambaram, Chennai- 44	Army Officers of 1(TN) R&V Sqn NCC, Madhavaram milk colony, Chennai- 600 051.	08
	2014-15	National Integration Camp II	20 Jan 2015 to 31 Jan 2015 at Noida.	Army Officers of National Integration Camp II	10
	2015-16	Yoga training programme	24 Apr 2015 to 08May 2015 Madras Veterinary College, Chennai.	Dr. R. Balamurugan & Indumathi, Isha Yoga Maiyam.	95
	2015-16	International Yoga Day celebration	21 June 2015 at Madras Medical College, Chennai.	Dr. R. Balamurugan & Indumathi, Isha Yoga Maiyam.	90
	2015-16	Army attachment camp	12 October 2015 to 26 October 2015 RVC centre & College, Meerut Cantt. Meerut	Army Officers of RVC centre & College, Meerut Cantt. Meerut	31
	2015-16	Combined Annual Training Camp cum National Games Launch	25 <sup>th</sup> September 2015 to 04 <sup>th</sup> October 2015 at J.H.A Agarsen College, Madhavaram	Army Officers of 1(TN) R&V Sqn NCC, Madhavaram milk colony, Chennai- 600 051.	32
	2016-17	Army attachment camp	15 October 2016 to 29 October 2016 at RVC centre & College, Meerut Cantt. Meerut	Army Officers of RVC centre & College, Meerut Cantt. Meerut	24
	2016-17	Combined Annual Training Camp cum National Games Launch	05 <sup>th</sup> October 2016 to 14 <sup>th</sup> October 2016 at JG National Higher Secondary School, Chennai.	Army Officers of 1(TN) R&V Sqn NCC, Madhavaram milk colony, Chennai- 600 051.	32
	2016-17	Pinkathon Chennai- 2016 3 k.m. and 5 k.m. running programme	5 <sup>th</sup> June 2016 at Island Grounds, Chennai	Dr. R. Balamurugan, Pinkathon officials	20
	2016-17	International Yoga Day celebration	21 June 2016 at Madras Veterinary College, Chennai.	Dr. R. Balamurugan, Prof. N. Kumaravelu & Indumathi, Isha Yoga Maiyam.	100

	T	Г	T	
2017-18	Army attachment camp	17 October 2017 to 31 October 2017 at RVC centre & College, Meerut Cantt. Meerut	Army Officers of RVC centre & College, Meerut Cantt. Meerut	25
2017-18	Combined Annual Training Camp	05 <sup>th</sup> October 2017 to 14 <sup>th</sup> October 2017 at Jain Vidyaashram, Puzhal	Army Officers of 1(TN) R&V Sqn NCC, Madhavaram milk colony, Chennai- 600 051.	14
2017-18	Combined Annual Training Camp	24 <sup>th</sup> November 2017 to 03 <sup>th</sup> December 2017 at Sathya Bama University, Jeppirar nagar, Chennai	Army Officers of 1(TN) R&V Sqn NCC, Madhavaram milk colony, Chennai- 600 051.	07
2017-18	International Yoga Day celebration	21 June 2017 at Madras Veterinary College, Chennai.	Dr. R. Balamurugan, Dr. A. Elamaran and Dr. Senthilkumar, Dr. Thilakar, and Dr. Ramani & Indumathi, Isha Yoga Maiyam.	100
2017-18	Pinkathon Chennai- 2017	2 <sup>nd</sup> July 2017 at Island Grounds, Chennai	Dr. R. Balamurugan, Pinkathon officials	20
2018-19	Army attachment camp	15 October 2018 to 29 October 2018 RVC centre & College, Meerut Cantt. Meerut	Dr. R. Balamurugan, Army Officers of RVC centre & College, Meerut Cantt. Meerut	30
2018-19	Combined Annual Training Camp	09th September 2018 to 18th September 2018. at Jain Vidyaashram, Puzhal.	Dr. R. Balamurugan, Army Officers of 1(TN) R&V Sqn NCC, Madhavaram milk colony, Chennai- 600 051.	16
2018-19	International Yoga Day celebration	21 June 2018 at Madras Veterinary College, Chennai.	Dr. R. Balamurugan, Dr. K. Elaiyaraja & Indumathi, Isha Yoga Maiyam.	78
2018-19	Swachh Bharat programme - Cleaning programme, Polythene bag disposal awareness, Swachh Bharat rally, Solid waste management awreness and toilet construction awareness	15.07.2018. and 22.07.2018. at Karanodai Village, Thiruvallur (Dt.)	Dr. R. Balamurugan, Dr. A Elaiyaraja, NCC Unit, 1(TN) R&V Sqn, NCC, Madras Veterinary College, Chennai – 600 007	35

2018-19	RVC participation motivation programme for the out goingB.V.Sc., & A.H. (2013-2014) Batch	26.04.2018 at Madras Veterinary College, Chennai.	Dr. R. Balamurugan, & Dr. Omkar Rudikar, NCC Unit, 1(TN) R&V Sqn, NCC, Madras Veterinary College, Chennai – 600 007	45
2018-19	Pinkathon Chennai- 2018	5 <sup>th</sup> August 2018 at Island Grounds, Chennai.	Dr. R. Balamurugan, Pinkathon officials	20
2018-19	Blood donation camp 2018	30.11.2018.at Stanley Medical College, Chennai.	Dr. R. Balamurugan,	16
2019	Army attachment camp	16 October 2019 to 30 October 2019 RVC centre & College, Meerut Cantt. Meerut	Dr. A. Elaiyaraja , Army Officers of RVC centre & College, Meerut Cantt. Meerut	32
	Combined Annual Training Camp	01October 2019 to 10 October 2019 at Jain Vidyaashram, Puzhal.	Army Officers of 1(TN) R&V Sqn NCC, Madhavaram milk colony, Chennai- 600 051.	50
	Ek Bharat Shreshth Bharat Camp – I	11th NOV 2019 to 22 NOV 2019. at Periyar Maniammai University, Vallam, Trichy.	Army Officers of Ek Bharat Shreshth Bharat Camp – I	10

### **NSS Structure**

	Structure	Objectives/ Functions of NSS (in bullets)
Programme Co-ordinator	Name and designation  Dr. S. MeenakshiSundaram, Ph. D Professor and Head, Livestock Farm Complex, TANUVAS, Chennai-600051	<ul> <li>To enable the students to understand the community in which they work</li> <li>To understand themselves in relation to their community</li> <li>To identify the needs and problems of the community and the solution to them</li> </ul>
Programme officer	Dr. K. Nagarajan, Ph. D. Assistant Professor, Department of Veterinary Pathology, Madras Veterinary College, Vepery, Chennai-7	<ul> <li>To develop competence required for group living and sharing responsibilities</li> <li>To acquire leadership qualities and democratic attitude</li> <li>To encourage national integration and develop</li> </ul>
Programme officer	Dr. A. Yasotha, Ph. D. Assistant Professor, Department of Livestock Production and Management Madras Veterinary College, Chennai-600 007.	the capacity to meet emergencies and national disasters.

Programme	Dr. S. Rangasamy, Ph. D.
officer	Assistant Professor, Dept. of
	Veterinary Gynaecology and
	Obstetrics,
	Madras Veterinary College,
	Chennai-600007
Programme	Dr. ElamuruganAppavoo, Ph. D.
officer	Assistant Professor,
	Department of Veterinary
	Microbiology, Madras Veterinary
	College, Vepery, Chennai-7

### NSS Activities in last five years

	Year-wise activities of NSS	Outcome/benefit for student development
Year	Activity (add rows as required)	Outcome/benefit for student development
2014-15	Tree plantation	470 tree saplings were planted during different NSS camps for the period
	Blood donation	114 units of blood were donated by the NSS volunteers of Madras Veterinary College during the blood donation camps and at various hospitals at call during emergencies.
	Veterinary Health camps	19 Veterinary Health camps were conducted at Thiruvallur and Kancheepuram districts of Tamil Nadu. About 400 large ruminants, 1000 small ruminants, 75 dogs and 250 backyard poultry were treated / dewormed / vaccinated.
	Eye check-up camp	Free Eye Check up Camp was conducted on 11.09.2014 at Madras Veterinary College in collaboration with M/s. Vasan Eye care, Chennai. About 120 students and staff of Madras Veterinary College benefited through the programme
	Dental check up camp	Free Dental Check up Camp was organized at Madras Veterinary College in collaboration with Dr. Arun, Practising Dentist, Chennai. About 180 students and staff of Madras Veterinary College were benefited
	<b>Donation of clothes</b>	Dress materials and clothes were collected from students and staff of the college and donated to REHABOTH – the Home for mentally disabled.
	Awareness visits	Awareness visit on "Dog breeds" was arranged on 13.09.2014 at International Dog Show conducted by Kennel Club of India at Nandanam. 150 NSS volunteers benefitted through the programme.
	Service at Ghosala	As a part of NSS activity of Madras Veterinary College a "Cow Care Camp" was conducted at the Goshala attached to Sri Veeraragharaswamy Temple, Thiruvallur. About 75 cows were vaccinated against Foot and Mouth disease, dewormed against parasites and treated for ailments. Fertility check up was also done for all the cows.

AWARENESS WORKSHOP	One day Awareness workshop on "Livestock Biodiversity" on 01.03.2014 in which 75 NSS volunteers from various city colleges viz, Ethiraj College for women, Kanyakaparameswari college, Anna Adarash College for women, J.S.S. Jain College, Quide-Millet College, College of Food and Dairy Technology and Madras Veterinary College. The programme was sponsored by Ministry of Environment and Forests, Government of India.
RED RIBBON CLUB	Red Ribbon Club was inaugurated at Madras Veterinary College, Chennai on 11.08.2014. Dr. S.A. Asokan, Dean, Madras Veterinary College conducted session on "Celebrating Life" by interacting with the participants. About 150 prefinal year and final year B.V.Sc.& A.H students of Madras Veterinary College participated in the programme
SPECIAL CAMP ACTIVITIES	The NSS unit of Madras Veterinary College conducted four special camps at Puduhur, Idaiyathur, Laxminarayana Puram and Easoor Villages between 03.03.2014 to 09.03.2014. NSS volunteers were involved in Veterinary Health Camps in various villages around Easoor and treated / vaccinated / dewormed about 550 cattle and buffaloes, 300 sheep and goats, 100 backyard poultry. Further, free eye check up and dental check up camps was arranged for school students and village people. Free dental kit was distributed for the school students. Various sports competitions were conducted for school students in the adopted villages and distributed prizes for the winners and participated students during the special camping programme. Planetarium was set at the school at the camp village in collaboration with Birla Planetarium, Chennai, which was appreciated by school children and village people. Rapid Rural Appraisal (RRA) was conducted in adopted villages and NSS volunteers presented the data collected during RRA in groups. Nature walk and science exhibition were also conducted during the special camp. Various social issues were discussed and presented in the form of debate, group discussion, miming and drama. Cultural events were also conducted for the NSS volunteers during the camp period.
TAMIL NADU STATE LEVEL AWARD OF BEST NSS VOLUNTEER OF MVC	<b>Dr. M. Manimaran</b> , who is the alumni of Madras Veterinary College was awarded State level Best NSS Volunteer 2012-13 in recognition of his outstanding contribution during the Regular and Special camp activities conducted by the NSS unit of Madras Veterinary College during his period of study.

nted-100
en on demand
od donated-34
participated-20
nded-350
participated-240
s-5
participated-485
s-1
25
rained -55
rained -120
S-3
participated-150
s-2 rained -50
3-8
participated-108
nded-1362
S-3
participated-50
nded-878
benefitted-450
8-2
participated-16 nded-120
participated-50
efitted- 450
participated-143
S-1
participated-20
2016 conducted from
4/2016 at selected villages
Food and Dairy Technology,
llur district.
camp was organized at age.
neral mixture pockets to the
· F · · · · · · · · · · · · · · · ·
heep &goats, 5 rabbits were
camp.
stration on meat products was
e village for self help group
hicken 65, chicken cutlet,
ere made.

Twenty five women participated in the Group discussion on the topics event. Anti-corruption; Water management; Honour killing; Child labour; Coalition government etc were organized for volunteer groups. Veterinary health camp at Bandikavanur village was conducted. 39 cattle, 342 sheep & goat, 6 chicken and 3 dogs were treated. Mineral mixture and salt licks were distributed to the farmers. Nature walk was organized in the village various floral species in the village were identified by the volunteers. Spot topics were given to students and were asked to offer extempore talk. Veterinary camp at Nallankavanur village was conducted. 74 cattle, 244 sheep & goat were treated. Mineral mixtures were given to the farmers. Participatory rural Appraisal (PRA) study was orgainized Games and sports events were conducted for the school children. "NAIL CLIPPING" event was conducted for school children by our student volunteers. Presentation of resource, social map and problem ranking was conducted by our volunteers. Veterinary camp at Vadathur village. 54 cattle, 235 sheep & goat and 2 dogs were brought to the camp. Mineral mixture were distributed to the farmers. Dental camp was organized oral screening, scaling and filling were done. PRA studies were conducted in the village. Visited Central Cattle Breeding farm, Alamathi. Dr.Gunasekaran, Director of the farm explained the activities of the farm. Volunteers were taught on buffalo rearing practices. Presentation of PRA report of the village by the volunteers. Veterinary camp was organized at Thottikalai village. 87 cattle, 252 sheep & goat, 30 chicken, 2 dogs were brought to the camp. Distributed Mineral mixture pockets to the farmers. Rangoli on the theme "100% voting" was drawn to sensitize the village people to cast their vote in the forth coming assembly election.

		<ul> <li>Camp fire activity. Volunteers showed their talents by singing, dancing, mimicrying etc.</li> <li>Volunteers were given training on "Learn to start the heart by Cardiac Pulmonary Resuscitation" by saveetha medical college staff. Valedictory session and distribution of certificates.</li> </ul>
2016-17	Blood donation	Blood donation at call at different Hospitals on Various dates and total of 48 units of blood donated by 48 Volunteers
	Blood donation camp MVC, Chennai on 07.11.2016 in collaboration with Rajiv Gandhi Government General Hospital, Chennai	<ul><li>57 units of blood donated</li><li>60 Volunteers participated</li></ul>
	Training on Value added Meat Products preparation	At Sivanvoyal on 02.04.2016 to 25 rural women by50 NSS Volunteers
	Conduct of PRA at Sivanvoyal, Karayanmedu, Bandikavanur and Nallankavanur on 04.04.2016 & 05.04.2016	75 students participated
	Training on "Learn to start the heart by Cardio Pulmonary Resuscitation" by Saveetha Medical College, Chennai on 07.04.2016	55 students trained
	World Veterinary Day celebration at MVC on 30.04.2016	20 volunteers engaged in Veterinary Health Camp
	Veterinary Health camp at various villages on 04.04.2016 & 05.04.2016	350 animals were treated by 15 NSS Volunteers
	Visit to Central Cattle Breeding farm, Alamathi on 05.04.2016	75 volunteers were participated
	Nature walk at Koduvalli on 03.04.2016	75 volunteers were participated
	National Integration Camp conducted at P.A. College of Engineering, Pollachi from 2-8 May 2016	4 Volunteers were empowered in this programme
	Visit of 39th Chennai Book fair at Island grounds, Chennai on 11.06.2016	50 volunteers attended
	Celebration of International Yoga day at MVC on 21.06.2016	100 volunteers practically trained
	Data Collection on basic details at adopted villages (Sivonvoyal, Karayanmedu, Bandikavanur and Nallankavanur) on July 2016	25 students participated
	Conduct of meeting for preparation of plan of action in adopted villages during 14.06.2016 and August 2016	Plan of action report made for the year 2016-17 NSS POs participated and discussed with NSS Reps
	Independence day celebrations at MVC	Flag hoisting-120 volunteers participated
	Tree plantation camp at Residential quarters, TANUVAS on 15.08.2016	50 tree sapling planted 20 volunteers participated

Orientation programme for first year students by NSS Programme Coordinator at MVC on 23.09.2016	100 students and their parents participated	
Swacch Bharat – Exam Hall Cleaning and Drawing competition MVC, Chennai 07.10	57 Volunteers	
Soil sample test programme in adopted villages - Bandikanoor, Sivan voyal and Karayanmedu on 22.10.2016	12 Volunteers	
Faecal sample examination camp in Adopted Villages – Bandikavanoor, Sivan voyal and Karayanmedu on 22.10.2016	Fecal sample Testing – 30 samples 12 Volunteers participated	
Tree plantation camp at adopted Village - Bandikavanoor, Sivan voyal and Karayanmedu on 26.11.2016	100 saplings were planted by 60 Volunteers	
Bovine infertility treatment camp at adopted Village - Bandikavanoor, Sivan voyal and Karayanmedu on 26.11.2016	Animal treated - 50 dairy animals by 60 Volunteers	
Veterinary camp at Natham – Nallur village on 27.11.2016 in collaboration with GSS Jain Gurukul, Vepery	150 animals were examined and treated by 15 NSS volunteers	
Campus cleaning and disinfection was done at MVC campus and Hostel campus during Vardha cyclone on 17.12.2016	150 NSS volunteers participated	
Burcellosis screening test at Ghosala, Thiruvallur on 24.12.2016	50 animals screened and dewormed by 8 Volunteers	
Veterinary camp conducted at Karikalavakkam on 04.02.2017	250 animals attended 15 NSS volunteers participated	
Veterinary camp conducted at Thumbakkam village on 18.02.2017	150 animals attended 15 NSS volunteers participated	
Animal Disease screening and Farm Advisory Service at Periyapalayam on 18.02.2017	20 animals attended 15 NSS volunteers participated	
Veterinary camp conducted at Guruvoyal village on 29.03.2017	120 animals attended 10 NSS volunteers participated	
Visit to P.T. Lee Chengalvaraya Naickar Polytechnic NSS volunteers from MVC on 25.02.2017	50 NSS Volunteers of Chengalvarayan Polytechnic and 5 NSS volunteers from MVC participated	
National Integration camp at State NSS unit conducted on19.03.2017	Activities enclosed 10 Volunteers	
Sukumathimaran award for Best NSS Volunteers of MVC was awarded on 18.03.2017	Two NSS Volunteers were awarded	

	SPECIAL CAMPING PROGRAMME BY THE NSS UNIT OF MADRAS VETERINARY COLLEGE	The NSS unit of Madras Veterinary College conducted special camp at adopted villages of Madras Veterinary College between 07.03.2017 to 13.03.2017.
2017-18	Campus cleaning and Disinfection Programme at MVC on 28.10.2017	66 NSS volunteers participated
	First year registration and Antiragging Affidavit registration at MVC on 11.11.2017	124 volunteers participated
	Team building exercises for Personality development on 18.11.2017& 25.11.2017	58 volunteers on 18/11/2017 and 44 volunteers on 25/11/2017 participated
	World Heritage week was celebrated on 25.11.2017 and Exposure visit to Government museum, Egmore has been arranged	85 NSS volunteers participated
	Blood donation camp at MVC on 21.12.2017	84 NSS volunteers participated and donated 79 units of blood
	Visit to a Home For Mentally Challenged Women on 30.12.2017 at Iyyapanthangal, Chennai.	NSS volunteers from III B.V.Sc and AH participated
	National Youth Day Celebration at Vivekanandar Illam on 12.01.2018	38 volunteers participated
	Exposure Visit To Chennai Book Fair 2018 at St.George Anglo- Indian Higher Secondary School , Aminjikarai on 20.01.2018 (Saturday)	26 NSS volunteers participated
	Preparation for Competitive examination Interview by Dr. IraiAnbu, IAS on 06.02.2018	39 NSS Volunteers attended and benefitted
	Veterinary Health camp conducted at Thumbakkam Village, Thiruvallur district on 04.02.2018 in collaboration with Mar Gregorios College of Arts and Science, Chennai	10 NSS volunteers participated and 56 farm families were benefitted
	Veterinary Health camp conducted at Nallur Village, Kancheepuram on 24.02.2018 in collaboration with Guru Shree Shanthivijai Jain College for women	10 NSS volunteers participated and 48 farm families were benefitted
	Blood cancer awareness programme and Stem Cells Donar drive conducted at MVC on 28.02.2018 in collaboration with DATRI, NGO, Chennai.	56 volunteers registered as Stem Cells donors
	Blood donation in Fortis Malar Hospital, SRM Hospital, Rajiv Gandhi Govt. General Hospital, Chennai between 20.02.2018 and 22.08.2018	15 volunteers donated the blood

World Veterinary Day Celebrations at Bandikavanur and Perathur Villages on 28.04.2018	18 volunteers participated and 56 farmers benefitted
International Yoga Day Celebrations at MVC on 21.06.2018	71 NSS volunteers benefitted
World Milk Day celebration – Milk products Preparation at Keelambakkam - Sivanvoyal village on 23.06.2018 39 along with self help group members	25 NSS Volunteers participated
Awareness on importance of consumption of milk Govt High School conducted on 23.06.2018	10 NSS volunteers participated and school children were benefitted 75
World Environment Day celebration at Sivanvoyal Village, Thiruvallur district on 10.06.2018	10 NSS volunteers participated and 48 farm families benefitted
Tree plantation programme at Sivanvoyal Village on 10.06.2018	10 NSS volunteers participated and 25 tree saplings planted
World Blood donors day at Madras Medical Mission, Mogappair, Chennai on 13.06.2018	8 volunteers donated 8 units of blood
Sheep and Goat vaccination Programme conducted at Thaneerkulam village on 13.07.2018	66 NSS volunteers participated
Dengue Awareness Programme conducted at MVC on 19.07.2018	All NSS unit of MVC participated
World Zoonoses Day- Anti Rabies Vaccination Programme conducted at Nathamedu- Sivanvoyal village on 21.07.2018	All NSS unit participated and more than 20 dogs were vaccinated
Swachh Bharat Internship Programmes at Nathamedu – Sivanvoyal villages on 21.07.2018	All NSS unit of MVC participated
Avoid Plastics –Save Nature awareness Programme conducted at Madras Veterinary College on 16.08.2018	80 NSS volunteers participated
Collection of Flood Relief Materials for Kerala flood at Madras Veterinary College was organized on 21.08.2018	All NSS unit of MVC participated
Old clothes collection to Orphanages Programme organized at Madras Veterinary College on 07.09.2018	All NSS unit of MVC participated
Tourism to Brain – Book release programme at St.Bede's Centenary Auditorium, Chennai on 22.12.2018	53 NSS volunteers participated

conducted a	ilk Day Celebration at Government Middle rikalawakkam, Tiruvallur 08.12.2018	30 NSS volunteers participated and School Children were benefitted	
	outh Day Celebration – larIllamon 12.01.2019	Enlightened the strength of youth	
	nl Camping Programme Villages. 23.03.2018 –	The NSS unit of Madras Veterinary College conducted special camp at adopted villages of Madras Veterinary College between 24.03.2017 to 29.03.2017.	
Veterinary l	nealth camps	24.03.2018- Thandalam colony, Vathadur Colony and Appakulam - 256 animals benefitted 25.03.2018 – Thottikalai -185 animals benefitted 26.03.2018 - Sivanvoyal Colony and Ambettkar nagar - 230animals benefitted 27.03.2018 - Aayalore, Punnapattu, Kaka Kandigai, Bandikavanoor, Sivan vayol, Sirukalthur and Karayanmedu - 240 animals benefitted	
Bovine infe	rtility treatment camp	24.03.2018 - Thanneerkulam village - 78 animals treated 28.03.2018 - Puliyurkandigai - 58 animals benefitted	
Anti-rabies	vaccination programme	25.03.2018 - Thottikalai, Mettu Colony and Poojankandigai - 18 dogs benefitted	
_	Vaccination for rural pultry against Newcastle	24.03.2018 - Thanneerkulam - 200 doses 25.03.2018	
1 1 2	ple examination - Strategic orming programme	26.03.2018 Bandikavanoor, Sivanvayol and Karayanmedu	
Meteorolog	ical awareness programme	28.03.2018 - Koyambakkam - 15 farmers benefitted	
Human hea	lth check up programme	25.03.2018 - Kilambakkam – 90 Villagers benefitted	
Dental chec	k up programme	25.03.2018 - Kilambakkam - 80 Villagers benefitted	
	Millet cultivation & Awareness Programme	26.03.2018 – Koyambakkam – 15 farmers benefitted	
Exhibition of practices	on animal management	25.03.2018 – Kilambakkam - 55 visitors benefitted	
Training on added milk	preparation of value products conducted	27.03.2018 – Koyambakkam - 23 SHG members benefitted	
1.1	mo for Sheep and Goat on at Koyambakkam	25 farmers benefitted	

	Awareness programme on Blood donation and Blood cancer conducted	120 students participated
	on 26.03.2018 at Kilambakkam  Planetarium demo was conducted	110 Children benefitted
	on 27.03.2018 at Aayalur  Various cultural and sports	180 children benefitted
	competitions conducted on 27.03.2018 at Aayalur and Koyambakkam	
	Various social issues were discussed among NSS Volunteers and presented in the form of debate, group discussion, miming and drama. Cultural events were also conducted for the NSS volunteers during the camp period. Rapid Rural Appraisal (RRA) and Participatory Rural Appraisal (PRS) were also conducted in villages for database maintenance.	100 NSS volunteers benefitted
2018-19	Infertility Camp and Farmers Day Celebrations Kalyanakuppam of Thiruvallur District on 10.02.2019	Reproductive status of animals have been improved
	Veterinary Health Camp Manjankaranai Village, Thiruvallur district, on 17.02.2019.	General Health and reproductive status of animals have been improved
	Blood Donation Kilpauk Medical College, Chennai on 15.04.2019 and 16.04.2019	Helped to save human lives
2019 up to 30.11.2019	Free dental camp Madras veterinary college on 24.04.2019	Ensured dental health of staff and students
	Veterinary day celebrations Bandikavanoor and Nallankavanoor villages, Thiruvallur district on 27.04.2019	General Health and reproductive status of animals have been improved
	Veterinary health camp Guruvoyal Village on 09.06.2019	General Health and reproductive status of animals have been improved
	Yoga Day Celebration Madras Veterinary College on 21.06.2019	General well being of students
	Veterinary Health Camp Kattur Colony Village, Minjur, Thiruvallur District on 21.09.2019	176 Cattle andCalves, 166 goats were treated and dewormed.
	Tree Planting Programme Livestock Farm Complex, TANUVAS, Madhavaram on 24.09.2019	50 palm tree seeds were planted by the NSS volunteers
	Plastic Waste Free Campaign Madras Veterinary College campus on 26.09.2019	Awareness were created among public about plastics

Veterinary Health Camp MoonuthiKuppam and adjacent villages, Kancheepuram District on 28.09.2019	57 pet dogs and Street dogs were vaccinated against rabies. 26 cattle and calves and 142 goats were treated and dewormed
Debate competition on 150 <sup>th</sup> Birthday celebration of Mahatma Gandhi Madras Veterinary College campus on 01.10.2019	Is home use the most of the policies of Ganthi? Or the Country did?"
Orientation programme for First Year Anna Auditorium, Madras Veterinary College on 10.10.2019	Created awareness among the students about the role and importance of NSS prograame
SPECIAL CAMPING PROGRAMME	
Veterinary Health Camps	Beneficiaries/ Outcome
02.05.2019 Bandikanvoor, Kakalore, Sivanvoyal Colony &Thandalam	289 animals benefited
03.05.2019 Aayalur, Karayanmedu	135 animals
04.05.2019 Melanoor, Punnapattu, Kakakandigai, - Chittathur, Agaram and Kandigai	480
05.05.2019 Punnapakkam, Karikalwakkam	240 animals
06.05.2019 Thalakancherry, Annaitersanagar, Veeragapuram, Sevvapettai new and old colony, PuliyurKandai	302 animals benefitted
Bovine infertility treatment camp	56 animals benefitted
02.05.2019 – Vadathur & Koyambakkam Village	38 animals benefitted
03.05.2019 at Thaneerkulam, Thottikalai, Mettucolony	28 animals benefitted
04.05.2019 at Nathamedu & Nathamedu Colony	26 animal benefitted
Anti-rabies vaccination programme on (	03.05.2019 at Thanneerkulam - 22 DOGS
Vaccination for rural backyard poultry against Newcastle disease at 20 areas	
02.05.2019	525 doses
03.05.2019	485 doses
04.05.2019	450 doses
06.05.2019	460 doses
Leaflet distribution on Animal Husbandry	
	,

02.05.2019	263 nos	
03.05.2019	135 nos	
04.05.2019	286 nos	
05.05.2019		
06.05.2019	302 nos	
Mineral mixture distribution		
02.05.2019	36 kgs	
03.05.2019	18 kgs	
04.05.2019	45 kgs	
05.05.2019	-	
06.05.2019	43kgs	
<b>Human Health Programmes</b>		
Human health check up programme on 05.05.2019 at Punnapakkam	93	
Eye check up programme 05.05.2019 Karikalawakkam	97	
Training /Method Demonstration/ Exhibition		
Training on value added Milk and Mille 06.05.2019 Punnapakkam	et products	
Exhibition on animal management practices on 03.05.2019 at Koyambakkam	55 visitors	
Awareness programme on Child labour – Flash Mob		
Awareness programme on Child Labour – Flash Mob on 02.05.2019 at Koyambakkam – 54 Volunteers benefitted		
Programmes for School Children		
Planetarium arranged on 04.05.2019 at Punnapakkam	160 Children	
Various cultural and sports competitions conducted on 03.05.2019 and 04.05.2019 at Koyambakkam village		
Programmes on Tradition and	l Culture	
Rangoli competition conducted on 05.0	5.2019 at Kilambakkam/ Koyambakkam	
Meditation / Yoga		
Importance of Yoga 02.05.2019 Koyambakkam	Learned the Importance of Yoga	
Other Programmes		
Livelihood Analysis 02.05.2019 Koyambakkam	54 volunteers	
Nutritional assessment of farm women	on 06.05.2019 at Punnapakkam	
Water Sample collection and analysis 04.05.2019 Koyambakkam	30 farmers	
Judging of dairy farm/ cattle / calf on 06.05.2019 at Koyambakkam		

Temple premises cleaning – Swacch Bharat on 07.05.2019 at Koyambakkam Temple Premises	54Volunteers
Visit to KVK and RRS, Tirur, Thiruvallur on 06.05.2019	10 volunteers
PRA / Social Survey on 02.05.2019 at Koyambakkam	54 volunteers
Meteorological awareness programme on 03.05.2019 at Kilambakkam	22 farmers
Video – Puppet show on 06.05.2019 at Punnapakkam	25 farmers

# VCRI, Namakkal

## **Sports and Cultural activities**

Year 2016-17	Name of the Event	Level of Participation	Award/Recognition
	B. Santhosh Kumar - BVN14059	CM Trophy – State Level 200m Butterfly Swimming Competition	First place
	M. Priya – BVN 14048	District level Javelin throw	First Place
	S. Gobi - BVN 16013	Junior National Tenni  – Koit Championship 2016	Participation
	M. Priya – BVN 14048	Chief Minister - Athletic Meet 2016 - Javelin Throw	5th place
Year 2 017-18			
	M. Kiruttigha	District Level Honorable Chief Minister Trophy Badminton Tournament	Winners Position
	S. Gobi S. Abishek	36th Junior National Tennikoit Championship	First Position
	M. Priya	18th All India Agri Sports Meet - Javelin	Gold Medal
	B. Santhosh Kumar	Chief Minister Trophy Swimming competition	5th place in 50 Mts Free style event
Year 2018-19			
	K.Abishek	4th world cup Tennikoit Championship 2018	Bronze Medal
	N. Parthasarathy K.Abishek	All India Interuniversity Ball Badminton men tournament	Participation

	S. Gobi, R.Thenmozhi, M.Harshini, S.Geetha, N.Jayaprakash, M.Muthu Kumar, S.Kamadhenu S.Karthik M.Priya	19th All India Inter Agri University sports and games 2018-2019	
	M.Kiruttigha M.Kiruttigha S.Geetha	Badminton	Gold medal
	M.Priya	Athletics (Javelin	Gold medal
		Throw)	
	K.Abishek	Junior National Tenikoit championship	Gold Medal
	K. Abishek	43rd Tamil Nadu State level Tennikoit championship for senior men	Selected
	V. Santhoshkumar	Chennai international youth festival swimming competition	50 meters and 100 meters in freestyle event - gold medals
	R. Thenmozhi, M.Harshini, S.Gobi S.Karthick	Tamil Nadu State level Inter University volley ball Tournament	Participation
	K.Abishek	4th world cup Tennikoit Championship 2018	Bronze Medal
Year 2019-20			
	Football Men Team	District Level	Participation
	V.Kalaiyarasan	District level Yogasana Championship competition	Gold medal
	S.Vigneshwara	District level Yogasana Championship competition	Silver medal
	Basketball Men Team	District level Chief Minister Trophy	participated
	Badminton women Team M.Naveena M.Kiruttigha M.Thulasimathi	District level Chief Minister trop	Cash Prize of Rs. 4000
	S.Sowmiya A.Nandhini I.Jannathul Firthous	District level Kho-Kho selection trials	Selected
	N.Jayaprakash, S.Kamadhenu, S.Gobi, P.Saikumar, M.Tamilselvan M.Naveena E.L.Aruneshwaran	State level mini marathon road race	Participation
	S.Abishek	Tamil Nadu state level Open Tennikoit tournament	4 <sup>th</sup> place

R.Partha Sarathy, S.Anban, S.Ganesh and S.Murugasen	60 <sup>th</sup> senior state level Tamil Nadu carrom championship	Participation
M. Kiruttigha M.Thulasimathi	state level chief minister trophy in Badminton tournament	Participation
M.Muthazhagi and V.Saranya	44 <sup>th</sup> Senior State Kho-Kho women Championship	Participation
S.Abishek	Tamil Nadu in the 44 <sup>th</sup> Senior National Tennikoit Championship	silver medal
M.Thulasimathi	National Squash Championship	Participation
B.Santhosh Kumar	National swimming competition 2019	Gold medals in 4X50m Medley relay, 4 x25m mannequin carry and 4 X 50m Obstacle relay
S. Surya	38th junior National Tennikoit Tournament	Team championship gold and in Individual singles he secured silver medal
S.Abishek	International Tennikoit championship held at	Cash prize of Rs.10 lakhs
S.Gobi, A.Mahaboojohn, M. Muthukumar	All India Interuniversity South Zone Tournament	Participation
N. Parthasarthy S.Gobi, N.Jayaprakash M.Naveena, R.Praveen, R.Mahindhan, S.Abishek, R.S.Triksha, A.Sharumathi, S.Jothimani	20th ICAR Inter Agricultural University sports and games 2020	Participation
Shuttle Badminton women team M. Thulasimathi, M.Kiruttigha, S.Geetha	20 <sup>th</sup> ICAR Inter Agricultural University sports and games 2020	Gold medal
Chess Team (Men & Women)	TANUVAS Intercollegiate chess tournament	winners

#### **NCC** Activities

Two National Service Scheme (NSS) units (200 student volunteers) and One Red Ribbon Club (RRC) unit (100 student volunteers) are functioning at Veterinary College and Research Institute, Namakkal. Various activities such as awareness rally, blood donation camp, Camp at villages, swachh bharath activity etc were carried out. Through these programmes students are enriched with leadership quality, organising skill, management skill, social responsibility etc.

Year	Name of the programme	Venue and Date	No. of students participated
2016-17	Combined Annual Training camp	<ul> <li>AVS Arts and Science College, Ramalingapuram(PO), Attur Road, Salem 17.06.2017 to 26.06.2017</li> <li>CATC camp at KSR, Arts and Science College, Tiruchengode during the period from 19.05.2017 to 28.05.2017</li> </ul>	<ul> <li>19 NCC 'B' Certificate</li> <li>7 NCC 'C' Certificate</li> <li>13 students participated and won overall championship award among the 15 colleges participated</li> </ul>
2017-18	Combined Annual Training Camp	Conducted at Er.Perumal     Manimekalai Polytechnic     College, Hosur from     19.06.2018 to 28.06.2018	8 students participated

### **NSS Activities**

Year	Name of the programme/activities	Venue and Date	No. of students participated
2015-16	Special camp	Naagaiyanallur village, Thottiyam 09.03.2016	60
	"Election Awareness Campaign"	• VCRI,Namakkal 21.03.2016,	150
	Orientation Training Programme on TB Screening	VCRI,Namakkal 21.03.2016	150
	Screening of TB among public	Karaikurichi Village, Namakkal     23.03.2016 to 27.03.2016	60
2016-17	Special camp	Karaikurichi, village 23/03/17 to 29/03/2017.	100
	General health camp, dental camp	Karaikurichi, village	
	and animal health camps	27/03/2017	
2017-18	Special camp	Chinna karasapalayam and Melapatti village, Namakkal from 22/03/18 to 28/03/2018.	100
	General health camp	24/03/2018	

# VCRI, Orthanadu

## **Sports activities**

Year	Name of the event	Level of participation*	Award/Recognition*
		2016-17	
26.11.2016 to	Chief Minister Trophy –	District level	2 <sup>nd</sup> Place
28.11.2016 &	Sports and Games 2016-	Thanjavur district	V. Vaishnavi (BVO16056)
04.12.2016	17 - Swimming		
26.02.2017	Chief Minister Trophy –	SDAT - District	1st Place
	Swimming Competition	level	V.Vaishnavi (BVO16056)
	100 mts Backstroke	Theni district	
26.02.2017	Swimming Competition	SDAT – District	1st Place
	50 mts Backstroke	level	V. Vaishnavi (BVO16056)
		Theni district	

31.03.2017 to 02.04.2017	Inter – Professional volley ball tournament	University (TANUVAS) MVC, Chennai	Fairplay Award V.Kathirvel (BVO13019) S.Govindhasamy (BVO13014) P.Manikandan (BVO13026) T.B.Gowtham (BVO13015) M.Dhivagar (BVO13008) A.R.Abbas (BVO114002) S.Ramesh (BVO14024) V.Kirubhakaran (BVO16017) G.Sivasakthi (BVO16049)
		2017-18	
03.11.2017 to 05.11.2017	27 <sup>th</sup> Tamilnadu state cadre Junior Judo Championship Boys and Girls	State Level	1st Place (Selected for National level) J.P.Vasanth Surya (BVO 17075)
09.12.2017 to 10.12.2017	Chief Minister Trophy – Sports and Games 2016- 17 - Swimming	District level Held at Thanjavur	1st Place V.Vaishnavi (BVO16056)
09.12.2017 to 10.12.2017	Chief Minister Trophy – Sports and Games 2016- 17 – Table tennis	District level Held at Thanjavur	3rd Place K.T.Krishna Gupta (BVO17033)
19.12.2017 to 25.12.2017	Interuniversity Volleyball tournament	University level SRM University, Chennai	Represented TANUVAS V.Kathirvel (BVO13019) A.R.Abbas (BVO14002)
		2018-19	
21.10.2018 to 26.10.2018	South zone Interuniversity Men and Women Volleyball Tournament	SDAT – TANUVAS University level	L.M.Arunkumar (BVO17003) M.Sathishkumar (BVO17066) V.Nivetha (BVO17045) P.V.Jeevika (BVO17025)
07.12.2018 to 09.12.2018	59th Tamilnadu State Senior Carrom Championship 2018- 19 held at Coimbatore distrcit	State level	Won 3 <sup>rd</sup> Place Cash award: Rs.20,000/- Gold Coin: 4.10 gms P.Dharani (BVO18012)
24.12.2018	Tamilnadu Open state Senior Judo Championship 2018-19 Held at Tiruchengode	State level Namakkal District	2 <sup>nd</sup> Place (Selected for National level) J.P.Vasanth Surya (BVO 17075)
02.01.2019 to 05.01.2019	All India Inter-Agri Sports and Games Meet – 2019, PAU, Ludhiana, Punjab	Inter-University	
	Badminton		D.Dhanush Aadiitya (BVO14007)
			R.Vishnuprabu (BVO15062)
	Table Tennis		K.T.Krishna Gupta (BVO17033)
			P.Harish (BVO17020
	Athletics: 200, 400 mts		A.Karthik (BVO 17028
	Volleyball		L.M.Arunkumar (BVO17003) M.Sathishkumar (BVO17066)

	Athletics: 200, 400 mts		N.Bhavadharani (BVO15006)
			G.Priyadharshini (BVO16032)
24.01.2019	Senior National Judo Championship 2018-19 Held at Visakapattinam	National level	Participation J.P.Vasanth Surya (BVO 17075)
		2019- 20	
09.11.2019 to 10.11.2019	Tamil Nadu Junior State Judo Championship 2019-20, Krishnagiri	State level Judo Competition	Winner - 1st Place J.P.Vasanth Surya (BVO 17075)
29.11.2019 to 01.12.2019	61th Tamil Nadu State Junior and Youth Carrom Championship 2019-20, Namakkal	State level Carrom Competition	Runner - 2nd Place P.Dharani (BVO18012)
01.12.2019 to 05.12.2019	Junior National Judo Championship 2019-20 Lucknow, Uttar Pradesh	National level	Lost in Pre-quarter final J.P.Vasanth Surya (BVO 17075)
28.11.2019 to	South Zone University	University Level –	M.Karthikeyan (BVO 16016)
11.12.2019	Cricket (Men) Tournament, University of Mysore, Karnataka	South zone	K.Vignesh (BVO 16059)
12.02.2020	TANUVAS Inter- Collegiate Chess (M&W) Tournament	University Level	Boys Team – 3 <sup>rd</sup> Place K.Rajeshkumar (BVO 15034) M.Seenu (BVO16044) R.Kamalesh (BVO18025) J.V.Subash Chandra Bose (BVO19062)
			Girls Team – 4 <sup>th</sup> Place P.Kowsalya (BVO16018) V.Nivetha (BVO17045) M.Boomiga (BVO18009) D.Sunandana (BVO18069)
02.03.2020 to 08.03.2020	University in ICAR Inter University Sports and Games Meet 2019-20	University level	P.V.Jeevika (BVO17025) G.Nandeeshwaran (BVO17042) L.M.Satheeskumar (BVO17066)

### **Cultural events**

Year	Name of the programme/event	Venue and Date	No. of students participated	No. of awards/ Prizes distributed
2014-15	Inter class cultural events were conducted. On stage events on various literary events and fine arts and on stage events on performing arts were conducted and the students were given prizes.	VCRI Orathanadu 29.01.2015- 17.02.2016	120	158

2015-16	Inter class cultural events were conducted. A total of 14 off stage events on various literary events and fine arts and 8 on stage events on performing arts were conducted and the students were given prizes.	VCRI Orathanadu 03.02.2016- 25.02.2016	151	170
2016-17	Inter class cultural events 'Vetsenza17' was conducted. 14 off stage events on various literary events and fine arts and 8 on stage events on performing arts were conducted and the students were given prizes.	VCRI Orathanadu 09.12.2016- 04.01.2017	172	195
2017-18	Inter-class cultural competitions "Rhythm'2018" a total of 23 types of events were conducted.	VCRI Orathanadu 13.12.2017- 02.01.2018	253	210
2018-19	Cultural competitions "Agni'2019" a total of 45 types of events were conducted.	VCRI Orathanadu 02.02.2019- 15.02.2019	232	226
2019- 20	Cultural competitions "2020" a total of 48 types of events were conducted.	VCRI Orathanadu 05.02.2020- 02.03.2020	362	247

## NSS activities

	Structure	Objectives/ Functions of NSS (in bullets)
Position  NSS programme officer	Name and designation  Dr. S.Sivagnanam NSS Programme Officer and Assistant Professor Department of Veterinary Anatomy Veterinary College and Research Institute Orathanadu-614625	<ul> <li>Objectives</li> <li>The overall objective of NSS is "Personality Development of students through Community Service".</li> <li>To understand the community in which they study /work.</li> <li>To understand themselves in relation to their community.</li> <li>To develop a sense of Social responsibility.</li> </ul>
		<ul> <li>Acquire Leadership quality and democratic attitude.</li> </ul>

• Develop competencies required for group living and sharing responsibilities.

#### **Functions**

- NSS UNIT in VCRI, OND is existing since 16<sup>th</sup> OCTOBER 2014.
  - Urban work Traffic Regulation, Visiting Hospitals, etc.,
  - Blood Donation. HIV/AIDS Awareness Programmes.
  - Environmental Awareness.
  - Life Skill Education.
  - Women Development & Gender Justice.
  - Organizing Work Shops / Seminars in order to make aware on above subjects the Volunteers.

### **Special Camping Programme ( For 7 days)**

- Under this Programme Camps of 7 days duration are organized under specific themes in the adopted.
- Villages / Slums by involving local youth along with NSS Volunteers.
- (50% of the unit strength can Participate in the Special Camp). The activity will be carried out under some special theme from time to time.
- Every year the theme of the Special Camp will be announced by the Government of India on important issues of the country. Sometimes a single theme may be followed for two or three years.

#### VCRI, Tirunelveli

#### **Sports Events organised**

Year	Name of the event	Level of participation*	Award/Recognition*
2014-15	-	-	-
2015-16	Hockey	South Zone Inter University Men Hockey Tournament, Organized by Alagappa University, Karaikudi No. of Participants: 01	Participation
	Hockey	SDAT Inter University Hockey Tournament, Organized by Alagappa University, Karaikudi No. of Participants: 01	Participation
	Foot ball	SDAT Inter University Football Tournament, Organized by Tamil Nadu Physical Education and Sports University, Chennai No. of Participants: 01	Participation

2016-17	Volley ball	South Zone Inter University Men Volleyball Tournament, Organized by SRM University, Chennai No. of Participants: 02	Participation
2017-18	Soft Tennis	10 <sup>th</sup> Senior State Level Soft Tennis Championship, Organized by Coimbatore District Soft Tennis Association No. of Participants: 01	Third Place
	Sepak Takraw	28th Senior Sepak Takraw Championship, Organised by Kerala State Sepak Takraw Association, Calicut No. of Participants: 01	Participation
2018-19	Long Jump	18 <sup>th</sup> All India Inter Agricultural Sports and Games Meet (ICAR), Organised by University of Agricultural Science, Bengaluru No. of Participants: 01	Silver medal
	High Jump	18 <sup>th</sup> All India Inter Agricultural Sports and Games Meet (ICAR), Organised by University of Agricultural Science, Bengaluru No. of Participants: 01	Silver medal
	Athletics (100 M and 200 M)	18 <sup>th</sup> All India Inter Agricultural Sports and Games Meet (ICAR), Organised by University of Agricultural Science, Bengaluru during the year 2018.	Participation
	Volley ball	SDAT Tamil Nadu State Inter University Volleyball (M & W) Tournament, Organized by TANUVAS, Chennai during the year No. of Participants: 02	Participation
	Volley ball (Women)	SDAT Tamil Nadu State Inter University Volleyball (M & W) Tournament, Organized by TANUVAS, Chennai during the year No. of Participants: 02	Participation
	Sepak Takraw	22 <sup>nd</sup> Junior National Sepak Takraw Championship, Organized by Assam Sepak Takraw Association, Gawhati, Assam during No. of Participants: 01	Participation
	Taekwondo Championship	Sparring Below 18 (45 – 50 Kg) Weight Category in the 3 <sup>rd</sup> everest Open International Taekwondo Championship held at Dhulikhel, Nepal No. of Participants: 01	Second Position

2019- 20	Taekwondo Championship	National Taekwondo Championship and secured First Position with Gold Medal in TULS Category and Second Position with Silver Medal in SPARRING category, organized by International Taekwondo Federation India Council No. of Participants: 01	First position
	Cricket	South Zone (AIU) Inter University Men Cricket Tournament which was held at Mysore, Karnataka No. of Participants: 02	Participation
	Long jump (Women)	19 <sup>th</sup> All India Inter Agricultural Universities Sports & Games Meet, Organized by Punjab Agricultural University, Ludhiana No. of Participants: 01	Gold medal
	High jump (Women)	19 <sup>th</sup> All India Inter Agricultural Universities Sports & Games Meet, Organized by Punjab Agricultural University, Ludhiana No. of Participants: 01	Gold medal
	100 Mts (Men)	19 <sup>th</sup> All India Inter Agricultural Universities Sports & Games Meet, Organized by Punjab Agricultural University, Ludhiana No. of Participants: 01	Participation
	Long Jump (Men)	19 <sup>th</sup> All India Inter Agricultural Universities Sports & Games Meet, Organized by Punjab Agricultural University, Ludhiana No. of Participants: 01	Participation
	Badminton /	TANUVAS University Sports and Games Meet for the year 2020 and selected for the ICAR Sports and Games Meet for the year 2020. No. of Participant: 01	Selected
	Ball Badminton	TANUVAS University Sports and Games Meet for the year 2020 and selected for the ICAR Sports and Games Meet for the year 2020. No. of Participant: 02	Selected
	Basket ball	TANUVAS University Sports and Games Meet for the year 2020 and selected for the ICAR Sports and Games Meet for the year 2020. No. of Participant: 1	Selected
	Cricket	TANUVAS University Sports and Games Meet for the year 2020 and selected for the ICAR Sports and Games Meet for the year 2020. No. of Participant: 3	Selected

Foot ball	TANUVAS University Sports and Games Meet for the year 2020 and selected for the ICAR Sports and Games Meet for the year 2020. No. of Participant: 03	Selected
Kabbadi	TANUVAS University Sports and Games Meet for the year 2020 and selected for the ICAR Sports and Games Meet for the year 2020. No. of Participant: 02	Selected
Volleyball	TANUVAS University Sports and Games Meet for the year 2020 and selected for the ICAR Sports and Games Meet for the year 2020.  No. of Participant:: 02	Selected
Women Volleyball	TANUVAS University Sports and Games Meet for the year 2020 and selected for the ICAR Sports and Games Meet for the year 2020. No. of Participant: : 01	Selected
Shotput	TANUVAS University Sports and Games Meet for the year 2020 and selected for the ICAR Sports and Games Meet for the year 2020. No. of Participant: : 01	Selected
Athletics (100Mts)	TANUVAS University Sports and Games Meet for the year 2020 and selected for the ICAR Sports and Games Meet for the year 2020. No. of Participant: : 01	Selected
Athletics (200 Mts)	TANUVAS University Sports and Games Meet for the year 2020 and selected for the ICAR Sports and Games Meet for the year 2020. No. of Participant: 01	Selected
Athletics (800 Mts & 1500 Mts)	TANUVAS University Sports and Games Meet for the year 2020 and selected for the ICAR Sports and Games Meet for the year 2020. No. of Participant:01	Selected
Javelin Throw	TANUVAS University Sports and Games Meet for the year 2020 and selected for the ICAR Sports and Games Meet for the year 2020. No. of Participant: 01	Selected
Discus throw	TANUVAS University Sports and Games Meet for the year 2020 and selected for the ICAR Sports and Games Meet for the year 2020. No. of Participant: 01	Selected

Long jump(M)	TANUVAS University Sports and Games Meet for the year 2020 and selected for the ICAR Sports and Games Meet for the year 2020.  No. of Participant: 01	Gold medal :1
Long jump(W)	TANUVAS University Sports and Games Meet for the year 2020 and selected for the ICAR Sports and Games Meet for the year 2020.  No. of Participant: 01	Silver medal : 01
High jump (W)	TANUVAS University Sports and Games Meet for the year 2020 and selected for the ICAR Sports and Games Meet for the year 2020.  No. of Participant: 01	Gold medal : 01
100M	XX-ICAR All India Inter Agri Universities Sports and Games Meet – 2019-2020, Organized by Sri Venkateshwara Veterinary University, Tirupati, Andhra Pradesh No. of Participant: 01	Participation
Long Jump (M)	XX-ICAR All India Inter Agri Universities Sports and Games Meet – 2019-2020, Organized by Sri Venkateshwara Veterinary University, Tirupati, Andhra Pradesh No. of Participant: 01	Participation
Basketball (M)	XX-ICAR All India Inter Agri Universities Sports and Games Meet – 2019-2020, Organized by Sri Venkateshwara Veterinary University, Tirupati, Andhra Pradesh No. of Participant: 01	Participation
Long Jump (W)	XX-ICAR All India Inter Agri Universities Sports and Games Meet – 2019-2020, Organized by Sri Venkateshwara Veterinary University, Tirupati, Andhra Pradesh No. of Participant: 01	Participation
High Jump (W)	XX-ICAR All India Inter Agri Universities Sports and Games Meet – 2019-2020, Organized by Sri Venkateshwara Veterinary University, Tirupati, Andhra Pradesh No. of Participant: 01	Participation
Badminton	XX-ICAR All India Inter Agri Universities Sports and Games Meet – 2019-2020, Organized by Sri Venkateshwara Veterinary University, Tirupati, Andhra Pradesh No. of Participant: 01	Participation

Shot put	XX-ICAR All India Inter Agri Universities Sports and Games Meet – 2019-2020, Organized by Sri Venkateshwara Veterinary University, Tirupati, Andhra Pradesh No. of Participant: 01	Participation
Javelin Throw	XX-ICAR All India Inter Agri Universities Sports and Games Meet – 2019-2020, Organized by Sri Venkateshwara Veterinary University, Tirupati, Andhra Pradesh No. of Participant:01	Participation
Discus Throw	XX-ICAR All India Inter Agri Universities Sports and Games Meet – 2019-2020, Organized by Sri Venkateshwara Veterinary University, Tirupati, Andhra Pradesh No. of Participant: 01	Participation

# **Cultural Events organised**

Year	Name of the programme/event	Venue and Date	No. of students participated	No. of awards/Prizes distributed
2014-15	-	-	-	-
2015-16	Culturals "SAARAL" 2015-16" 10 Events	VCRI Tirunelveli 13.08.2015	111	30 Prizes
2016-17	Culturals "SAARAL" 2016-17" 10 Events	VCRI Tirunelveli 24.11.2016	120	30 Prizes
2017-18	Culturals "SAARAL" 2017-18" 10 Events	VCRI Tirunelveli 10.01.2018	133	30 Prizes
2018-19	Culturals "SAARAL" 2018-19" Ragavirundha 2019 15 Events	VCRI Tirunelveli 01.04.2019 to 02.04.2019	256	2 Awards 106 Prizes
2018-19	ICAR sponsored AGRI – UNIFEST 2018-19 National Level SAU / Veterinary University level cultural competitions	SADU, Gujarat 25.01.2019- 31.01.2019	3	Represented the TANUVAS team
	Tirunelveli Tamil association - Tirunelveli district college level tamil elocution competition	Tirunelveli 07.02.2020	1	3rd prize – Elocution B. Madhumitha

World Language Day	Tirunelveli	6	III Prize
celebrated by Nellai Pothigai Tamil Sangam	21.02.2019		P.Ranjith Fourth Year
ICAR sponsored AGRI – UNIFEST 2019-20 National Level SAU / Veterinary University level cultural competitions	IGKV, Raipur, Chhattisgarh 08.02.2020 to 14.02.2020	5	A. Dessosaa Manoj S. Sesanth varadhan T. Nisha Prabha B. Saranya S. Barathraj Five students from VCRI, Tirunelveli Represented the TANUVAS team
Regional Sheep Farmers Seminar Cultural programme	VCRI Tirunelveli 03.01.2020 & 04.01.2020	25	
TANUVAS PAAVENDHAR BHARATHIDASAN ENDOWMENT University level Competition	Madras Veterinary College, Chennai 14.02.2020 & 15.02.2020	09	3rd prize – Elocution P. Elavarasi 3rd prize – Poetry P. Ranjith
Inaugural function of VCRI, Chinnasalem Cultural programme	Chinnasalem 11.02.2020	45	
TANUVAS MVC College Day TANUVAS Orchestra	Madras Veterinary College, Chennai 28.02.2020	02	S. Sesanth varadhan S. Barathraj
VCRI Namakkal College Day TANUVAS Orchestra	07.03.2020	03	A. Dessosaa Manoj S. Sesanth varadhan S. Barathraj
Intercollege cultural feast FIZZOREE – FISFEST 2019-20	Fisheries College and Research Institute, Thoothukudi 05 & 06.03.2020	54	Participated
Cheran Memorial Shield - Individual Best Cultural Championship Of Vcri, Tirunelveli	VCRI Tirunelveli For the year 2019-20		S. V. NANDHITHA I YEAR
Cheran Memorial Shield - Individual Best Tamil Student Orator Of Vcri, Tirunelveli	VCRI Tirunelveli For the year 2019-20		B. MATHUMITHA IV Year
SYLVIA FERNCY AWARD FOR "Best English orator"	VCRI Tirunelveli For the year 2019-20		Unnati Singh I year
DELIN & JERIN AWARD for "Overall Cultural Championship Rolling Trophy" for the year	VCRI Tirunelveli For the year 2019-20		IV year B.V.Sc., 2016-17 Batch "Veeartz"

2019- 20 (up to March 2020)	Culturals SAARAL '2020 in the name "Vaagai 2020" 28 events	VCRI Tirunelveli 26.02.2020 to 28.02.2020.	330	4 Awards 139 Prizes
	ICAR sponsored AGRI – UNIFEST 2019-20 National Level SAU / Veterinary University level cultural competitions	IGKV, Raipur, Chhattisgarh 08.02.2020 to 14.02.2020	5	Represented the TANUVAS team
	FIZZOREE – FISFEST 2018	FCRI Thoothukudi 22.02.2018 & 23.02.2018	29	2 <sup>nd</sup> prize – Rangoli 1. S. Subhalakshmi, 2. E. Rini Irin Cyndhia, 3. R. Ananciya, 3 <sup>rd</sup> prize – Chart Painting N. Sivasubramani
	Tirunelveli District Level Competition For Golden Jubilee Year Of Tamil Nadu	TIRUNELVELI 25.06.2018	03	1st prize – Essay – Rs 5000/- 1. S. Gokul 2nd prize – Poetry Rs 3000/- 1. B. Sakthisivapriya
	Tanuvas Paavendhar Bharathidasan Endowment University Level Competition	MVC 06.07.2018 & 07.07.2018	04	1st prize – Poetry 1. B. Madhumitha 3rd prize – Poetry 1. C. Dhatchanamoorthi
	Tamil Development Department Tirunelveli District Level Competition	TIRUNELVELI 11.09.2018	03	B. Sakthisivapriya B. Madhumitha S. Gokul
	State Level Poetry Competition Conducted By Tamil Development Department At Tamil University, Thanjavur For Celebration Of Golden Jubilee Year Of Tamil Nadu	THANJAVUR 17.10.2018	02	B. SAKTHISIVAPRIYA - Poetry - 2 <sup>nd</sup> position and won CASH AWARD of Rs 25,000/- and four gram GOLD COIN
	Ugc Competition For 150 Years Celebration Of Father Of Nation Mahatma Gandhi	UGC, New Delhi 30.10.2018	21	Play -Participants 1. Dessosaa manoj, A 2. Pradeep, K 3. Divya Rajaselvi, N et al
	Ma. Po. C. Endowment "Thazhal" – Elocutions And Essay Writing Competition For College Students (State Level)	CHENNAI 19.01.2019	10	1st prize – Essay Writing 1. B. Madhumitha 2nd prize – Essay Writing 1. S.Gokul 3rd prize – Essay Writing 1. P. Elavarasi 3rd prize - Elocution 1. P. Elavarasi

ICAD Spangarad	GUJARAT	3	1. A. Dessosaa Manoj
ICAR Sponsored AGRI – UNIFEST 20 19 National Level SA Veterinary University Level Cultural Competitions At SAD GUJARAT.	18- U/ 25.01.2019- 31.01.2019	3	2. S. Sesanth varadhan 3. S. Barathraj Represented the TANUVAS team
National Institute Of Agricultural Extension Management (Manage National Essay Writing Competiti On "Agricultural Waste To Wealth	e) on	3	<ul><li>1.T. Miruthula</li><li>2. T. Nisha prabha</li><li>3. S. Deepika</li></ul>
Honorable Governor Chancellor's Medal For Republic Day "At Home" Celebration 20 At Mvc Chennai		2	S. Priyadharshini P. Pavithra
Kalnadai Ariviyal Tan Iyakkam	vCRI, TNI 28.01.2019	21	First prize winners 1. P. Elavarasi – Elocution 2. C. Dhatchanamoorthi - Poetry 3. T. Sandhiya - Essay
Tirunelveli Tamil Association - Tirunelveli District College Level Tamil Elocution Competition		1	2 <sup>nd</sup> prize – Elocution B. Sakthisivapriya
Fizzoree – Fisfest 201	9 FCRI Thoothukudi 21.02.2019 & 22.02.2019	29	3 <sup>rd</sup> prize – 3 minute to shine S.Sesanth Varadhan 3 <sup>rd</sup> prize – Chart Painting N.Sivasubramani
34 <sup>th</sup> Bharathiyar Ninaivuparisu Pottiga – Singing Competition 24.02.2019		1	SPECIAL CONSOLATION PRIZE K. Preethi
Cheran Memorial Shield - Individual Be Cultural Championshi Of Vcri, Tirunelveli			A. DESSOSAA MANOJ IV Year
Cheran Memorial Shi - Individual Best Tam Student Orator Of Von Tirunelveli	il 2018-19		B. MATHUMITHA III Year

# NSS

## **Structure of NSS**

St	ructure	
Position	Name and designation	Understand the community in which
Programme Co-ordinator		they work
Programme officer	Dr. T. Ravimurugan Associate professor and Head Since 06/03/2019	<ul> <li>Understand themselves in relation to their community</li> <li>Identify the needs and problems of</li> </ul>
Programme officer		the community and involve them in
Programme officer Programme officer		<ul> <li>problem solving process</li> <li>Develop among themselves a sense of social and civic responsibility</li> <li>Utilize their knowledge in finding practical solution to individual and community problems</li> <li>Develop competence required for group living and sharing of responsibilities</li> <li>Gain skills in mobilizing community participation</li> <li>Acquire leadership qualities and</li> </ul>
		<ul> <li>democratic attitude</li> <li>Develop capacity to meet emergencies and natural disasters and</li> <li>Practice national integration and social harmony</li> </ul>

# **NSS Activities**

Year	Name of the programme/activities	Venue and Date	No. of students participated
2018-19	<ul> <li>Cancer prevention and early detection</li> <li>Eye screening and Diabetic Screening Camp</li> <li>Fourth International Yoga Day Celebrations</li> <li>Blood cancer and blood stem cell donation</li> </ul>	<ul> <li>VCRI, Tirunrlveli, 10/12/2018</li> <li>VCRI, Tirunelveli on 21/03/2018</li> <li>Fourth International Yoga Day Celebrations at VCRI, Tirunelveli on 21/06/2018</li> <li>VCRI, Tirunelveli 26/06/2018</li> </ul>	50
2019-20	<ul> <li>My Vote My Right – Awareness         Programme</li> <li>General Health Camp</li> <li>Ram Show</li> <li>ARV vaccination to native dog         breeds</li> <li>International Yoga Day Celebrations</li> <li>Blood Donation Camp</li> <li>NSS Jal Sakthi Abiyan</li> <li>District level JSA programme</li> <li>First Year B.V.Sc., &amp; A.H. students         orientation programme at</li> <li>Leadership motivation and</li> </ul>	VCRI, Tirunelveli on 08/04/2019 Uganthanpatti on 06/06/2019 Uganthanpatti on 07/06/2019 Uganthanpatti on 08/06/2019 VCRI, Tirunelveli on 21/06/2019 VCRI, Tirunelveli 02/07/2019 Vannikonenthal on 24/08/2019 Sankarankoil on 03/09/2019 VCRI, Tirunelveli on 10/10/2019 VCRI, Tirunelveli on 08/11/2019 VCRI, Tirunelveli on 18/11/2019 Uganthanpatti from 04/06/2019 to 10/06/2019	200
	<ul> <li>personality development at</li> <li>Tree plantation in VCRI Campus in commemoration of VOC death Anniversary</li> </ul>		66
	Special Camp		240

# CFDT, Koduvalli

## **NSS** Activities

Year	Name of the programme/activities	Venue and Date	No. of students participated
2014-15	Awareness programme on AIDS control and Sexual Education Blood donation camp Guest Lecture Global Warming National environmental awareness campaign  • Two sessions for students • Wall posters on International year of soil • Field visit	CFDT, Koduvalli 07.08.2014 Tiruvallur, 12.11.14 CFDT, Koduvalli 29.10.14 CFDT, Koduvalli 23.02.2015	
2015-16	World Environment Day	CFDT, Koduvalli	20
	Blood donation	05.06.2015 Mogappaire on 20.01.2016 CFDT, Koduvalli on	5
	Library arrangement campaign  Channel Good relief.	07.01.2016 Vyasarpadi 02.12.2015 14.08.2015 and 15.08.2015	20
	<ul><li>Chennai flood relief</li><li>Independence day Celebrations</li></ul>	14.08.2015 and 15.08.2015 14.10.2015	15
	Debate on Need of the hour in India: Food safety / Food	26.01.2016	8
	Security'  Republic day Celebrations  Red Ribbon Club interaction	11.03.2016	15
	session program		45
2016-17	<ul><li>Library arrangement campaign</li><li>Cleaning of playground</li></ul>	07.01.2016	20
	Blood donation	09.01.2016; 22.02.2016- 29.02.2016 Frontier Life line Hospital,	45
	RRC interactive session	Mogappaire – 20.01.2016 11.03.2016	5
	Blood grouping cum Donation Awareness Camp	15.02.2017	45
	Special camp		50
	Panel discussion on 'Social issues in the nearby villages'	Guruvoyal, 24.03.2017 to 30.03.2017	50
	Awareness programme on 'Snake and Insect Bite'		46
	<ul><li>Aids awareness campaign</li><li>Cleaning of hostel premises</li></ul>	29.03.2016	80
	Swacch Bharat Campaign	23.04.2016	80
		22.10.2016	50

2017 10		1= 00 = 01= GPP =	
2017-18	Aids awareness pledge	17.08.2017,CFDT	
	<ul> <li>mass contact programme</li> </ul>	25.01.2018	
	• tree plantation	18.04.2018	
	• Health and hygiene is the real	25.09.2017	
	wealth		
	<ul> <li>Deworming campaign</li> </ul>	16.02.2018	
	Tree Plantation Campaign	25.09.2017	
	Tree Plantation Campaign	16.03.2019	
	• "Health and hygiene is the real	06.03.2019 and 13.03.2019	
	wealth		
	Health camp	02.02.2019	102
	Aids awareness campaign	17.12.2018	
2019-20	My Vote My Right – Awareness	VCRI, Tirunelveli on	200
	Programme	08/04/2019	
	General Health Camp	Uganthanpatti on	
		06/06/2019	
	Ram Show	Uganthanpatti on	
		07/06/2019	
	ARV vaccination to native dog	Uganthanpatti on	
	breeds	08/06/2019	
	International Yoga Day	VCRI, Tirunelveli on	
	Celebrations	21/06/2019	
	Blood Donation Camp	VCRI, Tirunelveli	
	NSS Jal Sakthi Abiyan	02/07/2019	
	District level JSA programme	Vannikonenthal on	
	• First Year B.V.Sc., & A.H.	24/08/2019	66
	students orientation programme	Sankarankoil on 03/09/2019	
	at	VCRI, Tirunelveli on	
	Leadership motivation and	10/10/2019	
	personality development at	VCRI, Tirunelveli on	
	Tree plantation in VCRI Campus	08/11/2019	240
	in commemoration of VOC death	VCRI, Tirunelveli on	_
	Anniversary	18/11/2019	
	Special Camp	Uganthanpatti from	
	-r	04/06/2019 to 10/06/2019	
		04/06/2019 to 10/06/2019	

# **Cultural Events**

Year	Name of the programme/event	Venue and Date	No. of students participated	No. of awards/Prizes distributed
2014-15	<ul> <li>Cultural Programme         Week</li> <li>College Day / Hostel         Day / Sports day</li> </ul>	03.10.2015 to 09.10.2015 14.10.2015 CFDT, Koduvalli	120	
2015-16	• PonFIMA -2016	30.03.2016 at Fisheries College & Research Institute, Ponneri	22	S. Varsha and M. Savithra - first prize in duet singing, G. Subash -second prize in solo singing and six students viz., S. Pugazhendhi, A. Bazeer Ahamed, A. Gideon, G. Subash, T. Achutharamand K. Manojkumar -second prize in ADAC

2016-17	Cultural Programme	03.03.2017 to	120	
2010-1/	Week	09.03.2017 to	120	
	College Day / Hostel	11.03.2017		
	Day / Sports day	CFDT, Koduvalli		
	celebration			
2017-18	Cultural Programme	08.12.2018 and	120	
	<ul><li>Week</li><li>College Day / Hostel</li></ul>	14.12.2018 22.12.2018		
	Day / Sports day	22.12.2016		
2018-19	World milk day	8 <sup>th</sup> June 2019	10	
2010 19	Quiz competition and	0 04110 2019	10	
	e poster competition			
	on the topic "Milk			
	as a versatile diet for healthy life"			
	• 12 <sup>th</sup> National Dairy	6 <sup>th</sup> September		
	and Food Quiz	o septemen		
	16 <sup>th</sup> National Dairy	7 <sup>th</sup> September		
	Products judging	conducted by		
	contest	SMC College of		
		Dairy Science, ANAND, Gujarat		
	PONFIMA conducted	Tit (Tit (D), Gujurut		
	by Fisheries and	22. 03. 2019	22	16 students won prizes
	Research Institute			
	• FOOD SURE 2019	Loyola College		
		14. 08. 2019	8	Four students won prizes
		27th 120th		
	• Innovation in Food Products Development	27 <sup>th</sup> and 28 <sup>th</sup> September 2019	6	Three III year students won III prize
	Troducts Development	SRM University	O	One II year student won 2 <sup>nd</sup>
	Workshop on Food	Indian Institute		place in singing competition
	Processing and	of Plantation and	6	
	Business Management	Management		
	• Bueno Festa 2.0	on 19 <sup>th</sup> and 20 <sup>th</sup> December 2019		
		18 <sup>th</sup> to24 <sup>th</sup>		
	Cultural week was	November 2019		
	celebrated	CFDT, Koduvalli	120	
	Agriculture Education	03. 12. 2019		
	Day – 2019	Government	120	
		High School,		
		Old Alamathy, Thiruvallur		
		1 IIII uvailuf		

# Participation of Students in Sports and Games

Name of	Le	Award / Recognition				
the Sport	University	Zonal	National	University	Zonal	National
Hockey	Dr. Porchezian Trophy 2018 Dr. Porchezian Trophy 2019	SDAT state level inter- university 2016	South zone (AIU) interuniversity 2016 Inter University Hockey Tournament 2018	I Prize  Player of the Tournament	-	-
Foot Ball	-	SDAT state level inter- university 2016	-	-	-	-
Gymnastic	-	State level gymnastic championship 2016	-	-	II Prize	-
Volley Ball	Inter Professional volley ball tournament 2018	SDAT – TANUVAS Inter University 2018	-	-	-	-
Soft Tennis	-	-	16 <sup>th</sup> Senior National Soft Tennis Championship 2019	-	-	-
Cricket	-	-	AIU-South Zone University Cricket Tournament 2019	-	-	-
Net Ball	-	5th Senior State Netball Championship Tournament 2019	-	-	III Prize	-

# CPPM, Hosur

# **NSS Activities**

Structure		Objectives/ Functions of NSS (in bullets)	
Position	Name and designation	<ul> <li>i) Understand the community in which they work;</li> <li>ii) Understand themselves in relation to their community;</li> <li>iii) Identify the needs and problems of the community and involve in problem solving process;</li> </ul>	

Programme Co-ordinator	-	iv) Develop among themselves a sense of social and civic responsibility; v) Utilize their knowledge in finding practical solution to
Programme officer	Dr. Ramesh, J., Ph.D., Professor and Head, Dept. of Poultry Business Management	individual and community problems; vi) Develop competence required for group-living and sharing of responsibilities; vii) Gain skills in mobilizing community participation; viii) Acquire leadership qualities and democratic attitude; ix) Develop capacity to meet emergencies and natural disasters and; x) Practice national integration and hormony.

Year-wise activities of NSS		
Year	Activity (add rows as required)	Outcome/benefit for student development
2016-17	NSS Special Camp at Ramachandram Village between 31.03.2017 and 06.04.2017	A total of 23 NSS volunteers (18 Boys and 05 Girls) attended the Camp. The Theme of the Special Camp was "Management of Agriculture and Animal Husbandry in acute draught condition". During the Special Camp, Pulse Polio vaccination campaign, yogasana practice, awareness programme on "proper use of micro-irrigation techniques", Tree Plantation programme, Poultry vaccination programme, Veterinary camp, demonstration on Fire Safety and white washing of Primary school building were conducted. To understand the local flora and fauna existing in and around Ramachandram village, the NSS volunteers performed trekking.
2017-18	3 <sup>rd</sup> International Day of Yoga – 2016 was conducted on 21.06.2017	Thiru C. Yogi Vilakshanananda, Yoga Instructor, trained the students and staffs about various Yogasanas. The importance of Yogasanas in day to day life was explained a group of 5 dignitaries from Temple of Consciousness, (ManavalaKalaiMandrum), Hosur. Dr. T.T. Shanmugavelu, of Hosur detailed the anatomical and physiological aspects of Kaya Kalpa Practice, a special technique in Yoga to keep oneself healthy. A Quiz competition was conducted to assess the awareness about Yoga among the students and prizes were distributed.
	Swachhta Pakhwada from 1 <sup>st</sup> to 15 <sup>th</sup> September, 2017	During this period, a host of events and various activities were organized to create awareness about the importance of sanitation and hygiene to the students and staffs of the college.  Clean and green campus day, Clean hostel and mess day programmes were organized wherein several tree samplings were planted in and around the college premises.  The college students visited various places at Hosur such as Uzhavar Sandy, villages like Gopanapalli and Mudhuganapalli where they campaigned on the theme "Awareness on safe disposal of Household wastes" to the general public and school students. Further, a programme on "Awareness on segregation and disposal of biomedical wastes and importance of blood donation" were conducted at the Government Hospital, Hosur for inculcating the importance of hygienic measures to the public.  Various competitions such as essay writing and elocution competitions were organized at the college on the theme of "Innovative ways for spreading the message of hygiene" and "Health and hygiene is real wealth" respectively, with an overwhelming response from students. The winning entries were awarded with prizes.

	An Awareness	NSS volunteers students and staffs of CDDM. Hagur ware handfitted	
	Programme on Road Traffic and Safety on 01.08.2017.	NSS volunteers, students and staffs of CPPM, Hosur were benefitted.	
	World Egg Day- 2017on 13-10-2017, at Government General Hospital, Hosur.	Dr. K. Mani, Dean, explained the nutritional benefits of egg consumption over milk, vegetables and fruits; and informed that even consumption of two eggs every day will not cause any harm to human health. Dr. Geetha, Medical Officer, Government Hospital, Hosur, delivered the special address and explained the importance of egg during illness and recovery period.  The NSS volunteers, students and staff of CPPM, Hosur distributed two boiled eggs to each and every inpatients, outpatients and their attendants in Government General Hospital, Hosur by explaining the importance of egg consumption for normal health. During the awareness programme, pamphlets in Tamil on the benefits of egg were also distributed.	
	Awareness on Postal Saving Scheme on 19.11.2017	NSS volunteers and students of CPPM, Hosur were benefitted.	
	Awareness on World Aids day on 01.12.2017	NSS volunteers and students of CPPM, Hosur were benefitted.	
	Blood Donation Camp was organized on 10.01.2018	During the camp, 53 units of blood was voluntarily donated by students and faculties.	
	NSS Special Camp at Gopanapalli	NSS volunteers planted 80 tree saplings. Participated in the Veterinary camp Poultry vaccination given against RD.	
2018-19	World Environment Day, 2018on 5 <sup>th</sup> June, 2018	Forty tree saplings were planted in the CPPM Campus by the NSS volunteers.	
	International Day of Yoga – 2018on 21.06.2018	NSS volunteers and Students of College of Poultry Production and Management, Hosur performed different yogasanas followed by meditation.	
	World Rabies Day – 2018	Dr. J. Ramesh, NSS Programme Officer and Associate Professor, explained the importance of Rabies vaccination for their pet dogs and also post bite management of patients. Dr. K. Chinnasamy, Clinician, Clinician Centre, Veterinary Hospital, Hosur made the propaganda about the campaign and conducted the vaccination campaign successfully. During this campaign 15 beneficiaries were benefitted by having their pet dogs (total 20 nos.) vaccinated against Rabies. In addition an awareness programme was also conducted at Gopanapalli village, Hosur Block, Krishnagiri Dist.	
	150 <sup>th</sup> Birth Year Celebrations of Mahatma Gandhi – Swachha Bharat Mission – Swatchta Pakhwada, 2018	t) Zero tolerance to dust and filth.  t) Cleanliness of Class rooms, Labs, etc.  tt) Ensuring purity of drinking water  tω) Improving toilet facilities  ω) Rain Water harvesting plant  ω) Environment friendly measures - Tree plantation (42 nos.) under  "One Student One Tree" programme for 2017-18 batch B.Tech.  (PT).	

	Awareness and Pledge on Ban on One time use and throw away plastics on 09.10.2018	NSS volunteers, students and staffs of CPPM, Hosur were benefitted.
Ceremony of taking Pledge for National Unity Day and Integrity pledge for Citizens on 31.10.2018		NSS volunteers, students and faculties of CPPM, Hosur took pledge against one-time use plastics.
	NSS Special Camp at Kalukondapalli panchayat	NSS volunteers created 12 Rain water harvest plants.
2019 (up to 30.11.2019)	5 <sup>th</sup> International Day of Yoga (IDY-2019) on 21.06.2019	NSS volunteers and Students of College of Poultry Production and Management, Hosur performed different yogasanas followed by meditation.
	Swachtha Pakewada  – Plastic waste free Campus	NSS volunteers and Students of College of Poultry Production and Management, Hosur, collected the plastic waste from Hostel, College and Farm premises.  The collected wastes were handed over to Mathigiri Municipality, Hosur.
	Tree Plantation done	Under "One Student – One Tree" programme, 450 tree saplings were planted.
	Vigilance awareness pledge on 28.10.2019	NSS volunteer and students of CPPM, Hosur took pledge on Vigilance awareness.

# **Cultural events**

Year	Name of the programme/ event	Venue and Date	No. of students participated	No. of awards/ Prizes distributed
2016-17	Annual College, Hostel and Sports Day	CPPM,Hosur 19.02.2017		
2017-18	Annual College, Hostel and Sports Day	CPPM,Hosur 15.02.2018		
2018-19	Annual College, Hostel and Sports Day	CPPM,Hosur 10.04.2019		

# Participation of Students in Sports and Games

Year	Name of the event	Level of participation*	Award/Recognition*
2015-16	TANUVAS Silver Jubilee Inter Collegiate Sports Tournament, Madras Veterinary College, 3 <sup>rd</sup> and 4 <sup>th</sup> July 2015	30 students	
2017-18	1st national level Inter-Zone rural games 2017-18 held at Nevasa District, Maharashtra from 15th – 17th December 2017	K. Vijay Anand participated	K. Vijay Anand, bagged gold medal for JUDO in 60 Kg category
	• 4th Rural Games Federation cup – 2018 held from 19th - 21st January 2018	• N.T. Shiva participated	N.T. Shiva, won Silver medal for boxing 60 Kg category

	• Inter-Agricultural sports meet held Bengaluru(USAB) from 30.01.2018 to 03.02.2018		
2018-19	<ul> <li>II South zone Rural Games 2018-19 from 19-20th May 2018</li> <li>IV State Rural Games 2018 held from 18th- 19th August 2018</li> <li>VIII National Rural Games held from 30th November to 2nd December 2018</li> <li>1st Inter Zone The Panchyat Yuva Krida Aur Khel Abhiyan (PYICKA) Games – 2019 held from 11th to 13th January 2019</li> <li>All India Inter university Judo championship held at Ludiana, Punjab</li> <li>All India Inter university Ball badminton championship held at Chennai, 13th to 14th December 2018</li> </ul>	<ul> <li>N.T. Shiva participated</li> <li>N.T. Shiva participated</li> <li>N.T. Shiva participated</li> <li>P.Bharathi Raja participated</li> <li>K. Vijay Anand participated</li> <li>V. Niranjan, participated</li> </ul>	<ul> <li>N.T. Shiva, Gold medal</li> <li>N.T. Shiva, Gold medal</li> <li>N.T. Shiva, Gold medal</li> <li>P. Bharathi Raja participated and won GOLD medal for boxing</li> <li>K. Vijay Anand, in 60 kg category</li> </ul>

**6.6.6.3. Health Facilities:** Provide the brief information about medical facilities available in the head quarter and off-campuses. A brief about Health Insurance scheme being implemented at the University may be provided.

Tamil Nadu Veterinary and Animal Sciences University follows the Tamil Nadu state implementation of the New Health Insurance Scheme through the Star Health and Allied Insurance Company Limited, from 03.06.2008.

A monthly subscription under the New Health Insurance Scheme of all the employees is Rs.25 /- per month commenced from the salary payable for the month of June 2008. The enrolment of the employees under the New Health Insurance Scheme is compulsory.

The family members of the employees are also covered under the scheme: (i) legal spouse of the employee; (ii) Children of the employee - till they get employed or married or attain the age of 25 years whichever is earlier and dependent on the employee; (iii) the parents of the Employee, in the case of unmarried employee until the employee gets married

The New Health Insurance Scheme is implemented through the Director of Treasuries and Accounts, Chennai-15. The Star Health and Allied Insurance Company Ltd., arranges to issue Identity Cards to the employees covered

The employees and / or the members of the family of the employee eligible for assistance under the New Health Insurance Scheme can get admitted in any one of the hospitals covered under the scheme as per list of hospitals notified by the Star Health and Allied Insurance Company, by production of the identity card issued by the insurance company or by production of the certificate as in annexure III issued by the Pay Drawing Officer which will be valid upto issue of identity card by the insurance company as the case may be

The insurance company shall ensure that such patients who are eligible under the scheme are given treatment in the hospitals notified for the purpose upto the limit of Rs.2.00 lakhs over a period of 4 years commencing from the date of implementation of the scheme. The benefit will be on floater basis i.e. the total coverage upto Rupees two lakhs can be availed of individually or collectively by members of the Family

during the block of four years from the date of commencement of the scheme with no restriction on the number of times the benefit is availed.

The beneficiary under the scheme will not have to make any payment to the hospital upto the above limit. The hospitals notified under the scheme shall extend treatment to the beneficiaries under the scheme on a cashless basis.

The coverage will include the cost of medicines, laproscopic or open surgeries, doctor and attendant fees, room charges, diagnostic charges, dietary charges availed in the approved hospitals. Transport charges shall be excluded. The coverage shall also include pre-existing illness if any.

Any complaint about any difficulty in availing treatments, non-availability of facilities, bogus availment of treatment for ineligible individuals, etc., shall be submitted to the Joint Director of the Medical and Rural Health Services Department at the District Head Quarters.

#### MVC, Chennai

#### Student Health Insurance

A total of 3232 students had availed insurance from state and central governments as well as University and private sponsors, worth 634.05 lakhs from 2014 -2019.

#### **Group insurance schemes**

All students and their parents are covered under group insurance scheme from the day they register as students in the college. The insurance cover is for health related reasons as well as loss caretakers and is renewed automatically until their tenure as students. Three students had received insurance worth 2.98 lakhs for hospitalization expenditure as well as loss of both parents

#### **Health Camps for students**

- ❖ Free Eye Check-up Camp was conducted on 11.09.2014 at Madras Veterinary College in collaboration with M/s. Vasan Eye care, Chennai. About 120 students and staff of Madras Veterinary College benefited through the programme
- Free Dental Check-up Camp was organized at Madras Veterinary College in collaboration with Dr. Arun, Practising Dentist, Chennai. About 180 students and staff of Madras Veterinary College were benefited

#### Physical Fitness programmes for students

S. No	Year	Name of the Programme	Venue and date	Resource person	No. of Students participated
1	2014-15	Student Warm up and fitness	MVC Weekly 3 days	Dr.K.Shanthi Deputy Director of Physical Education	45 to 50
2	2015-16	Student Warm up and fitness	MVC Weekly 3 days	Dr.K.Shanthi Deputy Director of Physical Education	45 to 50
3	2016-17	Student Warm up and fitness	MVC Weekly 3 days	Dr.K.Shanthi Deputy Director of Physical Education	45 to 50

4	2017-18	Student Warm up and fitness	MVC Weekly 3 days	Dr.K.Shanthi Deputy Director of Physical Education	45 to 50
5.		Yoga	MVC July 20 <sup>th</sup> to 22 <sup>nd</sup> , 2018	Mrs Sivagami Yoga Instructor	50
6.	2018-19	Student Warm up and fitness	MVC Weekly 3 days	Dr.K.P.Saravanan Assistant Director of Physical Education	45 to 50
7.	2019 up to 30.11.2019	Student Warm up and fitness	MVC Weekly 3 days	Dr.S.Ezhilarasi Assistant Director of Physical Education	45 to 50

#### VCRI, Namakkal

#### **Insurance schemes for students and parents**

Year	Agency	Number of students & parents insured	Total Premium paid (Rs. In lakhs)
2015 -16	The Oriental Insurance Company	876 members	1.53
2016 -17	The Oriental Insurance Company	758 members	1.32
2017 - 18	The Oriental Insurance Company	784 members	1.32
2018 -19	The New India Assurance	806 members	1.38
2019 -20	The Oriental Insurance Company	956 members	1.64

The scheme covers Rs. 1,00,000 for hospitalization and Rs.5,00,000 for partial or total disability of students /loss of earning parent.

## VCRI, Tirunel veli

Students are insured with Oriental Insurance Company Ltd, Tirunelveli by paying a premium of Rs (including GST) per student. The salient features of this insurance policy are as follows:

**PA cover to student:** Death - Rs.5 lakhs, Loss of two limbs & two eyes or one limb and one eye Rs. 5 Lakhs, PTD apart from the above Rs. 5 lakhs.

Accidental Expenses: Hospitalization as In patient: Rs 1,00,000-/-

Pre & post hospitalization (10 days): Rs 5,000/-

Outpatient treatment with excess of Rs.250-/- provided the hospitalization is made within two weeks: Rs.1000-/-

**Fees:** If student could not appear in his final exam due to accident and has to pay tuition fee/exam. Fee subject to proof up to Rs.75000/-

**PA cover to parents** (Earning head of the family) Death or disablement of named earning parent under PA table I A Rs.5,00,000/-

This cover is for the student's activities including to & fro to college, Sports & allied events, Camps & Tours, Volunteers programmes organized by the college/ University.

#### **Student Health insurance**

All the undergraduate Students of this college are being covered under the students group insurance scheme throughout their study period including their internship.

Year	Agency	No. of students insured	Total premium paid (Rs.)
2015-16	Oriental Insurance Company Limited	168	58,800
2016-17	Oriental Insurance Company Limited	188	65,800
2017-18	Oriental Insurance Company Limited	228	79,800
2018-19	Oriental Insurance Company Limited	270	94,500

**Student health card** - Regular health camps are conducted every year for students and status of health and illness and is recorded monitored

Name of the facility	Indoor/Outdoor	No. available	No. of students who can participate at one time	Other facilities/ amenities present (air conditioning, etc)
Student health insurance	Outdoor	All Students	All students	-
Doctors visit to Students hostel (twice in a week)	Indoor	For Hostel Students	All	Clinic with bed (one) facility along with availability of first aid medicines and fluids

# Physical fitness programme for students

Year	Name of the programme	Venue and Date	No. of students participated
2014-15	-	-	-
2015-16	International day of Yoga	21.06.2016	231
2016-17	-	-	-
2017-18	-	-	-
2018-19	-	-	-
2019-20 (up to March 2020)	International Yoga Day Celebrations	21.06.2019	310

# VCRI,Orthanadu

#### **Health Facilities**

Name of the facility	Indoor/ Outdoor	No. available	No. of students who can participate at one time	Other facilities/ amenities present (air conditioning, etc)
Gym	Indoor	1	20	Ventilated Resting room
				facility

# Physical fitness programme for students conducted

Year	Name of the programme	Venue and Date	No. of students participated
2014-15			
2015-16			
2016-17	National Youth Day Celebrations in the name of "ILANGATHIR 2017"	10.01.2017, 11.01.2017 and 12.01.2017.	124

2017-18			
2018-19	A health camp for Eye checkup for the students	VCRI Orathanadu 23.01.2019	174
	General health checkup camp was organised in collaboration with K.G.Multispeciality hospital, Thanjavur	VCRI Orathanadu 06.03.2019	146
2019- 20	A Yoga session for the college students at the premises of the	Brahadeeswarar Temple, Thanjavur 20.06.2019	55
	Common Yoga Protocol was performed by students of this Institute on the International Day of Yoga	VCRI Orathanadu 21.06.2019	62
	Dengue prevention, control and awareness	Veterinary College and Research Institute, Orathanadu (09.11.2019)	300

#### **Student Health insurance**

All the undergraduate students of this college have been covered under the students group insurance scheme at the rate of Rs.350/- per student throughout their study period including their internship.

Year	No. of students insured	Total Insurance (Rs.)	Insurance company
2014-15	120	42,000	New India Assurance Co
2015-16	180	63,000	New India Assurance Co
2016-17	240	84,000	New India Assurance Co
2017-18	250	87,500	New India Assurance Co
2018-19	320	1,15,000	The Oriental Insurance Co

#### CFDT, Koduvalli

## CPPM, Hosur

#### **Student Health insurance**

All the undergraduate Students of this college are being covered under the students group insurance scheme throughout their study period including their In-plant training. All the students were insured in The New India Assurance Co. Ltd. Namakkal by paying a premium of Rs. 345.38 (including GST) per student. The salient features of this insurance policy are as follows:

**PA cover to students:** Accidental death to students - Rs.6,00,000/- Medical expenses per student - Rs. 1,20,000/-

**PA cover to parents** (Earning head of the family) Death or disablement of named earning parent under PA table I A Rs.5,00,000/-

The scheme covers Rs.1.2 lakh for hospitalization, Rs. 6.0 for accidental death of student and Rs. 5.0 lakh for partial or total disability of students/ loss of earning parent

Year	Agency	No. of students and parents insured	Total premium paid (Rs. In Lakhs)
2017-18	The Oriental Insurance Co.Ltd.	71	0.25
2018-19	The Oriental Insurance Co.Ltd.	86	0.31
2019-20	The New India Assurance Co.Ltd.	95	0.33

**6.6.6.4. Sports and Cultural Facilities:** Give detailed report of sports and games facilities and auditoriums available for cultural events.

# MVC, Chennai

# **Sports facilities**

	the facility (add rows if necessary)	No. of students who can participate at any one time	Other facilities and amenities present (air-conditioning, etc)
Indoor	Shuttle playground	4 Students	
Indoor	Gymnastic	10 Students	
Outdoon	Basketball court	12 Students	
Outdoor	Volley ball court - 2	12 Students/Court	

Name	of the facility (add rows if necessary)	No. of students who can participate at any one time	Other facilities and amenities present (airconditioning, etc)
Indoor	Indoor Gym 1. Tread mill 2. Cross Trainer 3. Upright cycle 4. Weight lifting 5. Bull worker 6. Indoor Table Tennis Hall with 2 TT Tables	20 students for Gym 4 to 10 students for Table tennis	No air conditioning
	Indoor Gym  1. Weight lifting facilities  2. Bull worker  3. Indoor Shuttle Badminton Court	20 students for Gym 4 to 10 students for Shuttle Badminton	No air conditioning
	Indoor Carrom	4 to 8 people	No Air conditioning
Outdoor	Cricket Nets and Play field	30 students	Long Jump and High
	Hockey Play field	30 students	Jump facilities available
	Football Play field	30 students	Triple jump  Movable volleyball court
	Volleyball court	20 students	for girl students
	Kabaddi court	20 students	Movable Ball Badminton
	200m Athletic track	30 students	court for boys and girls
	Field Track for javelin, Discus and Shotput	20 students	

#### Auditorium

S.No	Name	Space in Sq.m	Facilities available	Seating capacity
1.	Anna Auditorium	780.50 M <sup>2</sup>	Audio system, HVAC, Fire protection	966 Nos.
2.	Conference Hall	216.13 M <sup>2</sup>	Audio & Visual, Air-conditioned	155 Nos.
3.	Swaraj Hall	93.94 M <sup>2</sup>	Audio & Visual, Air-conditioned	52 Nos.

#### MVC CENTENARY MUSEUM MAINTAINED BY BIOINFORMATICS CENTRE

#### i. Exhibition hall and museum

★ Madras Veterinary College Centenary Museum was inaugurated on 6<sup>th</sup> July, 2003 during World Veterinary Year

### 11. Category and number of exhibits present

To show the various achievements of departments following exhibits were present:

LED Panel Board - 1 No.
 Acrylic Boards - 57 Nos
 Specimens - 4 Nos

❖ 2 pillar displays - 16 Nos (8 + 8)

Eggs of Emu, Ostrich etc.. - 9 Nos
Kit - 1 No.

❖ Microscope III Carl Zeiss - 1 No❖ Map (INDIA) - 1 No.

♦ 4k65" LED TV with trolley - 2 Nos

❖ Skeleton of Elephant - 1 No.

#### iii. No. of visitors - 239

#### iv. Impact of museum and exhibits present

- ❖ MVC Centenary Museum has good collection of charts and displays depicting historical events of MVC.
- History, development, and scientific achievements of various of departments of MVC.

#### VCRI,Namakkal

Name o	f the facility (add rows if necessary)	No. of Courts Available
	Badminton Court synthetic	01 No's
	Table Tennis Board	12 No's
Indoor	Carrom Board	12 No's
	Chess Mat with Coins	40No's
	Fitness Centre (Gym)	40No's
	400 M Standard Athletics track & Field	01No
	Football Court	01No
	Cricket Play Field	01No
Outdoor	Kho-Kho Court	02 No's
	Ball Badminton Court	01No
	Kabaddi Synthetic Mat	02Nos
	Volley ball Court with Flood Light	02No's

Badminton Court with Flood Light	01No's
Tennikoit Court	01No
Throwball Court with Flood Light	01No
Gymnastic Parallel Bar	01 Set
Gymnastic Horizantal Bar	
Tennis Court	01No
Netball Court	01No
Basket Ball Court with Flood Light	02No's
Handball Court	01No
Cricket Net Practice	02No's

#### **Auditorium Facility**

The college has one auditorium which was constructed in the year 2017 with capacity of 500 persons. This auditorium is utilizing college and hostel day celebrations. Apart from that, regularly using for inaugural and valedictory function of conference / symposium / workshop.

#### **Cultural** centre

A separate air conditioned cultural centre measuring 3600 sq ft (100 x 36 ft) with a capacity to accommodate 500 students has been established in this campus in the year 2001. The centre has public address system, audiovisual aids, stage, podium, rest room and cubicle for refreshing. This centre is effectively used for conducting student's cultural events during college annual day, agricultural education day, literary competitions, quiz competition in various disciplines of Veterinary Science. In addition, the centre is also utilized for organizing orientation programme for freshers, health camp for students, and faculty meeting.

# VCRI,OND Sports facilitities

Name (	of the facility (add rows if necessary)	No. of students who can participate at any one time	Other facilities and amenities present (air-conditioning, etc)
Indoor	Ball Badminton	32	Flood light and rest rooms facilities are
muooi	Badminton	16	available
	Cricket	30	
	Foot Ball	30	
	Volley Ball (Both men and women) (4 Nos)	20	Flood light facility is
Outdoor	Ball Badminton (Both men and women) (2 Nos)	4	available round the clock.
	Badminton (Both men and women) (6 Nos)		
	Kho Kho (Both men and women)	30	
	Kabadi(Both men and women)	40	
	400 mts Standard Track& Field	8	

# **Auditorium Facility**

Name (Auditorium/ conference hall/ etc)	Year of construction	Space (Sq.m)	Facilities available (Audio- visual aids/ air- conditioning/etc)	Frequency of usage:	Seating capacity
Multipurose hall/ Auditorium	2011	412.00	Yes	Twice a month	400

# VCRI, Tirunelveli

Sports facilities	:			
Name of the facility		No. of stude who can participate at one time		Other facilities and amenities present (air-conditioning, etc)
Indoor				
Badminton		8		Flood light facility is available
Carrom		24		
Chess		24		
Table tennis		4		
Outdoor		<u> </u>		
Ball Badminton court		10		
Cricket oval		22		
Cricket nets		15	Flo	ood light facility is available for practicing
Football field		22		
Kabaddi court		14		
Kho-Kho court		18		
Tennikoit court		4		
Throw ball court		18		
Volley ball court with fence		24		Flood light facility is available
400 metres standard track		l students can ize the facility		
Long jump arena		pers can utilize the facility		
Shot put arena	l .	hrowers can ize the facility		
Discus throw arena	l .	hrowers can ize the facility		
Javelin throw arena	l	hrowers can ize the facility		
Triple jump arena		pers can utilize the facility		

# **Auditorium facility**

Name (Auditorium/ conference hall/ etc)	Space (Sq.m)	Facilities available (Audio- visual aids/ air-conditioning/etc)	Seating capacity
	28.50x10m=285Sq.m	Podium- 1no	Audience-265
Auditorium	With	Projector with screen-1 no	nos
	Toilet = $27.81 \text{ Sq.m}$	Air conditioners -9nos	Stage-20nos
		Air conditioning- 2nos	
		LED TV-1no	Audience-25
G f 1 - 11	0.45 6.00 56.70	Desktop computer-1no	nos
Conference hall	$9.45 \times 6.00 \text{m} = 56.70$	Projector with screen-1 no	Stage-40nos

# **Cultural center**

Year	Events and programmes conducted (eg. Inter-class, inter-college, etc, add rows if needed)	Type of programmes conducted during the event	Total number of awards/ prizes distributed
2014-15	Literary and Cultural Programmes	10 (Elocution, Essay writing, Painting, Dancing, singing etc)	70 prizes
2015-16	Literary and Cultural Programmes	10 (Elocution, Essay writing, Painting, Dancing, singing etc)	70 prizes
2016-17	Literary and Cultural Programmes	10 (Elocution, Essay writing, Painting, Dancing, singing etc)	70 prizes
2017-18	Literary and Cultural Programmes	10 (Elocution, Essay writing, Painting, Dancing, singing etc)	70 prizes
2018-19	Literary and Cultural Programmes	17 (Elocution, Essay writing, Painting, Dancing, singing etc)	106 prizes and 2 awards
2019 up to 30.11.19	Literary and Cultural Programmes	28 (Elocution, Essay writing, Painting, Dancing, singing etc)	139 prizes and 4 awards

# CFDT,Koduvalli

# **Sports facilities**

Sl. No.	Games and Sports	Equipment and Infrastructure available	Adequate/Inadequate
1.	Track & Field	Long Jump	Adequate
		Throws Sector: (Shot-put, Discus throw and	
		Javelin )	
2.	Basket Ball Court	Connected Basket Ball	Adequate
3.	Volley Ball Court	Volley Ball court for Boys (1 No), Girls (1	Adequate
		No)	
4.	Throw Ball Court	Girls (1 No)	Adequate
5.	Tennikoit Court	Girls (1 No)	Adequate
6.	Indoor Gym	Gym for Boys (Multi gym and Rowing	Adequate
		machines etc.)	
7.	Table Tennis	Table Tennis Board (1 No)	Adequate
8.	Cricket	Cricket pitch with mat	Adequate
9.	Shuttle Badminton	Indoor court for girls (1 No)	Adequate

10.	Indoor Games	Carrom Board for Boys (2 No) and for Girls	Adequate
		(2 No)	•
		Chess Board for Boys (1 No) and for Girls	
		(2 No)	

## **Auditorium Facility**

An auditorium with a capacity  $179.52 \, M^2$  is available at the first floor of the Main Administrative Building, constructed during the year 2001. The seating capacity is 200 and is utilized to conduct training and cultural programmes. The auditorium is put into use at least once in a fortnight.

#### CPPM, Hosur

Name of the facility (add rows if necessary)		No. of students who can participate at any one time
Indoor	1.Table Tennis for boys and girls	4
	2. Mini gym	
	3. Carrom	8
	4. Chessboard	8
Outdoor	1. Foot ball court	22
	2. Volley ball court	12
	3. Throw ball court	18
	4. Badminton	
	5. Play Ground-Cricket	22

## Auditorium facility-No

#### Cultural centre -No

**6.6.6.5. Student Counseling and Placement Cell:** Give detailed report on placement cell and provide the report for recruitment of students by firms in last five years. What is the mode and mechanism of counseling being followed at the University level?

## MVC, Chennai

Year	No. of students registered in placement cell	No. of campus interviews conducted	No. of students placed/ benefited
2014-15	-	1	31
2015-16	-	1	6
2016-17	-	-	-
2017-18	55	1	14
2018-19	64	1	47
2019 up to 30.11.2019	20	-	-

#### VCRI, Namakkal

Campus interview was organised for the internship students every year and they are placed in various sectors

#### Placement details

Industries Visited	Number of students got placement					
industries visited	2014-15	2015-16	2016-17	2017-18	2018-2019	
Poultry hatcheries	07	05	01	-	04	
Animal feed Industries	04	01	-	-	01	
Pharmaceutical Industries	02	01	-	-	02	
Poultry farms	05	-	02	07	05	
Livestock industries	-	01	04	07	18	
Dairy farms and milk processing units	21	05	-	10	05	
Total	39	13	07	24	35	

#### VCRI, Orthanadu

#### **Placement Abstract-2018**

	2	2018	2019	
Particulars	No. of students	Percentage	No. of students	Percentage
Total number of students passed out	40	-	10	-
Number of graduates placed in public sector	14	35.00	04	40.00
Number of graduates placed in private sector	09	22.50	-	-
Number of graduates running own clinic	16	40.00	6	60.00
Number of graduates pursing higher education	01	2.50	-	-

#### VCRI, Tirunelveli

#### **Student Placement profile**

- ❖ Eleven students of first batch (2012-13) have joined as Veterinary Assistant Surgeon in Tamil Nadu Animal Husbandry department during 2017-18.
- Twenty students of first and second batch (2012-13 & 2013-14) have joined as Veterinary consultant in Tamil Nadu Co-operative Milk Producers Federation (Aavin)\\

#### CFDT, Koduvalli

The linkages of CFDT with industries has resulted in employment of our students in their firms. It is the association with such establishments that is responsible for a large number of placement in the recent years. The college has also established a Placement Cell.

#### UG student placement details between 2014-15 and 2018-19

Particulars	2014-15	2015-16	2016-17	2017-18	2018-19
No. of students graduated	17	21	19	39	37
No. of students placed in jobs	7	5	8	19	20
No. of students pursued higher education*	5	6	3	4	5
No. of students preparing for competitive exams	2	5	2	9	2

<sup>\*</sup>Others are pursuing PG programmes in CFDT, TANUVAS

#### **Students into Higher Studies in National Institutions**

Year	Name of the Student	Degree Program	Institute
2014-15	G. Bharath	M. Tech	NDRI, Karnal
	Christina Pauline Emmanuel	M.Sc	CFTRI, Mysore
2015-16	M. Ram Mohan	M. Tech	NIFTEM, Haryana
	R. Yoga Raj	M. Tech	NIFTEM, Haryana
2016-17	R. Meenakumari	M. Tech	NIFTEM, Haryana
	S. Mercy Rani	M.Sc	CFTRI, Mysore
	N.S Preethi	MBA	IIPM, Bangalore
2017-18	S. Varsha	M. Tech	SVVU, Tirupati
	G. Preethi	MBA	IIPM, Bangalore

#### PG student placement details between 2014-15 and 2018-19

Particulars	2014-15	2015-16	2016-17	2017-18	2018-19
No. of students graduated	5	8	7	9	10
No. of students placed in jobs	3	4	3	5	6
No. of students pursued higher education	2	1	1	3	-
No. of students preparing for competitive exams	-	1	1	1	1

### CPPM, Hosur

The linkages of CPPM with industries have resulted in employment of our students in their firms. It is the association with such establishments that is responsible for a large number of placements in the recent years. The college has also established a Placement Cell. First batch of student had graduated during 2015 and five batches of students had graduated until 2019. All the students were selected and placed in MNC of Poultry sector with 100% placement through the Placement Cell of the CPPM, Hosur. The detail of placement year wise is given below:

#### UG student placement details between 2015 and 2019

Particulars	2015	2016	2017	2018	2019
No. of students graduated	16	19	19	14	18
No. of students placed in jobs	14	19	19	14	18
No. of students pursued higher education*	2				

# 6.6.6.6. Disabled Friendly Facilities: What kind of facilities is available for differently abled persons in the campus? Give a brief report.

- Ramps have been provided in all buildings in University and College campuses.
- Specially designed toilets for differently abled are available.
- Wheel Chairs are available in clinics for differentially abled clients./pet owners



#### 6.6.7 INFRASTRUCTURE

#### 6.6.7.1 PHYSICAL FACILITIES INCLUDING ADMINISTRATIVE BUILDING AND LANDS:

Give comprehensive report on the administrative buildings, academic blocs, Colleges research units instructional farms, seed production units etc. for each College and University Head Quarter

## Madras Veterinary College, Chennai

**Hostels:** Clearly mention the number of hostels available for the College students for boys and girls, separately with its total capacity, students per room accommodated in each hostel, mess facility, drinking water, indoor games specially for girls, cleaning of hostel premises, transport facility, emergency medical facility etc.

Hostel	Name of block (add rows if needed)	No. of rooms/ block	No. of students/ room	Rest rooms/ toilets per block	Mode and frequency of cleaning and disinfectant, mosquito proofing, etc.
Men's	Thamarai Illam	169	183	36 / 44	1.Cleaning of room twice /Week, 2. Mosquito fogging once /Week, 3. All rooms fitted with Mosquito net proof 4. Hostel connected with separate RO water pipe line
	Alli Illam	41	76	12 / 12	-do-
	Malligai Illam	40	64	12 / 12	-do-
	Roja Illam	41	60	12 / 12	-do-
	Mullai Illam	28	Internship students	8 / 8	-do-
Ladies	Magizham Illam	121	236	21 / 26	-do-
	Kurinji Illam	32	58	9 / 12	-do-
Others (Teachers	Teachers Hostel	19	Capacity – 60 persons	19/19	-do-
hostel/ NRI/ etc.)	NRI Hostel	15	10	15 /15	-do-

#### Mess

pres	of dining rooms sent with name , if any	Space (Sq.m.)	Seating capacity	Drinking water points and facilities	Washing facility for vessels	Kitchen/amenities present (LIST)
No.	Names			incincies	VESSEIS	
1.	A Mess (Girls)	334	80	RO Drinking	Yes	
				water		Controlized avatama
2.	PG Mess (Girls)	19	15	RO Drinking	Yes	Centralized systems
				water		
3.	B Mess (Boys)	753	200	RO Drinking	Yes	
				water		Controlized existence
4.	PG Mess (Boys)	19	25	RO Drinking	Yes	Centralized systems
				water		

## Recreation / Education/ Health care facility at hostel

1	ndoor games (List)		Study room Rec		Study room		ecreation room	Medical health care facility	Transport
Boys	Girls	No.	Seating capacity/ room	No.	Seating capacity/ room	(List)	facility (emergency)		
yes	Yes	2	75	8	50/Room	Doctors visit thrice / Week  1. Examination table – 1 No  2. Four beds  3. Wheel chair – 1No  4. First aid kit – 6 Nos. (UG  & PG)  5. Special camp three / year  General Health Check-up camp  Dermatology camp  Gynaecology awareness camp	Van – 1 No		

Examination hall: Mention the availability of number of examination halls, its capacity etc. for the College

No. of examination hall	Name/location of the hall	Space (Sq. m)	Seating capacity	Amenities present (list)
1.	Basic Sciences Examination Hall, Second Floor, Office of the Dean, Faculty of Basic Sciences Building		140	<ul> <li>Individual table and chair for each student</li> <li>Student attendance biometric system</li> <li>Public address system to make important announcements</li> <li>RO water filter to provide potable water to the students</li> <li>Separate rest room facilities for both boys and girls</li> </ul>
2.	New Examination Hall, Third floor, Kamarajar Block		130	<ul> <li>Fully air conditioned examination hall</li> <li>Public address system to make important announcements</li> <li>RO water filter to provide potable water to the students</li> <li>Separate rest room facilities for both boys and girls</li> </ul>

**Sports and Recreation Facilities:** Clearly mention the number of indoor and outdoor sports facilities available for the College students. A brief note on day to day management and use of these facilities shall be provided in the report.

Name of the facility (add rows if necessary)		No. of students who can participate at any one time	Other facilities and amenities present (air-conditioning, etc.)
Shuttle playground		4 Students	
Indoor	Gymnastic	10 Students	
Outdoon	Basketball court	12 Students	
Outdoor Volley ball court - 2		12 Students/Court	

Name of th	ne facility (add rows if necessary)	No. of students who can participate at any one time	Other facilities and amenities present (air-conditioning, etc.)	
Indoor	Indoor Gym 1. Tread mill 2. Cross Trainer 3. Upright cycle 4. Weight lifting 5. Bull worker 6. Indoor Table Tennis Hall with 2 TT Tables	20 students for Gym 4 to 10 students for Table tennis	No air conditioning	
	<ul><li>Indoor Gym</li><li>1.Weight lifting facilities</li><li>2. Bull worker</li><li>3. Indoor Shuttle Badminton Court</li></ul>	20 students for Gym 4 to 10 students for Shuttle Badminton	No air conditioning	
	Indoor Carrom	4 to 8 people	No Air conditioning	
Outdoor	Cricket Nets and Play field	30 students	Long Jump and High Jump	
	Hockey Play field	30 students	facilities available	
	Football Play field	30 students	Triple jump	
	Volleyball court	20 students	Movable volleyball court for	
	Kabaddi court	20 students	girl students  Movable Ball Badminton court	
	200m Athletic track	30 students	for boys and girls	
	Field Track for javelin, Discus and Shot-put	20 students	101 00y3 and girls	

**Auditorium:** Does the college have auditorium? Mention its year of construction, sitting capacity and how frequently being used for the College functions.

S.No	Name	Space in Sq.m	Facilities available	seating capacity	Remarks
1.	Anna Auditorium	780.50 M <sup>2</sup>	Audio system, HVAC,	966 Nos.	
			Fire protection		
2.	Conference Hall	216.13 M <sup>2</sup>	Audio & Visual,	155 Nos.	
			Air-conditioned		
3.	Swaraj Hall	93.94 M <sup>2</sup>	Audio & Visual,	52 Nos.	
			Air-conditioned		

**Exhibition Hall/Museum:** Does the college have the Exhibition Hall/Museum? Mention about its use and special events being conducted in these units.

## MVC CENTENARY MUSEUM MAINTAINED BY BIOINFORMATICS CENTRE

i. Exhibition hall and museum

Madras Veterinary College Centenary Museum was inaugurated on 6<sup>th</sup> July, 2003 during World Veterinary Year.

ii. Category and number of exhibits present

To show the various achievements of departments following exhibits were present:

LED Panel Board - 1 No.
Acrylic Boards - 57 Nos
Specimens - 4 Nos
2 piller displays 16 Nos (

2 pillar displays -16 Nos (8+8)

Eggs of Emu, Ostrich etc. - 9 Nos Kit - 1 No. Microscope III Carl Zeiss - 1 No Map (INDIA) - 1 No. 4k65" LED TV with trolley - 2 Nos Skeleton of Elephant - 1 No. No. of visitors - 239

iv. Impact of museum and exhibits present: MVC Centenary Museum has good collection of charts and displays depicting historical events of MVC.

History, development, and scientific achievements of several of departments of MVC.

# Veterinary College and Reasearch Institute, Namakkal

## Hostel

Hostel	Name of block (add rows if needed)	No. of rooms/ block	No. of students/room	Rest rooms/ toilets per block	Mode and frequency of cleaning and disinfectant, mosquito proofing, etc.
Men's	Cauvery Hostel	54	124 students	Bath room -18 Toilet - 18	Mosquito net available, Rooms are cleaning daily and disinfectant is doing every week
	Bhavani hostel	39	69 stuents	Bath room -8 Toilet - 8	Mosquito net available, Rooms are cleaning daily and disinfectant is doing every week
	Multipurpose Hostel	13	46 students	Bath room -10 Toilet - 10	Mosquito net available, Rooms are cleaning daily and disinfectant is doing every week
Ladies	Vaigai Hostel	41	34 students	Bath room -16 Toilet - 16	Mosquito net available, Rooms are cleaning daily and disinfectant is doing every week
	Ganga hostel	35	66 students	Bath room -12 Toilet - 12	Mosquito net available, Rooms are cleaning daily and disinfectant is doing every week
	Amaravathi Hostel	29	37 students	Attached bath and toilet room - 29	Mosquito net available, Rooms are cleaning daily and disinfectant is doing every week
	Yamuna Hostel	28	34 students	Attached bath and toilet room - 23	Rooms are cleaning daily and disinfectant is doing every week
Others (Teachers hostel/	NARP Guest House	15	30 Persons	Attached bath and toilet ro0m - 13	Mosquito net available, Rooms are cleaning daily and disinfectant is doing every week
NRI/ etc.)	Trainees' hostel	09	22 Persons	Bath room -6 Toilet - 6	Mosquito net available, Rooms are cleaning daily and disinfectant is doing every week

# Mess

No. of dining rooms		Space	Seating	Drinking water	Washing	Kitchen/amenities
prese	present with name, if any		capacity	points and	facility for	present (LIST)
No.	Names			facilities	vessels	
	Cauvery hostel	2088	120	One drinking water point	Available	Kitchen available
	Bhavani hostel	1000	80	One drinking water point	Available	
	Vaigai hostel	400	20	One drinking water point	Available	Kitchen available
	Ganga hostel	1200	60	One drinking water point	Available	
	Yamuna hostel	800	40	One drinking water point	Available	
	NARP Guest House	150	10	One drinking water point	Available	
	Trainees' Hostel	200	10	One drinking water point	Available	

#### Recreation / Education/ Health care facility at hostel

Indoor games (List)			Study room Recr		ecreation room	Medical health	Transport
Boys	Girls	No.	Seating	No.	Seating	care facility	facility
			capacity/ room		capacity/ room	(List)	(emergency)
						Doctor visit for	Available
						weekly twice	

#### **Examination hall**

To cater the needs of examination, two fully furnished examination halls are available in this campus. One examination hall completely air conditioned, fully furnished with examination table and CCTV surveillance camera with capacity of 100 students for under graduate education. Another examination hall completely furnished with examination table and CCTV with capacity of 70 students for post graduate education.

#### **Sports and Recreation facilities**

Name o	f the facility (add rows if necessary)	No. of Courts Available	Other facilities and amenities present (air-conditioning, etc.)
	Badminton Court synthetic	01 No's	
	Table Tennis Board	12 No's	
Indoor	Carrom Board	12 No's	
	Chess Mat with Coins	40No's	
	Fitness Centre (Gym)	40No's	
	400 M Standard Athletics track & Field	01No	
	Football Court	01No	
	Cricket Play Field	01No	
	Kho-Kho Court	02 No's	
	Ball Badminton Court	01No	
	Kabaddi Synthetic Mat	02Nos	
	Volley ball Court with Flood Light	02No's	
	Badminton Court with Flood Light	01No's	
Outdoor	Tennikoit Court	01No	
	Throwball Court with Flood Light	01No	
	Gymnastic Parallel Bar	01 Set	
	Gymnastic Horizontal Bar		
	Tennis Court	01No	
	Netball Court	01No	
	Basket Ball Court with Flood Light	02No's	
	Handball Court	01No	
	Cricket Net Practice	02No's	

#### Auditorium

The college has one auditorium which was constructed in the year 2017 with capacity of 500 persons. This auditorium is utilizing college and hostel day celebrations. Apart from that, regularly using for inaugural and valedictory function of conference / symposium / workshop.

#### **Exhibition Hall/Museum**

#### **Exhibition hall and museum**

The educational museum was established at this institute in 1400 sq. ft. for the tune of Rs. 20 lakhs to create the holistic realization about the technologies and practices developed. This museum has the aim of serving general public, entrepreneurs, youths, student community, researchers and specialists in the field of livestock sector.

#### **Category** and number of exhibits present

The museum displays 30 charts, 10 two and three dimensional models, 72 specimens, milestone achievements of the institution were displayed for having technological updates in livestock sector

#### No. of visitors

Around 5,000 members are visiting Veterinary College and Research Institute, Namakkal for various purposes such as exposure visits, farm advisory services, training, clinical services etc. Among the visitors 85% are farmers, 5% are school and college students and the reaming 10% are field veterinarians, research scholars, scientists and others.

#### **!** Impact of museum and exhibits present

Fodder seed production and fodder bank by farmers, skill development of milk and meat products preparation by self-help group members, various students and researchers visiting feed mill for entrepreneurship development

## Veterinary College and Reasearch Institute, Tirunelveli

#### Hostels

There are at present two Hostel blocks were built in our VCRI Campus - One for boys and another for girls. The hostel is established with a Warden, Deputy wardens- 5 (General activities-2 and Mess activities -2 for both boys and girls hostels, and Guest house maintenance-1) under the overall supervision of the Dean, VCRI, Tirunelveli. There are 180 rooms (90 each in boys and girls hostels) available in this Hostel which can accommodate 360 students. Each student is provided with a steel cot, table and chair. Currently, there are 341 students (185 boys and 156 girls) staying in these hostels.

Each room is provided with window curtains and mosquito screens to guard against insects and fly nuisance. Each floor of this Hostel premise (both boys and Girls) is equipped with washing machines for the benefit of hostellers. Student amenities like an exclusive TV room, readers desk for newspapers (Tamil and English), well equipped gym room and exclusive court for indoor games viz., volley ball and shuttle badminton are also made available in the hostel. A large well levelled playground equipped with bars and stages are available for the successful conduct of sporting activities.

An exclusive Medical room in Hostels have been created with emergency medicines available round the clock and a Medical Officer routinely visits the Medical room every Tuesday and Friday between 4.00 pm and 6.00 pm for the wellbeing of the hostel inmates. Drivers are scheduled to stay during night hours and also holidays in the hostel premises to rush to hospitals in case of medical emergency. Facilities are created for night stay of faculties on schedule in hostel premises so as to thwart any incident of ragging of newly admitted first year students. Guest rooms in both boys and Girls hostel are available for comfortable stay of parents/ guests visiting the hostel inmates.

Students are served with hygienic and wholesome food and separate dining hall is available for both boys and girls hostel. The kitchen is well furnished with all cooking facilities including steam boilers, doughing machine, instant Wet Grinder and vegetable cutters for hassle free and to expedite the preparation of food. A water purifier with RO units is available at both the hostels separately to supply hygienic and potable water for consumption and cooking. The hostel mess is run by the students themselves and monitored by the Warden and Deputy Wardens.

#### **Examination hall**

No. of examination hall	Name / location of the hall	Space (sq. m.)	Seating capacity	Amenities present (list)
2	Examination Hall – 1	118.75M <sup>2</sup> /	40 / Hall	Desk and Chairs – 90 Nos
	Examination Hall – 2	Hall		Clock – 2 Nos
	Department of			Table – 2 Nos
	Veterinary Pathology,			Intercom Facility - 2 Nos
	VCRI, Tirunelveli			Bell – 2 Nos
				White board – 2 Nos

# Sports and recreation facilities

	Name of the facility	No. of students who can participate at any one time	Other facilities and amenities present (air-conditioning, etc.)
Indo	oor	,	, <u> </u>
1	Badminton	8	Flood light facility is available
2	Carrom	24	
3	Chess	24	
4	Table tennis	4	
Out	door		
1	Ball Badminton court	10	
2	Cricket oval	22	
3	Cricket nets	15	Flood light facility is available for practicing
4	Football field	22	
5	Kabaddi court	14	
6	Kho-Kho court	18	
7	Tennikoit court	4	
8	Throw ball court	18	
9	Volley ball court with fence	24	Flood light facility is available
10	400 metres standard track	All students can utilize the facility	
11	Long jump arena	Jumpers can utilize the facility	
12	Shot put arena	Throwers can utilize the facility	
13	Discus throw arena	Throwers can utilize the facility	
14	Javelin throw arena	Throwers can utilize the facility	
15	Triple jump arena	Jumpers can utilize the facility	

#### Auditorium

Name (Auditorium/conference hall/etc.)	Space (Sq. m.)	Facilities available (Audio-visual aids/ air-conditioning/etc.)	Seating capacity
Auditorium	28.50x10m=285Sq.m With Toilet = 27.81 Sq. m.	Podium- 1no Projector with screen-1 no Air conditioners -9nos	Audience-265 nos Stage-20nos
Conference hall	9.45 x 6.00m = 56.70	Air conditioning- 2nos LED TV-1no Desktop computer-1no Projector with screen-1 no	Audience-25 nos Stage-40nos

# **Exhibition Hall / Museum:**

Exhibition hall / museums are available in the following Departments

- 1) Livestock Production Management
- 2) Veterinary Pathology
- 3) Veterinary Parasitology

# Veterinary College and Reasearch Institute, Orathanadu

### Hostels

Hostel	Name of block	No. of rooms/ block	No. of students/room	Rest rooms/ toilets per block	Mode and frequency of cleaning and disinfectant, mosquito proofing, etc.
Men's	Boys	90 rooms	199 students	06 per block	On daily basis all floors are cleaned with
Hostel	hostel				disinfectant. mosquito nets fixed in all the
					rooms windows
Ladies	Girls	90 rooms	161 students	06 per block	On daily basis all floors are cleaned with
Hostel	hostel				disinfectant. mosquito nets fixed in all the
					rooms windows
Others	Boys	3 rooms	3 students	1 toilet	On daily basis all floors are cleaned with
(Teachers	hostel				disinfectant. mosquito nets fixed in all the
hostel/					rooms windows
NRI/ etc.)	Girls	2 rooms	2 students	1 toilet	On daily basis all floors are cleaned with
	hostel				disinfectant. mosquito nets fixed in all the
					rooms windows

# Mess

of dining rooms esent with name, if any Names	Space (Sq. m.)	Seating capacity	Drinking water points and facilities	Washing facility for vessels	Kitchen/amenities present (LIST)	
Main mess hall	<sub>196.21</sub> m <sup>2</sup>	50 Nos	RO water facility provided at mess hall and kitchen	available in kitchen	Grinder, Mixer grinder, Vegetable cutter, Chapatti	
Additional mess hall	191.01 <sup>m²</sup>	40 Nos	RO water facility Provided at mess hall and kitchen	available in kitchen	kneader, Coconut scrapper, Double burner -3, Dosa plate, Steam cooking facility provided	

# Recreation / Education/ Health care facility at hostel

Indoor ga	mes (List)	St	udy room	Recreati	on room	Medical	Tuangnant
Boys	Girls	No.	Seating capacity/ room	No.	Seating capacity/ room	health care facility (List)	Transport facility (emergency)
Carom and Table tennis Badminton court available	carom and Table tennis Badminton court available	3 rooms in each hostel	05	Each hostel 3 rooms available	15 Nos	Student asked to visit nearby hospitals and they can claim medical bill up to Rs. 250 /person and 25 visit per month	24 hrs transport facility provided in case of any emergency. Student can utilise the college vehicle
							anytime

# **Examination hall**

No. of examination hall	Name/location of the hall	Space (sq. m.)	Seating capacity	Amenities present (list)
One	II Floor Main	411.76 Sq.	200	• Chair
	building	m		<ul><li> Exam table</li><li> Things keeping locker</li></ul>

# **Sports and Recreation Facilities**

	Name of the facility (add rows if necessary)	No. of students who can participate at any one time	Other facilities and amenities present (air- conditioning, etc.)
r 1	Ball Badminton	32	Flood light and rest rooms
Indoor	Badminton	16	facilities are available
	Cricket	30	
	Foot Ball	30	Elood light facility
	Volley Ball (Both men and women) (4 Nos)	20	Flood light facility is available round
Outdoor	Ball Badminton (Both men and women) (2 Nos)	4	the clock.
Outdoor	Badminton (Both men and women) (6 Nos)		the clock.
	Kho-Kho (Both men and women)	30	
	Kabaddi(Both men and women)	40	
	400 mts Standard Track& Field	8	

# Auditorium

Name (Auditorium/conference hall/etc.)	Year of construction	Space (Sq. m.)	Facilities available (Audio-visual aids/ air-conditioning/etc.)	Frequency of usage:	Seating capacity
Multipurpose hall/ Auditorium	2011	412.00	Yes	Twice a month	400

# **Exhibition Hall/Museum**

S No	Name of the Department	No of Museum Specimens	Usage
1	Veterinary Pathology	421	<ul> <li>The museum is being used by undergraduate students, postgraduate students, Veterinary Assistant surgeons and general public.</li> <li>To teach the common and rare gross lesions of various diseases of livestock, poultry, fish, lab and wild animals for undergraduates and postgraduates students.</li> <li>To show the size and shapes of different organs in animals and poultry to the general public.</li> </ul>
	Veterinary Parasitology	820	<ul> <li>Visualization of various parasites, their life cycle models, intermediate hosts / vectors, lesions and drug for treatment and control will help the students for easy understanding of the subject by hands on learning.</li> <li>Museum display will create interest among the students for collection of parasites of animals and poultry from different places.</li> <li>Farmers are regularly being taken to parasite museum to give hands on training on various parasitic diseases of livestock and to create awareness on scientific way of control to minimize the mortality and thereby enhancing productivity</li> </ul>

Obstetrics		<ul> <li>These museums are regulars used for teaching and demonstration to undergraduate students under the Veterinary Education.</li> <li>Moreover these museums are also used in enlightening of school students who are visiting this college as a study visit by demonstration of various biological specimens and create interest and awareness about animal husbandry sector.</li> <li>During mass conduct programmes museum exhibits are placed in the rural villages and provide a basic knowledge and awareness to the farmers on livestock management and its importance in animal husbandry sector</li> </ul>				
Wild life Museum, Dept. of Veterinary Medicine	20 no. of Formalin preserved Specimens, 3 no. of Skeletons 7 no. of species pug	<ul> <li>Updated knowledge on wild life species identification and gross anatomy,</li> <li>Updated senses technique for foot printing of wild species</li> </ul>				
Veterinary Pharmacology and Toxicology - Ethno veterinary Herbal Garden	Herbal garden has been e and Toxicology at Vete Thanjavur district. This Andragraphis paniculat somnifera, Asparaguus indica, Cardiospermum Centella asiatica, Justice Moreover, this garden a	Herbal garden has been established by Department of Veterinary Pharmacology and Toxicology at Veterinary College and Research Institute, Orathanadu Thanjavur district. This herbal garden conserves medicinal plants such as Andragraphis paniculata, Ocimum sanctum, Ocimum tenuiflorum, Withania somnifera, Asparaguus racemosus, Curcuma longa, Aloe vera, Azhadirachta indica, Cardiospermum halicacabum, Cissus quandrangularis, Vitex negunda, Centella asiatica, Justicia adhatoda, Costus igneus and Sesbania grandiflora. Moreover, this garden also conserves medicinal tree plants such as Moringa oleifera, Murraya koengii, Psidium guajava, Syzygium cumini, Acacia catechu,				
No. of visitors	Phyllanthus emblica, etc.  The medicinal plants cultivated at this campus are used for the production of herbal products by the centre for the health care of livestock and poultry. Antimastitis spray is produced with Aloe vera and Curcuma longa. Ectoparasiticide spray is produced with Annona squamosa, Azadhiracta indica, Acorus calamus, Vitex negunda and Aloe vera. Veterinary Herbal Deworm Bolus is produced with Sesbania grandiflora, Cucurbita pepo, and Aloe vera. Veterinary Herbal Immune Bolus is produced with Andrographis paniculata, Curcuma longa, Ocimum basilicum, Aloe vera, Ocimum tenuiflorum and Cissus quadrangularis. These products are formulated and validated for use in livestock and poultry.					

- 1254 Students from various schools in and around Orathanadu have visited the museum of the department as part of their curriculum
- 589 Farmers of various training programmes and interested farmers have also visited the parasite museum
- PG and PG Diploma students are undergoing the visit to the museum as a curriculum

## College of Food and Dairy Technology, Koduvalli

**Hostels:** Clearly mention the number of hostels available for the College students for boys and girls, separately with its total capacity, students per room accommodated in each hostel, mess facility, drinking water, indoor games specially for girls, cleaning of hostel premises, transport facility, emergency medical facility etc.

<b>Hostel Facilities</b>	Boys Hostel	Girls Hostel	Total (Number)	
N. I. CH. ( I	(Number)	(Number)	2	
Number of Hostel	1	1	2	
Total capacity of Hostel	85	102	187	
Number of Rooms	20+3 Staff	37	57+3 Staff	
	Quarters		Quarters	
Students per room(U.G)	3	3		
Students per room (Ph.D.)	2	2		
<b>Hostel Facilities</b>				
Mess	1		1	
Dining Hall	1	1	2	
Surveillance cameras	4	5	9	
Drinking water	2	1	3	
(RO water system)				
Water dispenser	1	1	2	
Washing machines	1	2	3	
Television	1	1	2	
water heater	1	1	2	
Broadband internet facility for	Wifi facilities provided			
browsing				
Napkin incinerator	-	1	1	
Napkin Vending machine	-	1	1	
Indoor games				
Carom	2	2	4	
Chess Board	2	2	4	
Shuttles	1	1	2	
Table Tennis	1	-	1	
Cleaning of hostel premises				
Hostel premises including mess and di	ning area are prope	rly cleaned on a daily b	pasis	
One Napkin incinerator is available in	girls hostel for eco	- friendly disposal		
Small dustbins (for disposal of	20	37		
waste)				
Big dustbins	2	3		
Transport facility				
Vehicle with driver is available to mee	t students' transport	tation demands		
Cycles are provided for easy access	5	5	10	
in and around the campus				
Emergency medical facility - Vehicle	with driver is avail	able 24X7 for any emer	rgency	

**Examination hall:** Mention the availability of number of examination halls, its capacity etc., for the College.

An examination hall with an area of  $548.12 \text{ M}^2$  is available for the conduct of semester final theory exams with a capacity to accommodate 80 students.

**Sports and Recreation Facilities:** Clearly mention the number of indoor and outdoor sports facilities available for the College students. A brief note on day to day management and use of these facilities shall be provided in the report.

# **Facilities available**

#### Auditorium

An auditorium with a capacity  $179.52 \, M^2$  is available at the first floor of the Main Administrative Building, constructed during the year 2001. The seating capacity is 200 and is utilized to conduct training and cultural programmes. The auditorium is put into use at least once in a fortnight.

**Exhibition Hall/Museum:** Does the college have the Exhibition Hall/Museum? Mention about its use and special events being conducted in these units.

Sl. No.	Games and Sports	Equipment and Infrastructure available	Adequate/ Inadequate
1.	Track & Field	Long Jump	Adequate
		Throws Sector: (Shot-put, Discus throw and Javelin)	
2.	Basket Ball Court	Connected Basket Ball	Adequate
3.	Volley Ball Court	Volley Ball court for Boys (1 No), Girls (1 No)	Adequate
4.	Throw Ball Court	Girls (1 No)	Adequate
5.	Tennikoit Court	Girls (1 No)	Adequate
6.	Indoor Gym	Gym for Boys (Multi gym and Rowing machines etc.)	Adequate
7.	Table Tennis	Table Tennis Board (1 No)	Adequate
8.	Cricket	Cricket pitch with mat	Adequate
9.	Shuttle Badminton	Indoor court for girls (1 No)	Adequate
10.	Indoor Games	Carrom Board for Boys (2 No) and for Girls (2 No)	Adequate
		Chess Board for Boys (1 No) and for Girls (2 No)	

#### **Exhibition Hall**

Department of Food Plant Operations, College of Food and Dairy Technology, Chennai maintains an exhibition hall at its plant premise. The exhibition hall occupies an area of 9.5 x 8 m. The exhibition hall possesses 4 exhibits and 13 display charts.

# **College of Poultry Production and Management, Hosur**

**Hostels:** Clearly mention the number of hostels available for the College students for boys and girls, separately with its total capacity, students per room accommodated in each hostel, mess facility, drinking water, indoor games specially for girls, cleaning of hostel premises, transport facility, emergency medical facility etc.

Hostel	Name of block (add rows if needed)	No. of rooms/ block	No. of students/ room	Rest rooms /toilets per block	Mode and frequency of cleaning and disinfectant, mosquito proofing, etc.
Men's	Boys Hostel	40	2	Attached bathroom and toilet for twenty rooms Common toilet (10Nos) and bathroom (10Nos) in first floor for twenty room	Cleaning and disinfection: daily Mosquito proofing is provided for all the rooms
Ladies	Girls Hostel	40	2	Attached bathroom and toilet for twenty rooms Common toilet (10Nos) and bathroom (10Nos) in first floor for twenty room	Cleaning and disinfection: daily Mosquito proofing is provided for all the rooms

#### Mess

No. of dining rooms present with name , if any		Space (Sq. m)	Seating capacity	Drinking water points and facilities	Washing facility for vessels	Kitchen/amenities present (LIST)
No.	Names					
	Boys dining	134.5	50	1	Yes	<ul><li>Chapathi flour kneader</li><li>Chapathi making machine</li><li>Grinder</li><li>Mixie</li></ul>
2	Girls dining	97.7	40	1	Yes	<ul> <li>Mixie</li> <li>Chimney</li> <li>Dining table</li> <li>Refrigerator,</li> <li>Solar water heater 400 lit</li> <li>RO water plant 500 lit</li> </ul>

#### Recreation / Education / Health care facility at hostel

Indoor games (List)		Study room		Recreation room		Medical	Transport
Boys	Girls	No.	Seating capacity/	No.	Seating capacity/	health care facility (List)	facility (emergency)
			room		room		
Table tennis	Table tennis			2	30	Available	Available
Carrom	Carrom						
Chess	Chess						

#### **Examination hall**

No. of examination hall	Name/location of the hall	Space (sq. m.)	Seating capacity	Amenities present (list)
1	Administration block	286.4	80	Examination table and chair RO for drinking water

#### 6.6.7.2 IT INFRASTRUCTURE.

A brief report on University ARIS Cell shall be given. Give the information on LAN connectivity, Wi-Fi/internet facilities in campus and hostels; Computer based library management, videoconferencing facilities, smart class rooms and workshops etc.

### **University ARIS CELL**

#### Madras Veterinary College, Chennai

- ❖ A 24x7 hours internet facility through 15 Wi-fi hubs is provided for students and staff inside the college campus.
- ❖ A total of 732 computers with internet facility (1GBPS) are available at Department of Animal Husbandry Statistics and computer applications, Library, Bioinformatics centre and Hostel for the students to access the Internet.
- MVC hostel has three computers with broadband (BSNL) internet connectivity for staff and students
- ❖ During the last 5 years, a total of 9220 students have accessed the Internet facilities for their educational purpose
- ❖ A total of 844 students got trained up by the BTIS in the field of Information retrieval system during their PG study
- ❖ In BTIS, a total of 735 students retrieved the information through internet, 340 students used in silico lab facilities, 333 students utilized the discovery studio
- Apart from the students from our college, 85 students from other colleges have also utilized the facilities at BTIS for their external projects and 23 students completed their studentship/traineeship.

### Details of Internet facility provided to staff and students

Name of the	No. of	No. of Wi-	Type and kind of	Internet speed	No. of
department	computers	Fi hubs	connectivity		Lines
AHSCA	650	15	OFC – NKN	1 GBPS	01
BTIS	42	-	TANUVAS Leased line	-	01
Library	35	-	National Knowledge	1Giga Byte-GB/	
			Network- NKN	Second	
Hostel	5	-	BSNL broadband	-	
Total	732			-	

## No. of beneficiaries utilizing the facility

Year	No. of students' usage (AHSCA)	In silico lab – No. of users (BTIS)	Information Retrieval	Discovery studio	External projects by the students of other colleges	No. Of students undergone BT training	Studentship/ traineeship
2014-15	2710	64	390	17	22	134	
2015-16	2664	58	164	47	12	182	
2016-17	1947	64	78	94	12	161	
2017-18	883	24	44	84	15	203	7
2018-19	566	74	37	71	14	140	13
2019 up to 30.11.2019	450	56	22	20	10	24	3
Total	9220	340	735	333	85	844	23

### Web based management of scholarship

Since the year 2016-17, a total of <u>1918 students</u> with Central and state government sponsored scholarships were managed through online portals and benefits are transferred to the students without any hassle. In addition, <u>32 google forms</u> were generated to process the web-based scholarship management more efficiently and certificates are generated through google links.

S. No.	Year	No. / Type of	Uses/outcome
		scholarships managed	
3.	2016-17	592	Central and state government sponsored
4.	2017-18	685	scholarships are managed through online portals
5.	2018-19	641	and benefits are transferred to the students
			without any hassle.
6.	2019 up to	32	To process the web based scholarship
	30.11.2019	(Google forms)	management more efficiently, certificates are
			generated through Google links

## Class room – use of smart boards to do away with chalk and pollution

At present there are eleven smart boards available inside the campus mainly installed with a motive to reduce the use of chalk and air pollution. Smart boards are used for UG practical, PG education, training programme; facilitating online retrieval of data; power-point presentation aided with diagrammatic illustration for surgical and other procedures/techniques

S. No	No. of Smart boards	No. of smart boards in the department	Frequency of usage	Purpose & Outcome
1.	2014-15	-	-	-
2.	2015-16	-	-	-
3.	2016-17	1	5	Convenient to teach students with
				power-point and drawings while
				teaching surgical techniques
4.	2017-18	7	Weekly	For UG practical, PG Education and
				during training programmes and
				effective learning; online retrieval of
				data. Convenient to teach students
				with power-point and drawings while
				teaching surgical techniques
5.	2018-19	2	Weekly	For UG practical, PG Education and
				during training programmes and
				effective learning; online retrieval of
				data. Convenient to teach students
				with power-point and drawings while
				teaching surgical techniques and other
				procedures
6.	2019 up to	6	4 Daily;	For UG practical, PG Education and
	30.11.2019		2 weekly	during training programmes and
				effective learning. Convenient to teach
				students with power-point and drawings
				while teaching surgical techniques and
				other procedures

# Veterinary College and Reasearch Institute, Namakkal

Internet facility provided (24x7) to all faculty and students at free of cost with double security mode. Total of 4064 nodes are available for usage.

National Mission for Education – ICT - 40 mbps

	No. of computers	No. of Wi-fi hubs	Speed limit	Service Provider	No. of student Beneficiaries (last 5 years)
Campus	30	26	40 mbps	BSNL	UG - 327
Hostel	-	16	40 mbps	BSNL	PG & Ph.D 284
	(Own Laptop)				
Library	17	2	2 mbps	BSNL	

### Veterinary College and Reasearch Institute, Tirunelveli

Campus	No. of computers	No. of WiFi hubs	Speed limit	Service Provider
College	50	15	100 mpbs	BSNL
Hostel	4	2	100 mpbs	BSNL

Smart Class room facility has been established in all the five lecture halls and UG labs of various departments for the better understanding of the subjects. Online undergraduate student information system (UGSIS) has been established at this college.

### Veterinary College and Reasearch Institute, Orathanadu

A student centre with free access and an internet kiosk in a separate hall is available in the college to provide internet access to students. In addition, the library also has systems with internet for access of books and internet usage.

Campus	No. of computers	No. of Wifi Hubs	Speed limit	Service provider	No. of student beneficiaries
College	25	15	40 mbps under NMEICT	BSNL	377
Hostel	7	2	40 mbps under NMEICT	BSNL	370
Library	15	1	40 mbps under NMEICT	BSNL	377

- Twenty-four hours internet facility is being provided to the students inside the campus. 50 Computers with internet facility are available for the students to access at the Library, Computer lab, Education cell and also in the Boy's and Girl's hostel with the band width of 10mbps.
- Smart Class room facility has been established in all the four lecture halls and UG labs in various departments for the better understanding of the subjects. Online undergraduate student information system (UGSIS) has been established at this college
  - Internet facility is provided to all the staff and students in the campus and hostels (both boys and girls) with a speed limit of 40 MBPS for surfing the internet for academic research and for their extension activities.
  - No of users (staff)-100-120 users daily
  - No of users (student)- 150-200 users daily
  - In addition, the campus is having a WiFi facility and each user is provided with unique ID for accessing the WiFi for their official work.
  - There is a separate cabin for the server room with air condition facility for the smooth functioning of the internet switches in order to provide the internet services inside the campus.
  - Provided WiFi Internet services to 100-150 users :
  - Total no of systems/ computers/ laptop connected for day today activities with internet for : 210-250
  - Pf sense firewall is used for monitoring the activities of the internet users with security from any malware attack.

# College of Food and Dairy Technology, Koduvalli

Internet facility is provided to staff and students both in College and Hostel campuses and it is being utilized by 207 students and 35 staffs. All the staff rooms are equipped with ethernet connection to access internet.

Campus	No. of Computers	No. of wifi hubs	Speed limit	Service provider	No. of students beneficiaries
College	40	3	40 mbps	BSNL	207
Hostel	120 (Laptops)	5	40 mbps	BSNL	185

#### College of Poultry Production and Management, Hosur

Internet facility is provided to the students inside the college and library campus. 40 Computers with internet facility are available for the students to access at the Library and Computer lab with the band width of 10mbps.

Campus	No. of computers	No. of Wi-Fi hubs	Speed limit	Service provider	No. of students beneficiaries (last five years)
College	41	02	10Mbps	BSNL	3795
Hostel	-	-	-	-	-

### 6.6.7.3 STUDENTS AND STAFF AMENITIES

Give brief report on the sporting and recreational activities, employment and career advice, child care, financial advice and food services, entertainment avenues etc. available in the campus

❖ Health related activity like yoga, exercise, etc., guest lectures, if any with details of no. of participants Madras Veterinary College, Chennai.

S. No	Year	Name of the Programme	Venue and date	Resource person	No. of Students participated
	2014-15	Army attachment camp	20 SEP 2014 to 04 OCT 2014, RVC centre & College, Meerut Cantt. Meerut	Army Officers of RVC centre & College, Meerut Cantt. Meerut	24
		Combined Annual Training Camp	31 OCT 2014 to 09 NOV 2014 Sai Ram Matriculation Hr. Sec. School, West Tambaram, Chennai- 44	Army Officers of 1(TN) R&V Sqn NCC, Madhavaram milk colony, Chennai- 600 051.	08
		National Integration Camp II	20 Jan 2015 to 31 Jan 2015 at Noida.	Army Officers of National Integration Camp II	10
1.	2015-16	Yoga training programme	24 Apr 2015 to 08May 2015 Madras Veterinary College, Chennai.	Dr. R. Balamurugan & Indumathi, Isha Yoga Maiyam.	95
2.		International Yoga Day celebration	21 June 2015 at Madras Medical College, Chennai.	Dr. R. Balamurugan & Indumathi, Isha Yoga Maiyam.	90
3.		Army attachment camp	12 October 2015 to 26 October 2015 RVC centre & College, Meerut Cantt. Meerut	Army Officers of RVC centre & College, Meerut Cantt. Meerut	31
		Combined Annual Training Camp cum National Games Launch	25 <sup>th</sup> September 2015 to 04 <sup>th</sup> October 2015 at J.H.A Agarsen College, Madhavaram	Army Officers of 1(TN) R&V Sqn NCC, Madhavaram milk colony, Chennai- 600 051.	32
1.	2016-17	Army attachment camp	15 October 2016 to 29 October 2016 at RVC centre & College, Meerut Cantt. Meerut	Army Officers of RVC centre & College, Meerut Cantt. Meerut	24
2.		Combined Annual Training Camp cum National Games Launch	05th October 2016 to 14th October 2016 at JG National Higher Secondary School, Chennai.	Army Officers of 1(TN) R&V Sqn NCC, Madhavaram milk colony, Chennai- 600 051.	32
3.		Pinkathon Chennai- 2016 3 k.m. and 5 k.m. running programme	5th June 2016 at Island Grounds, Chennai	Dr. R. Balamurugan, Pinkathon officials	20
4.		International Yoga Day celebration	21 June 2016 at Madras Veterinary College, Chennai.	Dr. R. Balamurugan, Prof. N. Kumaravelu & Indumathi, Isha Yoga Maiyam.	100
1.	2017-18	Army attachment camp	17 October 2017 to 31 October 2017 at RVC centre & College, Meerut Cantt. Meerut	Army Officers of RVC centre & College, Meerut Cantt. Meerut	25

2.		Combined Annual Training Camp	05 <sup>th</sup> October 2017 to 14 <sup>th</sup> October 2017 at Jain Vidyaashram, Puzhal	Army Officers of 1(TN) R&V Sqn NCC, Madhavaram milk colony, Chennai- 600 051.	14
3.		Combined Annual Training Camp	24 <sup>th</sup> November 2017 to 03 <sup>th</sup> December 2017 at Sathya Bama University, Jeppiar nagar, Chennai	Army Officers of 1(TN) R&V Sqn NCC, Madhavaram milk colony, Chennai- 600 051.	07
4.		International Yoga Day celebration	21 June 2017 at Madras Veterinary College, Chennai.	Dr. R. Balamurugan, Dr. A. Elamaran and Dr.Senthilkumar, Dr.Thilakar, and Dr.Ramani & Indumathi, Isha Yoga Maiyam.	100
5.		Pinkathon Chennai- 2017	2 <sup>nd</sup> July 2017 at Island Grounds, Chennai	Dr. R. Balamurugan, Pinkathon officials	20
1.	2018-19	Army attachment camp	15 October 2018 to 29 October 2018 RVC centre & College, Meerut Cantt. Meerut	Dr. R. Balamurugan, Army Officers of RVC centre & College, Meerut Cantt. Meerut	30
2.		Combined Annual Training Camp	09th September 2018 to 18th September 2018. at Jain Vidyaashram, Puzhal.	Dr. R. Balamurugan, Army Officers of 1(TN) R&V Sqn NCC, Madhavaram milk colony, Chennai- 600 051.	16
3.		International Yoga Day celebration	21 June 2018 at Madras Veterinary College, Chennai.	Dr. R. Balamurugan, Dr. K. Elaiyaraja & Indumathi, Isha Yoga Maiyam.	78
4.		Swachh Bharat programme - Cleaning programme, Polythene bag disposal awareness, Swachh Bharat rally, Solid waste management awareness and toilet construction awareness	15.07.2018. and 22.07.2018. at Karanodai Village, Thiruvallur (Dt.)	Dr. R. Balamurugan, Dr.AElaiyaraja , NCC Unit, 1(TN) R&V Sqn, NCC, Madras Veterinary College, Chennai – 600 007	35
5.		RVC participation motivation programme for the out-going B.V.Sc., & A.H. (2013-2014) Batch	26.04.2018 at Madras Veterinary College, Chennai.	Dr. R. Balamurugan, & Dr.Omkar Rudikar, NCC Unit, 1(TN) R&V Sqn, NCC, Madras Veterinary College, Chennai – 600 007	45
6.		Pinkathon Chennai- 2018	5 <sup>th</sup> August 2018 at Island Grounds, Chennai.	Dr. R. Balamurugan, Pinkathon officials	20
7.		Blood donation camp 2018	30.11.2018.at Stanley Medical College, Chennai.	Dr. R. Balamurugan,	16

1.	2019 up to	Army attachment	16 October 2019 to	Dr. A. Elaiyaraja, Army	32
	30.11.2019	camp	30 October 2019 RVC	Officers of RVC centre	
			centre & College,	& College, Meerut Cantt.	
			Meerut Cantt. Meerut	Meerut	
2.		Combined Annual	01October 2019 to 10	Army Officers of	50
		Training Camp	October 2019 at Jain	1(TN) R&V Sqn NCC,	
			Vidyaashram, Puzhal.	Madhavaram milk	
				colony, Chennai- 600	
				051.	
3.		Ek Bharat Shreshth	11th NOV 2019 to	Army Officers of Ek	10
		Bharat Camp – I	22 NOV 2019. At	Bharat Shreshth Bharat	
			Periyar Maniammai	Camp – I	
			University, Vallam,		
			Trichy.		

# **❖** Counselling for the Academic Performance improvement and career guidance

Year	No. of ward counsellors	No. of students/ ward counsellor	No. of meetings	No. of Students benefited	
	Counscilors	ward counsellor	Conducted	Male Female	
2014-15	08	5-6		22	23
2015-16	10	10		60	40
2016-17	16	10		69	59
2017-18	14	9-10	Every week	71	58
2018-19	13	10	•	81	45
2019 up to 30.11.2019	14	8-11		65	62

- Professional counsellor is invited to handle the students who face personal challenges in studies and college life.
- ❖ Male and female students are routinely counselled by the men and women faculty members respectively
- ❖ Career guidance is given to all the students during the course of the degree programme
- Orientation programme is conducted for the year undergraduate and postgraduate students to make them understand about their course curriculum.
- ❖ Ice breaking ceremony is conducted for the undergraduate students to accustom themselves with the new learning environment.

# **❖** Counselling for Industrial/Private sector Job Placement

Year	No. of students registered in placement cell	No. of campus interviews conducted	No. of students placed/ benefited
2014-15	-	1	31
2015-16	-	1	6
2016-17	-	-	-
2017-18	55	1	14
2018-19	64	1	47
2019 up to	20	-	-
30.11.2019			

# ❖ Personality and career development programmes conducted

Year	Name of the programme	No. of students benefited
2014-15	0	0
2015-16	0	0
2016-17	Motivational Training Programme for the Pre-final year students of Madras Veterinary College, Chennai was organized by the University Students' Counselling and Placement cell (USC & PC), Madras Veterinary College, Chennai on 25.04.2017 and 26.04.2017	110
2018-19		
2019 up to 30.11.2019	Developing better attitudes and self-confidence for successful career" were organized to the Veterinary graduates (UG & PG) under ICAR Development grant at the Department of LBM through RIPE Consultancy Services Pvt. Ltd.  o The first training programme was conducted for the benefit of 1st year BVSc graduates on 02.02.2019, on 16.02.19  o Similar training programmes at different level were conducted to	108
	II BVSc, V BVSc and PG students. A total of 76 students attended (35 girls and 32 boys of 2 <sup>nd</sup> year, 17 boys & 15 girls of final year, 22 Male and 21 female Scholars).	76
	Similarly, on 23.03.19, a training programme was organized for IV BVSc students and PG students of College of Food and Dairy Technology. (IV BVSc Boys: Girls: 26 M. Tech. Boys 4 Girls 5).	35

# **❖** Counselling for students in Physical Education − Sports and Games

S. No	Year	Name of the Training	Venue and date	Resource person	No. of Students participated
1.	2014-15	Cricket Team Coaching	MVC July 22 to July 25, 2014	Mr.Santhosh I Division Coach	36
2.		Hockey Team Coaching Camp	MVC April 15 <sup>th</sup> to 20 <sup>th</sup> 2014	Mr.Porchezhian IOB Player	24
3.		Volleyball Team Coaching Camp	MVC September 20 <sup>th</sup> to 24 <sup>th</sup> , 2014	Mr.Vijayakumar VFI Coach	30
1.	2015-16	Hockey Team Coaching Camp	MVC June 2 <sup>nd</sup> to 6 <sup>th</sup> 2015	Mr.Porchezhian IOB Player	24
2.		Basket Ball Coaching Camp	MVC August 20 <sup>th</sup> to 24 <sup>th</sup> , 2015	Mr. Francis League Player	20
3.		Cricket Team Coaching	MVC October 1 to 5, 2015	Mr.Santhosh I Division Coach	32
1.	2016-17	Volleyball Team Coaching Camp	MVC September 10 <sup>th</sup> to 14 <sup>th</sup> , 2016	Mr.Vijayakumar VFI Coach	30
2.		Hockey Team Coaching Camp	MVC October 3 <sup>rd</sup> to7th 2016	Mr.Porchezhian IOB Player	24

1.	2017-18	Volleyball Team	MVC	Mr.Vijayakumar	30
		Coaching Camp	June 5 <sup>th</sup> to 9 <sup>th</sup> ,	VFI Coach	
			2017		
2.		Hockey Team	MVC	Mr.Porchezhian	24
		Coaching Camp	July 5 <sup>th</sup> to 10 <sup>th</sup> ,	IOB Player	
			2017		
1.	2018-19	Cricket Team	MVC	Mr.Santhosh	34
		Coaching	June 10 <sup>th</sup> to 14 <sup>th</sup> ,	I Division Coach	
			2018		
2.		Hockey Team	MVC	Mr.Porchezhian	24
		Coaching Camp	July 10 <sup>th</sup> to 15 <sup>th</sup> ,	IOB Player	
			2018		
1.	2019 up to	Hockey Team	MVC	Mr.Porchezhian	24
	30.11.2019	Coaching Camp	June 7 <sup>th</sup> to 12 <sup>th</sup> ,	IOB Player	
			2019		
2.		Cricket Coaching	MVC	Mr.Sunish	26
		Camp	September 22 <sup>nd</sup>	II Division player	
			to 25 <sup>th</sup> , 2019		

# **\*** Counselling for students in Physical Education - Physical Fitness Training for students

S. No	Year	Name of the Programme	Venue and date	Resource person	No. of Students participated
1.	2014-15	Student Warm up	MVC	Dr.K.Shanthi	45 to 50
		and fitness	Weekly 3 days	Deputy Director of	
				Physical Education	
2.	2015-16	Student Warm up	MVC	Dr.K.Shanthi	45 to 50
		and fitness	Weekly 3 days	Deputy Director of	
				Physical Education	
3.	2016-17	Student Warm up	MVC	Dr.K.Shanthi	45 to 50
		and fitness	Weekly 3 days	Deputy Director of	
				Physical Education	
4.	2017-18	Student Warm up	MVC	Dr.K.Shanthi	45 to 50
		and fitness	Weekly 3 days	Deputy Director of	
				Physical Education	
5.		Yoga	MVC July 20 <sup>th</sup>	Mrs Sivagami	50
			to 22 <sup>nd</sup> , 2018	Yoga Instructor	
6.	2018-19	Student Warm up	MVC	Dr.K.P.Saravanan	45 to 50
		and fitness	Weekly 3 days	Assistant Director of	
				Physical Education	
7.	2019 up to	Student Warm up	MVC	Dr.S.Ezhilarasi	45 to 50
	30.11.2019	and fitness	Weekly 3 days	Assistant Director of	
				Physical Education	

# ❖ Counselling for grooming the students in Societal activities

S. No	Year	Name of the Programme	Venue and date	Resource person	No. of Students participated
	2014-15	<ul> <li>a. 19 Veterinary Health camps were conducted at Thiruvallur and Kancheepuram districts of Tamil Nadu. About 400 large ruminants, 1000 small ruminants, 75 dogs and 250 backyard poultry were treated / dewormed / vaccinated.</li> <li>b. 114 units of blood were donated by the NSS volunteers of Madras Veterinary College during the blood donation camps and at various hospitals at call during</li> </ul>	On various dates	NSS programme officers as a Veterinarian	110 students
		emergencies.  c. Free Eye Check-up Camp was conducted on 11.09.2014 at Madras Veterinary College in collaboration with M/s. Vasan Eye care, Chennai. About 120 students and staff of Madras Veterinary College benefited through the programme	On various dates	-	114 students
		d. Free Dental Check-up Camp was organized at Madras Veterinary College in collaboration with Dr. Arun, Practising Dentist, Chennai. About 180 students	11/09/2014	M/s. Vasan Eye care, Chennai.	120 students and staff
		and staff of Madras Veterinary College were benefited e. Dress materials and clothes were collected from students and staff of the college and donated to REHABOTH – the Home for	On various dates  On various dates	Dr. Arun, Practising Dentist, Chennai	180 students
		mentally disabled. <b>f.</b> Awareness visit on "Dog breeds" was arranged on 13.09.2014 at International Dog Show conducted by Kennel Club of India at Nandanam. 150 NSS volunteers benefitted through the programme.	13/09/2014	Nil  Kennel Club of India at Nandanam.	75 students 150 Students 75 students
		g. As a part of NSS activity of Madras Veterinary College a "Cow Care Camp" was conducted at the Goshala attached to Sri Veeraragharaswamy Temple, Thiruvallur. About 75 cows were vaccinated against Foot and Mouth disease, dewormed against parasites and treated for ailments. Fertility check-up was also done for all the cows.	On various dates	NSS programme officers as a Veterinarian	

2015-16	a Disad Danation 40 Units	Cirron on domand on		40 Ct. Janta
2015-10	<ul><li>a. Blood Donation – 40 Units</li><li>b. Veterinary service at Pinjarapole and treated 350 animals</li></ul>	Given on demand on various dates	-	40 Students
	c. Participation in Health/	05.03.2016	NSS programme	
	Eye/ Dental Camps and 240 participants benefitted		officers as a Veterinarian	20 Students
	d. Swatcha Bharat/Manual Labour		Vetermarian	20 Students
	activities		NSS programme	
	e. Self-Defence Training	17.03.2016, 05.04.2016	officers as a	
	<ul><li>f. Visit to 39<sup>th</sup> Chennai Book fair</li><li>g. Veterinary Health camps</li></ul>	02.10.2015	Veterinarian	40 students
	h. Competitions	02.10.2013		10 students
	i. Yoga Awareness and Action programme, Meditation camp	20.02.2016	NSS Volunteers	
	<ul><li>j. Flood relief camp</li><li>k. World zoonoses day and</li></ul>	11.06.2016		
	World Rabies day – Anti rabies vaccination	11.00.2010	NSS Volunteers	25 Students
	1. Service at Orphanage	02.04.2016, 05.03.2016,	NSS Volunteers	
	<ul><li>m. Orientation programme</li><li>n. Environment conservation</li></ul>	04.04.2016, 21.02.2016, 24.02.2016, 24.01.2016,		55 Students
	programme-World Sparrow day	30.04.2016		50 Students
		02.03.2016 04.03.2016, 21.06.2016		108
		02.10.2015, 29.10.2015		150
		02.03.2016 to		130
		04.03.2016, 21.06.2016		200
		23.12.2015, 24.12.2015, 26.12.2015		50
		06.07.2015, 28.09.2015,		16
		09.08.2015 and		
		31.12.2015		450
		26.01.2016, 23.09.2016		264
		21.03.2016		20
2016-17	<ul><li>a. Blood Donation – 160 Units</li><li>b. Veterinary camp</li></ul>	Given on demand on various dates	NSS volunteers	160
	c. Celebration of International Yoga day	04.02.2017,		
	1054 447	18.02.2017,		
		18.02.2017		
		29.03.2017 24.12.2016		200
		27.11.2016		
		26.11.2016		
		22.10.2016		100 .1 .
		21.06.2016	NSS volunteers	100 volunteers practically trained

2017-13	a. Guest lecture on Recent Dermatological Interventions in	20.04.2017	IV B.V.Sc and AH students	46 farmers benefitted
	Small Animals		Students	benefitted
	<b>b.</b> Veterinary Camp	29.04.2017		
		17.06.2017		
		18.06.2017	NSS volunteers	200 students
		23.07.2017		
		26.06.2017 29.07.2017		
		23.07.2017		
		09.07.2017		
		15.08.2017		
		19.08.2017		
		04.02.2018		
		24.02.2018		
		28.02.2018		
	c. Blood donation camp	21.12.2017		
		20.02.2018, 22.02.2018	Blood Bank, Rajiv	84 NSS
			Gandhi Govt.	volunteers
			Medical College	79 donors
			Fortis Malar	
		21.06.2017	Hospital, SRM	
			Hospital, Rajiv	4.5
			Gandhi Govt.	15 volunteers
			General Hospital, Chennai	85 volunteers
	d. International Yoga Day		85 volunteers	os voidineers
2018-19	a. Blood Donation Camp	23.08.2018	Madras Medical	8 Volunteers
	<b>b.</b> Veterinary Health camp		Mission,	
	c. INTERNATIONAL YOGA DAY CELEBRATIONS 2018	13.06.2018	Mogappair, Chennai	18 volunteers
		28.04.2018	NSS Programme	200 Volunteers
		23.06.2018	officers	participated
		23.06.2018		
		10.06.2018 10.06.2018		
		13.07.2018		
		19.07.2018		
		21.07.2018		
		21.07.2018		
		08.12.2018		
		10.02.2019		
		17.02.2019. 17.03.2019	Heartfulness	71 NSS
		17.03.2017	Foundation,	volunteers
		21.06.2018	Chennai	

### Veterinary College and Reasearch Institute, Namakkal

English coaching class for first and second year undergraduate students are conducted. Language skill enhancement done through computer assisted language laboratory.

- Communication and Soft skills training to Undergraduate students by World Bank approved Consultant Mrs.R.Radha, Smart Series, Bangalore under ICAR- IDP – NAHEP programme for two days
- a. 2019-20 batch (86 students) 13.11.2019 &14.11.2019
- b. 2018-19 batch (85 students) 24.06.2019 to 25.06.2019
- c. 2017-18 batch (78 students) & 2016-17 SSA batch (6 students) 27.06.2019 and 28.06.2019
- d. 2016-17 batch (83 students) 04.03.2019 & 05.03.2019
- e. 2015-16 batch (63 students) 06.03.2019 & 07.03.2019

#### Cultural centre

A separate air conditioned cultural centre measuring 3600 sq. ft. (100 x 36 ft.) with a capacity to accommodate 500 students has been established in this campus in the year 2001. The centre has public address system, audiovisual aids, stage, podium, rest room and cubicle for refreshing. This centre is effectively used for conducting student's cultural events during college annual day, agricultural education day, literary competitions, quiz competition in various disciplines of Veterinary Science. In addition, the centre is also utilized for organizing orientation programme for freshers, health camp for students, and faculty meeting.

#### Personality development

- a. Motivational lecture by alumni of TANUVAS 24.06.2016
- b. Pharmaceutical Meet Various firms are invited to share the knowledge and update the students on drugs, bio molecules and employment opportunities.
- c. Career orientation program for the U.G pre final year and PG students (56 students) was organized by the Department of Animal Nutrition, VC&RI, Namakkal 09.04.2018
- d. Career guidance programme on "Preparedness to face the Competitive Challenges in the Veterinary Practice" is organised every year before internship programme 2012 13 batch 19.04.2017, 2013 -14 batch 27.04.2017, 2013-14 batch 25.04.2018
- e. Engaging Budding Vets programme for undergraduate students was conducted on 30.07.2018
- f. Hands on training by adjunct faculty to undergraduate students
  - Fifteen undergraduate students of III B.V.Sc & AH were trained by Dr. Sheela Ramamurthy, Adjunct faculty from North Dakota State University, USA from 20<sup>th</sup> to 22<sup>nd</sup> November, 2019 on "Molecular methods in Microbiology".
  - Thirty undergraduate students of IV and V B.V.Sc & AH were trained by Dr. Lionel J Dawson, Adjunct faculty from Oklahama State University, USA from 18 to 20<sup>th</sup> December, 2019 on Clinical practice of Veterinary Gynaecology and Obstetrics"

### Veterinary College and Reasearch Institute, Tirunelveli

#### Communication Skill development / Personality development class

Personality development Classes on stress management, time management and communication skill development are being taken up for the first year students by the specialised faculty members. Recently, a Leadership motivation and personality development programme was organized by the NSS unit of our college on 8.11.2019.

**Sports**Following infrastructure facilities are available for sports activities

S. No.	Facilities	Number
1	Standardized 400 meters track having 8 lanes along with the provision of utilizing the innermost arena for Short put (2.135 metres circle), Javelin throw (30 m length) and Discus throw (2.5 m diameter).	1 No
2	Long jump cum triple jump pit – Run way 40 metres and pit size of 10 m x 3 m	1 No
3	Football court with 110 x 65 yards size	1 No
4	Cricket ground with the arena of having 75 yards (68.55 metres)	1 No
5	Volley ball court having 18 x 9 metres along with free zone	1 No
6	Ball Badminton court with a size of 12 x 24 metres	1 No
7	Badminton court with a size of 13.4 x 6.1 metres	1 No
8	Tennikoit court with a size of 12.2 x 10 metres	1 No
9	Kabaddi court with a size of 12.5 x 10 metres	1 No
10	Kho-Kho court with a size of 16 x 2.75 metres	1 No
11	Indoor games hall for playing table tennis, carrom and chess	1 No
12	Indoor Gym Hall with all fitness equipment	1 No

#### Redressal of students' grievances

Education cell consisting of one professor and an assistant professor has been established to take care of the student's academic progress. In addition ward counsellors are taking care of the students allotted to them. There is a separate SC/ST cell is functioning at the University level address the grievances of SC/ST students. The Dean, Vice President, Professor, Education cell and Warden act in close coordination with the students to identify problems and lend support to the students.

### Tamil Mandram

A forum called 'Tamil Mandram' has been started during 2014 to bring out the talents of the students in Tamil literature and arts. Our students also proved their talent in our mother tongue (Tamil) by wining prizes.

#### **Students Computer Centre and Internet Kiosk**

A student's centre with free access and an internet kiosk with a speed of 100 Mbps from BSNL in a separate hall are available in the college to provide internet access to students. In addition, the library also has systems with internet for access of books and searching in the internet.

#### Student's cafeteria

The college runs a cafeteria on non-profit basis to provide snacks and beverages at nominal cost for the benefit of staff and students.

### Veterinary College and Reasearch Institute, Orathanadu

#### **Communication Skill development /Personality development class:**

Personality development Classes on stress management, time management and communication skill development are being taken up for the first year students by the specialized faculty members.

Year	Programme	No. of students/ faculties participated	Resource person
2018	Psychological counselling	288	Dr. D.Selvaprasad MD
			Psychologist,
			Government Hospital,
			Nagapattinam.
2019	Motivational lecture for	80	Thiru S. Muthusamy Ayya
	first year students		Head Master (Retd.),
			Government High School,
			Pappanadu
2019	Role of students in the	240	Tmt.N.Jeyachitra,
	Current Digital World		Personality Development
			Speaker
2019	Re-Engineering our	100	Mr. Lime Ganesh,
	thoughts to redefine our		Personality development
	Life		Trainer

#### Redressal of students' grievances

❖ Education cell consisting of one Professor one Associate Professor and one Assistant Professor has been established to take care of the students' academic pursuits. In addition each staff member is allotted students who helps in solving the problems of the students and try to help the students in academic and other related problems. A separate SC/ST cell is functions at the University level to address the grievances of SC/ST students. The Dean, Vice President, Professor, Education cell and Warden act in close coordination with the students to identify problems and lend support to the students.

### **Students Co-Operative Stores**

Students' Cooperative stores functioning in this college caters to the needs of staff and students. They stock stationery and other day to day items and supply them at nominal rates to the students.

### **Day Scholar amenities**

For the benefit of day scholar students of our college, a day scholar room is being maintained in the college with facilities for safety locker cupboards and reading area.

## **Students Computer Centre and Internet Kiosk**

A student centre with free access and an internet kiosk in a separate hall is available in the college to provide internet access to students. In addition, the library also has systems with internet for access of books and internet usage.

Campus	No. of computers	No. of Wifi Hubs	Speed limit	Service provider	No. of student beneficiaries
College	25	15	40 mbps under	BSNL	377
			NMEICT		
Hostel	7	2	40 mbps under	BSNL	370
			NMEICT		
Library	15	1	40 mbps under	BSNL	377
			NMEICT		

#### Students' cafeteria

The college runs a cafeteria on non-profit basis to provide beverages at nominal cost for the benefit of staff and students.

# Wild life and Aquatic Animal Medicine Club

The club annually celebrates Wildlife week and conducts competitions to facilitate the students to involve in wild life health and conservation activities.

Year	Date	Theme/Event	Number of students benefited
2016	04.10.2016	Wildlife Quiz for school students	40 students
	04.10.2016	Wildlife Veterinary Quiz for Veterinary Students	60 students
	05.10.2016	Rangoli competition for Veterinary Students	28 students
	05.10.2016	Wildlife Photography competition	60 students
	07.10.2016	1st Annual day celebration of Wildlife and Aquatic Medicine Club and Wildlife Week celebration - 2016	180 faculties and students
2017	21.03.2017	World Forestry Day – Special Lecture Programme Dr.P.Ramachandran, Wildlife Veterinarian, Animal Care Trust, Rajapalayam, delivered a special lecture on 'Wildlife Census- An overview' Dr.P.Selvaraj, Professor and Head, Department of Veterinary Medicine delivered lecture on 'Career opportunities for Veterinary Students in Wildlife Sector' for the benefit of students	120 students
	12.12.2017	Guest lecture programme Dr.R.Nagarajan, Principal, AVC College (Autonomous), Mayiladuthurai delivered a special lecture on 'Wildlife Conservation: Issues and challenges'.	135 students
	12.12.2019	2 <sup>nd</sup> Annual day celebration of Wildlife and Aquatic Medicine Club and Wildlife Week celebration – 2017. e-Magazine of WAAM club on 'Wildlife vets' was released	150 students
	17.12.2017	Clinical Students Workshop 'Rescued Snake Handling and It's Clinical Care'	60 students fourth and final B.V.Sc & A.H. students

	19.12.2017	Hands on training on Darting and Animal Tranquilization For fourth and final B.V.Sc & A.H. students	60 fourth and final B.V.Sc & A.H. students
2018	07.07.2018	Clinical Students Workshop WAAM club organized a clinical students workshop on 'Rescued Snake Handling and It's Clinical Care' for Fourth and Final B.V.Sc. & AH students.	40 fourth and final B.V.Sc & A.H. students
2019	21.10.2019	Wildlife Photography with theme on 'Backyard Wildlife of VC&RI, Orathanadu'	26 Students
	22.10.2019	Wildlife Veterinary Quiz - 2019	140 students
	23.10.2019	Technical session : Special lecture on Reptiles : Current strategy on conservation	60 students fourth and final B.V.Sc & A.H. students
	23.10.2019	4 <sup>th</sup> Annual day celebration of Wildlife and Aquatic Medicine Club and Wildlife Week celebration – 2019.e-Resources compendium on Wildlife Medicine' was released.	90 students and faculties of VC&RI, Orathanadu
	25.12.2019	Hands on training on Darting and Animal Tranquilization for final year students	43 final B.V.Sc & A.H. students

#### Pharmaceutical meet

Every year, Pharmaceutical Meet is being organized in this college for the outgoing final B.V.Sc.&A.H students. The faculties of clinical departments and final year students participate in the meet. Executives from various pharmaceutical companies explain and exhibit their products for the benefit of students.

#### Field visits/Study Tours/Hands on training

Field visits are regularly arranged by various department to visit nearby dairy farms, poultry farms, stud farms and Dairy, Poultry processing Plants, Meteorological stations and Vaccine production Institutes for the student to empower the practical knowledge and skill development.

## College of Poultry Production and Management, Hosur

#### Communication Skill development /Personality development class

Personality development Classes on stress management, time management and communication skill development are being taken up for the first year students by the specialised faculty members.

Sl. No.	Date	Activity	
01	28.03.2016 and 29.03.2016	Personality development programme	

#### **Sports**

Following infrastructure facilities are available for sports activities

- 1. Football court for boys
- 2. Volley ball court for boys
- 3. Throw ball court for girls
- 4. Badminton for boys and girls
- 5. Table Tennis for boys and girls
- 6. Play Ground- Cricket for boys
- 7. Mini gym for boys and girls
- 8. Carrom and Chess board for boys and girls

#### Year 2015-16

❖ 30 Number of students (21 boys and 9 girls) participated in TANUVAS Silver Jubilee Inter Collegiate Sports Tournament held in Madras Veterinary College, Chennai on 3<sup>rd</sup> and 4<sup>th</sup> July 2015.

### • Year 2017-18

- ❖ Mr. K. Vijay Anand, BTP 15018, III B.Tech (PT), has bagged gold medal for JUDO in 60 Kg category in the 1<sup>st</sup> national level Inter-Zone rural games 2017-18 held at Nevasa District, Maharashtra from 15<sup>th</sup> − 17<sup>th</sup> December 2017.
- ❖ Mr. N.T. Shiva, BTP 16015, II B.Tech(PT), has won Silver medal for boxing 60 Kg category at the 4th Rural Games Federation cup − 2018 held from 19th 21st January 2018.
- ❖ Participation in Inter-Agricultural sports meet students have participated in XVII All India Inter Agricultural Sports Meet held Bengaluru(USAB) from 30.01.2018 to 03.02.2018

#### • Year 2018-19

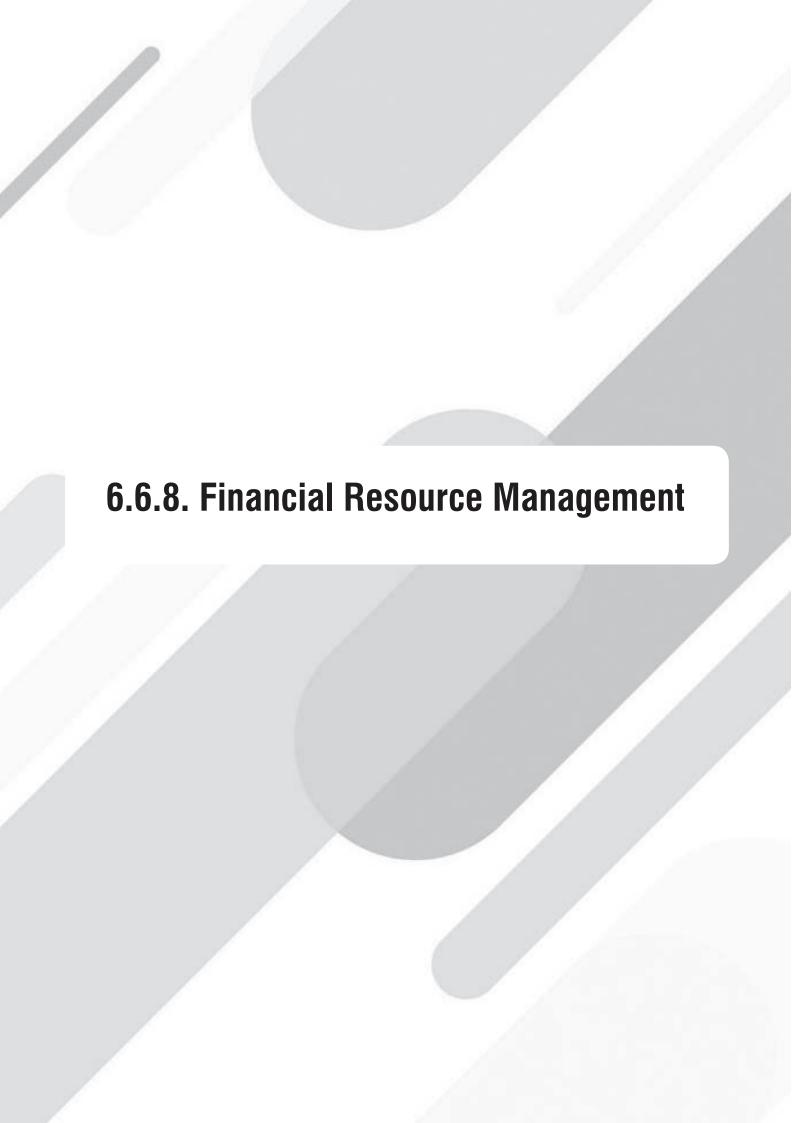
- Mr. N.T. Shiva, BTP 16015, III B.Tech(PT), has participated in the II South zone Rural Games 2018-19 from 19-20th May 2018 and achieved GOLD medal. Also he have won GOLD medal at both IV State Rural Games 2018 held from 18th- 19th August 2018 and at VIII National Rural Games held from 30th November to 2nd December 2018.
- ❖ Mr. P. Bharathi Raja of I year B.Tech (PT), have participated and won GOLD medal for boxing at the 1st Inter Zone The Panchyat Yuva Krida Aur Khel Abhiyan (PYICKA) Games − 2019 held from 11th to 13th January 2019.
- ❖ Mr. K. Vijay Anand, BTP 15018, IV B.Tech (PT), has participated at All India Inter university Judo championship held at Ludhiana, Punjab representing TANUVAS in 60kg category.
- ❖ Mr. V. Niranjan, I year B.Tech (PT) has participated in All India Inter university Ball badminton championship held at Chennai, representing TANUVAS from 13th to 14th December 2018.

No.	Youth Festival	Name of Award	Name of Awardee	Purpose
1.	Youth	SECOND position	K.VIJAY ANAND	HAND BALL at Chief
	Festival	in HAND BALL	(BTP 15018)- III Year-B.	Minister's Trophy, organized
		at Chief Minister's	Tech(PT) Student	by SDA of Tamil Nadu.
		Trophy		
2.	Youth	Gold medal in	N.T.SHIVA	Received Gold medal
	Festival	BOXING	(BTP 16015)- II Year-B.	in BOXING (81-91 kg
		(81-91 Kg category)	Tech(PT) Student	category) in VIII National
				Rural Games-2018 held at
				Pondicherry.
3.	Youth	Gold medal in	N.T.SHIVA	Bagged Gold medal in
	Festival	BOXING	(BTP 16015)- II Year-B.	Boxing (75-81kg category)
		(75-81 Kg category)	Tech(PT) Student	in II South zone Rural
				Games (2018-19) held at
				Komarapalayam, Namakkal.

#### Field visits/Study Tours/Hands on training

Field visits are regularly arranged for student to visit nearby dairy farms, poultry farms, breeder units, hatchery and feed mill unit, poultry processing plants as a part of course curriculum during practical hours to get the practical knowledge and skill development.

In addition, Students of B. Tech. (PT) are regularly taken for All India Study tour for 15 days. They have been visiting various Government and Corporate Poultry Institutions and interacted with respective scientists.



# **6.6.8. Financial Resource Management**

# 6.6.8.1 Budget allocation

College wise budget allocation for salary, contingency and amount received through the ICAR development grant during last five years.

Give a note on the sufficiency of the fund to meet the academic requirement in last five years.

	Name of the College	Budget allocation in 2014-15			
S. No.		For Salary	For Contingency	ICAR Development Grant	
1	Madras Veterinary College	24,41,36,941.00	5,70,60,684.65	68,35,706.09	
2	VCRI, Namakkal	15,36,63,630.00	3,49,36,838.00	55,77,795.00	
3	VCRI, Orathanadu	6,37,54,537.00	1,66,38,112.00	61,10,000.00	
4	VCRI, Tirunelveli	6,43,61,599.00	1,63,70,298.00	60,80,000.00	
5	IFDT, Koduvelli	2,17,99,620.00	80,71,393.00	52,10,000.00	
6	IPPM, Hosur	1,00,60,102.00	46,51,609.00	23,15,000.00	

	Name of the College	Budget allocation in 2015-16			
S. No.		For Salary	For Contingency	ICAR Development Grant	
1	Madras Veterinary College	25,24,12,784.00	4,86,65,360.43	1,21,97,252.52	
2	VCRI, Namakkal	15,84,04,494.00	3,67,81,566.08	45,83,636.00	
3	VCRI, Orathanadu	7,54,64,830.00	2,79,48,426.00	12,58,287.00	
4	VCRI, Tirunelveli	7,80,69,347.00	2,11,31,123.00	12,50,000.00	
5	IFDT, Koduvelli	2,51,16,310.00	84,57,957.00	25,50,000.00	
6	IPPM, Hosur	1,80,46,623.00	57,97,342.00	13,00,000.00	

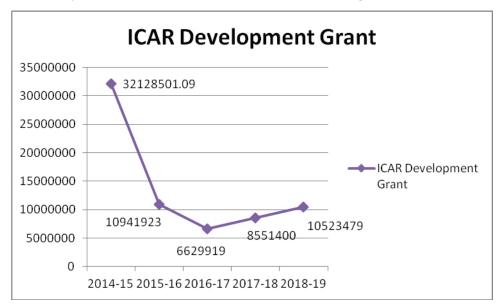
	Name of the College	Budget allocation in 2016-17			
S. No.		For Salary	For Contingency	ICAR Development Grant	
1	Madras Veterinary College	26,56,58,336.00	4,87,29,230.29	1,58,59,720.00	
2	VCRI, Namakkal	14,85,37,879.00	3,68,74,592.43	1,12,73,419.00	
3	VCRI, Orathanadu	7,94,07,509.00	2,90,77,253.82		
4	VCRI, Tirunelveli	8,21,79,882.00	2,02,81,632.00		
5	IFDT, Koduvelli	2,94,35,290.00	89,94,522.00	66,29,919.00	
6	IPPM, Hosur	2,13,78,446.00	71,65,012.00		

S.		Budget allocation in 2017-18			
No.	Name of the College	For Salary	For Contingency	ICAR Development Grant	
1	Madras Veterinary College	25,60,07,181.00	4,97,57,390.00	2,18,68,356.00	
2	VCRI, Namakkal	15,17,47,835.00	3,57,94,837.43	1,01,94,800.00	
3	VCRI, Orathanadu	8,63,12,507.00	2,95,16,440.00		
4	VCRI, Tirunelveli	9,08,77,934.00	2,58,77,959.00		
5	IFDT, Koduvelli	3,61,62,659.00	1,02,75,537.00	85,51,400.00	
6	IPPM, Hosur	2,29,34,198.00	74,02,159.00		

S. No.	Name of the College	Budget allocation in 2018-19			
		For Salary	For Contingency	ICAR Development Grant	
1	Madras Veterinary College	27,60,64,237.00	5,17,18,695.16	1,06,83,574.00	
2	VCRI, Namakkal	18,56,35,225.00	3,50,92,028.00	63,65,107.00	
3	VCRI, Orathanadu	8,57,70,586.00	3,59,72,476.00		
4	VCRI, Tirunelveli	9,00,10,514.00	2,65,08,764.00		
5	IFDT, Koduvelli	4,21,89,719.00	1,02,46,714.00	41,58,372.00	
6	IPPM, Hosur	2,50,00,214.00	71,70,996.16		

Year	ICAR Development Grant
	Received (in Rs.)
2014-15	32128501
2015-16	10941923
2016-17	6629919
2017-18	8551400
2018-19	10523479

The above table shows that ICAR Development Grant Received for the University was Rs. 32128501 in 2014-15 which had been reduced to Rs. 10941923 in 2015-16 and further reduced to Rs. 6629919 in 2016-17. From thereafter the ICAR Development Grant had been increasing and was Rs. 8551400 in the year 2017-18 and Rs. 10523479 in 2018-19. Though the amount received from ICAR was not enough, the academic programme of the University was met out from the State funds and research grants.



### 6.6.8.2 Financial committee meeting held the last Five financial years

Schedule of the meetings of the financial committee held in the last five years.

2014-15	2015-16	2016-17	2017-18	2018-19
	26.06.2015,	18.05.2016	11.04.2017	06.06.2018,
	19.01.2016			30.10.2018

# 6.6.8.3. Internal Resources Generation

Give a comprehensive report (College wise) internal resource generation through different sources for last five years. How this money is being utilized for the academic programme and research work of students? Give a brief note.

SI.No.	Total Revenue generated	Quantity supplied	Amount in Rs.
1	Consultancies	28436	3259920
2	Certification	182	205500
3	Testing	337988	61055135
4	Tuition fee	96	1152000
5	Licensing	-	-
6	Training	33578	21234641
7	Sale of Inputs (Meat, Meat products, Feed, Mineral	1497975	484581260
	mixture, Seed, Fodder slips etc.)		
8	Commercialization of technologies	5	921105
9	Any other, Please specify (Livestock germplasm, Liquid	1006748	32861800
	nitrogen, Semen straw etc.)		
		Total	606192466

**6.6.8.4. External Funding**: How much resources the University has mobilized from the external sources (give the list) based on the competitive mode in last five year?

# **For the Year 2014-15**

# **RESEARCH PROJECTS IN OPERATION (2014-15)**

Sl. No.	Funding Agencies	No. of Projects	Budget (`in lakhs)
1	Indian Council of Agricultural Research, New Delhi (Funding: 100% - 24 projects and 75% - 5 projects)	29	2055.21
2	Department of Biotechnology, New Delhi	21	3037.74
3	Department of Science and Technology, New Delhi	18	624.18
4	Agricultural and Processed Food Products Export Development Authority, New Delhi	1	436.23
5	Department of Animal Husbandry, Dairying and Fisheries, GOI, New Delhi	3	425.00
6	Ministry of Food Processing Industries, New Delhi	3	356.90
7	Ministry of Agriculture, New Delhi	9	258.74
8	National Bureau of Animal Genetic Resources, Karnal	1	58.50
9	National Bank for Agricultural and Rural Development, Mumbai	5	18.32
10	Tamil Nadu Government Agencies	20	1205.62
11	Government of Tamil Nadu under Part II	4	241.49
12	National Agricultural Development Programme	4	504.35
13	Other Agencies M/s. Orchid Research Laboratories Ltd., Chennai Yasham Bio-sciences Pvt Ltd, Mumbai Ayurvet Ltd, Katha Village, Himachal Pradesh (3) M/s. VWF Industries Pvt. Ltd., Mysore M/s. Zero Waste Agro Organics Ltd., Pune M/s. SAVAVET, Sava Health Care Limited, Pune M/s. Kemin Industries South Asia Pvt. Ltd., Chennai M/s. Boehringer Ingelheim Pvt. Ltd, Mumbai (2) M/s. Himalaya Drug Company, Mekali, Bangalore M/s. Mahindra Consulting Engineers Ltd., Madurai M/s. Indian Immunologicals Ltd., Hyderabad M/s. Phyto Specialities Pvt. Ltd., Chennai	15	59.73
14	International Agencies BBSRC, UK (4) British Council of India, UK SEPPIC, FRANCE UKIERI, India / UK M/s Evonik (SEA) Private Ltd, Singapore	8	272.01
	Grand Total	141	9282.01

# **Schemes sanctioned (2014-15)**

Sl. No.	Title of the scheme	Funding Agency	Budget (₹ in lakhs)
1	Sustainable tribal livelihood through scientific backyard desi chicken rearing in Kolli Hoills	ICAR, New Delhi	53.40
2	Technology enhanced Learning in Agricultural Education (TELAgE)		41.00
3	All India Network Programme on Diagnostic Imaging and Management of Surgical Conditions in Animals		313.00
4	Isolation and Characterization of in vitro generated Mesenchymal stem cells from ovine umbilical cord tissue wharton's jelly for therapeutic use	DBT, GOI, New Delhi	22.68
5	Animal Biotechnology Career Enhancement Programme (ABCEP)		126.34
6	Development of a novel production technology to enhance the scalability and affordability of the peste des petits ruminants (PPR) vaccine		56.00
7	Development of recombinant antigen based diagnostics and chimeric plant virus like particle based vaccine for Infectious bursal disease virus		19.27
8	Controlling enteric pathogen of poultry: host / microbiota interactions, risk assessment and effective management interventions		54.10
9	A novel protection system for delivery of immunomodulatory probiotic bacteria in chicken	_	40.32
10	Development of multiplex PCR for differential diagnosis of respiratory immunosuppressive disease complex in poultry	DST, GOI, New Delhi	23.29
11	Sustaining the livelihood of rural weaker sections through innovative scientific dairy farming technologies of Vellore and Cuddalore districts in Tamil Nadu		24.23
12	Fund for improvement of S &T infrastructure in universities and higher educational institutions (FIST ) level I		45.00
13	Establishment of Animal Feed Analytical and Quality Assurance Laboratory at VC&RI, Orathanadu	DAHD&F, MOA, GOI, New Delhi	115.00
14	Farmers Field School at VUTRC, Karur		0.30
15	Establishment of modernized piggery breeding farm at Orathanadu		65.00
16	Establishment of feed testing laboratory at Orathanadu		28.00
17	Establishment of feed testing laboratory at Tirunelveli		28.00
18	Conservation of Bargur cattle	NBAGR, Karnal	58.50
19	Crohn's disease in India: A multicentre study from a country where Intestinal Tuberculosis as well as Johne's disease is endemic	Indian Council of Medical Research (ICMR), New Delhi	17.85
20	Novel techniques and Farm Gate Tests for udder health and maximization of milk yield	TNSCST, Chennai	0.50
21	Conservation of native dog breeds of Tamil Nadu by preservation of frozen semen and artificial insemination		4.30
22	Fodder cultivation technologies with specific reference to farm mechanization, micro irrigation and grassland management	Directorate of Animal Husbandry and Veterinary Services, GoTN	16.53
23	Efficacy of oral pellet vaccine for New Castle disease among desi bird farmers of Tirunelveli district	ATMA	1.00
24	Development of cost effective Hydroponic fodder production device for sustainable fodder production		2.98
25	Assessment of different integrated farming system components suitable for wetland ecosystem of Kancheepuram District		1.00

26	Establishment of Veterinary University Disease Diagnostic Laboratory at Tirunelveli	GoTN	185.06
27	Establishment of fodder production units in Meikkal Poramboke lands in Villupuram and Vellore districts		694.80
28	Economic Impact of integrated farming system in selected farmers holdings of Villupuram district	State Planning Commission, Chennai	4.79
29	Nanotechnology facility to augment farm animal production and health	NADP	120.00
30	Water conserving hydroponic green forage production for livestock farming		28.85
31	Establishing Regional feed processing and demonstration unit		184.00
32	Regional Dairy Entrepreneurs Training Facility (RDEF)		171.50
33	Effect of herbal amino acid (Methiorep) supplementation on the productive performance of hybrid layer chicken	Ayurvet Ltd, Katha Village, Himachal	6.47
34	Comparative efficacy evaluation of Herbal liver tonic (Superliv.conc. premix) on growth performance, nutrient utilization & carcass traits in broilers	Pradesh	2.06
35	Influence of structured water on the performance of broilers	M/s. VWF Industries Pvt. Ltd., Mysore	2.20
36	Performance of commercial broilers treated with herbal probiotics as a spray and or as a feed supplement	M/s. Zero Waste Agro Organics Ltd., Pune	5.83
37	Evaluation of efficacy of Fipronil (S) and Methoprene Spot on formulation against ticks and fleas in naturally infested Dogs	M/s. SAVAVET, Sava Health Care Limited, Pune	0.94
38	Studies on supplementation of protease, multienzymes and lysophospholipids on growth performance of broilers	M/s. Kemin Industries South Asia Pvt. Ltd., Chennai	5.02
39	Isolation and molecular characterization of <i>Avibacterium</i> paragallinarum in Poultry	M/s. Boehringer Ingelheim Pvt. Ltd,	3.64
40	Isolation and pathological characterization of <i>Gallibacterium anatis</i> in Poultry	- Mumbai	3.00
41	Comparative efficacy study of Geriforte Vet powder and Geriforte Vet liquid with Levamisol in commercial broilers	M/s. Himalaya Drug Compnay, Mekali, Bangalore	1.39
42	Empowerment of recovered persons of mental illness through dairy farming activity in Madurai District	M/s. Mahindra Consulting Engineers Ltd.,	2.93
43	Efficacy and safety study of recombinant porcine cysticercosis vaccine (TSOL 18 Vaccine) in Pigs	M/s. Indian Immunologicals Ltd., Hyderabad	8.69
44	Clinical trial on their efficacy of Thrombup (containing extracts of <i>Carica papaya</i> leaf and <i>Tinospora cordifolia</i> ) in dogs with thrombocytopenia	M/s. Phyto Specialities Pvt. Ltd	0.65
45	Molecular epidemiology of ticks and tick borne disease, host resistance and development of novel pathogen vaccines at MVC, Chennai	DBT- BBSRC	109.93
46	Molecular epidemiology of ticks and tick borne disease, host resistance and development of novel pathogen vaccines at VC&RI, Namakkal		84.51
47	Collaboration on diagnosis of emerging viruses (CoDEV)		26.81
48	Studies on the safety and efficacy of poultry vaccines (combined vaccines against Newcastle Disease and Avian infectious bronchitis)	SEPPIC, France	4.91
	Total		2815.57

# For the Year 2015-16:

# **RESEARCH PROJECTS IN OPERATION (2015-16)**

Sl. No.	Funding Agencies	No. of Projects	Budget (₹ in lakhs)
1	Indian Council of Agricultural Research, New Delhi	32	2029.20
	(Funding: 100% - 27 projects and 75% - 5 projects)		
2	Department of Biotechnology, New Delhi	29	3567.46
3	Department of Science and Technology, New Delhi	17	532.99
4	Department of Animal Husbandry, Dairying and Fisheries, Government of India, New Delhi (National Livestock Mission; National Programme for Bovine Breeding etc.)	10	749.70
5	Ministry of Agriculture, New Delhi	3	134.92
6	National Agricultural Development Programme	6	1294.61
7	Ministry of Food Processing Industries, New Delhi	4	409.81
8	Ministry of AYUSH, New Delhi	2	91.62
9	National Bureau of Animal Genetic Resources, Karnal	1	58.50
10	National Bank for Agricultural and Rural Development, Mumbai	6	14.63
11	Government of Tamil Nadu Part II and TANII State Planning Commission Other Tamil Nadu Government Agencies / Departments National Biodiversity Authority, Chennai	9 12 8	2787.30 244.89 117.86 5.25
14	Other Agencies Yasham Bio-sciences Pvt Ltd, Mumbai M/s. Boehringer Ingelheim Pvt. Ltd, Mumbai (2) Ayurvet Ltd, Katha Village, Himachal Pradesh (4) M/s. Indian Immunologicals Ltd., Hyderabad M/s. Mahindra Consulting Engineers Ltd., Madurai M/s. SAVAVET, Sava Health Care Limited, Pune M/s. Phyto Specialities Pvt. Ltd., Chennai M/s. Kemin Industries South Asia Pvt. Ltd., Chennai M/s. Himalaya Drug Company, Mekali, Bangalore SEVA, Madurai	14	54.81
15	International Agencies BBSRC, UK (4) British Council of India, UK SEPPIC, FRANCE UKIERI, India / UK M/s Evonik (SEA) Private Ltd, Singapore	8	194.69
	Grand Total	162	12288.24

# **Schemes sanctioned 2015-16**

Sl. No.	Title of the scheme	Funding Agency	Budget (Rs. in lakhs)
1.	Strategies for the development of a novel monoclonal antibody based diagnostic kit for early detection of animal leptospirosis	ICAR, New Delhi	30.00
2.	Gender knowledge system in Agriculture		5.80
3.	Immunoinformatics and cloning of vaccine candidate epitopes of Mycobacterium avium sub sp. Paratuberculosis		29.78
4.	Adaptation and Mitigation strategies in poultry to thermal stress through nutritional and environmental manipulations		8.50
5.	Understanding the immune mechanism of host disease and development of marker vaccines and DIVA test for Peste des Petits ruminants	DBT, GOI, New Delhi	66.51
6.	Development of oral pellet fowl cholera vaccine		24.22
7.	External validation of diagnostic assays for detection of anti brucella antibodies developed under the DBT network project on Brucellosis		33.70
8.	Evaluation of virus like particle vaccine against a fatal viral disease of dogs in target species		35.75
9.	A novel protection system for delivery of Immunomodulatory probiotic bacteria in chicken		40.32
10.	Pig husbandry based integrated approach for empowerment of SC/ST rural women of Kolli Hills of Tamil Nadu		36.10
11.	Multiplex PCR for detection of infectious agents associated with egg shell apex abnormalities in layer chicken	DST, GOI, New Delhi	5.50
12.	Poultry Meat Production, Processing and Value-addition to science and technology persons		3.00
13.	Technology empowerment of small holding livestock procedure of scheduled caste communities in Katpadi and Vellore blocks of Vellore district in Tamil Nadu		38.25
14.	Therapeutic efficacy of Rasaganthi Mezhugu (RGM) in 7-12 dimethyl Benzanthracene (DMBA) induced mammary tumors in rats	Ministry of AYUSH	28.20
15.	Validation of the Pharmacological efficacy of Nandhi Mezhugu, pretreatment with Kummati Mezhugu in Preclinical models of ovulation and its application in veterinary medicine for ovulatory disorders in cattle		63.42
16.	Capacity building in technology based Turkey and Desi fowl farming to augment more profit	NABARD	1.92
17.	Augmenting milk production in dairy cattle by "TANUVAS Grand supplementation" in Tiruneveli District		3.77
18.	Enumeration of Vembur sheep in its breeding tract	SEVA, Madurai	0.40
19.	Augmenting fertility and reproductive potential in buffaloes through estrus synchronization using low cost and indigenously developed progesterone implant at Veppanapalli and Kelamangalam blocks of Krishnagiri District	State Planning Commission, Chennai	26.49
20.	Empowering of tribal women by developing desi chicken enterprise		37.53
21.	Augmenting fertility and reproductive potential in buffaloes through estrus synchronizaton using low cost and indegeneously developed progresterone implant at Pallacode and Pennagaram blocks of Dharmapuri District		18.49
22.	Evaluation of Bovine digesta from slaughter house waste as organic fertilizer and for bioremediation of pesticide and tannery effluent polluted soil		10.80

23.	Soil-foods-livestock interface to augment productivity (Phase I & II)		16.00
24.	Evaluation of state plan scheme - Ensuring economic upliftment of rural women through buffalo rearing	TNLDA	3.01
25.	Establishment of <i>in situ</i> conservation centre for Bargur Cattle	Govt. of India under National	516.50
26.	Establishment of National facility for molecular screening of cattle for inherited disorders and parentage verification	Programme for Bovine Breeding	3.80
27.	Establishment of Regional Artificial Insemination Training Centre at VC&RI, Orathanadu and Artificial Insemination Training Centres at VC&RI, Namakkal; VC&RI, Tirunelveli and Veterinary University Peripheral Hospital, Madhavaram	Govt. of India under National Programme for Bovine Breeding (Multi purpose Artificial Insemination Technician for Rural India)	100.00
28.	Skill training in non-farming based activities in Livestock and Poultry industries	Tamil Nadu Skill Development Corporation	86.95
29.	Preparation of Coffee table book on Animal Genetic Resources of Tamil Nadu	National Biodiversity Authority	5.25
30.	Animal Mobile Medical Ambulance for Rural Veterinary Care in Tamil Nadu	Govt. of India (NADP)	633.96
31.	An analysis of Species-wise Animal Disaster Management in India	World Animal Protection India, New Delhi	2.07
32.	Early nutrition (Chikimune) and natural growth promoter on the performance and immunity in commercial broiler chicken	Ayurvet Ltd, Katha Village, Himachal Pradesh	1.37
33	Efficacy and safety study of recombinant porcine cysticercosis vaccine (TSOL 18 Vaccine) in Pigs	M/s. Indian Immunologicals Ltd., Hyderabad	8.69
	Total		1926.05

# **PART II Schemes**

Name of the scheme	Amount (₹ in lakhs)
Establishment of Kanni and Kodi Adu Goat Units at VC&RI, Tirunelveli for production and distribution of superior germ plasm for the upliftment of	40.08
9	29.41
TOTAL	69.49
	Establishment of Kanni and Kodi Adu Goat Units at VC&RI, Tirunelveli

# For the Year 2016-17:

# **RESEARCH PROJECTS IN OPERATION (2016-17)**

Sl. No.	Funding Agencies	No. of Projects	Budget (Rs. in lakhs)
1	Indian Council of Agricultural Research (ICAR), New Delhi (100% funding - 30 projects and 75% funding - 5 projects)	35	1905.23
2	Department of Biotechnology (DBT), New Delhi	31	3689.25
3	Department of Science and Technology (DST), New Delhi	21	877.15
4	Department of Animal Husbandry, Dairying and Fisheries, Government of India, New Delhi (National Livestock Mission; National Programme for Bovine Breeding and National Agricultural Development Programme)	17	2357.61
5	National Bureau of Animal Genetic Resources (NBAGR), Karnal	1	58.5
6	National Bank for Agricultural and Rural Development (NABARD), Mumbai	10	38.45
7	Government of Tamil Nadu (TANII, State Planning Commission ,TNLDA and Other Tamil Nadu Government Agencies / Departments)	12	3887.04
8	Other Private Agencies M/s. Boehringer Ingelheim Pvt. Ltd, Mumbai (2) Ayurvet Ltd, Katha Village, Himachal Pradesh (4) M/s. Indian Immunologicals Ltd., Hyderabad M/s.Saraswathy Foundations Ltd., Thoothukudi M/s. Mahindra Consulting Engineers Ltd., Madurai M/s. SAVAVET, Sava Health Care Limited, Pune M/s. Phyto Specialities Pvt. Ltd., Chennai M/s. Kemin Industries South Asia Pvt. Ltd., Chennai M/s. Himalaya Drug Company, Mekali, Bangalore M/s. Sihil Pharma, Chennai M/s. Hatsun Agro Production Ltd., Karapakkam, Chennai	15	51.68
9	International Agencies  BBSRC, UK (2) IAEA, Austria SEPPIC, France UKIERI, India / UK M/s Evonik (SEA) Private Ltd, Singapore	6	155.56
	Grand Total	148	13020.47

# New projects sanctioned (2016-17)

Sl. No.	Title of the scheme	Name of the PI	Funding Agency	Budget (Rs. in lakhs)
1	Understanding the epidemiology of <i>Culicoides</i> borne diseases (CBDs) in wild and domestic ruminants	Y.Krishnamohana Reddy	ICAR	1.50
2	Improving the livelihood security of farmers through technological interventions in Tiruvallur District of Tamil Nadu	N.K. Sudeep Kumar	ICAR	95.54
3	Establishment of climate resilient Integrated farming system	S. Sendur kumaran	ICAR	3.00
4.	Tribal Livelihood through scientific livestock and poutlry farming in Kollihills of Namakkal district of Tamil Nadu	D. Kannan	ICAR	26.60

5.	Development of rapid multianalyte diagnostic assay using antimicrobial peptides based nanoparticle for detection of food borne pathogens	S. Rathnapraba	DBT	27.73
6.	Identification of Virulence factors associated with <i>Theileria annulata</i> infection in Indian cattle	P. Azhahianambi	DBT	28.47
7.	Hybrid magnetic nanoparticle aptamer bio sensor for on-farm early pregnancy diagnosis in cattle	K.G. Tirumurugaan	DBT	43.36
8.	Development, testing and evaluation of whole and recombinant antigen based ELISA for monitoring the health of laboratory animals Phase-II	R.P. Arvindh Babu	DBT	52.45
9.	Evaluation of NKT cell based glycolipid adjuvants with rabies vaccines to improve immunogenicity and long-term protection	K.G. Tirumurugaan	ICMR	7.23
10.	Validation of the safety and therapeutic efficacy of <i>Poorana chandirodayam</i> in Dimethylhydrazine dihydrochloride induced colon cancer in rats	S. Preetha	AYUSH	65.29
11.	Cognitive deficits in canines, their impact on olfactory detection and cognitive optimization for sniffer dogs	P. Selvaraj	DST	45.76
12.	Diffusion of novel food technologies for generations of health India	D. Baskaran	DST	275.60
13.	Development of oral parvo virus vaccine combined with probiotic as spray	R.Mahaprabhu	DST	39.22
14.	Production of health promoting eggs from backyard poultry in Namakkal district	M.Moorthy	DST	13.13
15.	Popularisation of target selective anthelmintic technique among the sheep farmers in Tirunelveli District	A.Serma Saravana Pandian	NABARD	5.98
16.	Technological interventions to improve productivity in sheep	P.Balachandran	NABARD	9.67
17.	Development of mobile based technology transfer application system to empower the small ruminant farmers in Tirunelveli district	S.Senthil Kumar	NABARD	5.80
18.	Assessment of Anthelmintic incorporated mineral block for sheep and goat production in backward blocks of Madurai district	V.Palanichamy	NABARD	2.28
19.	Low cost engineering and processing technologies for value addition of milk	D.Baskaran	All India Council for Technical Education	3.91
20.	Creation of Seed hub centre for Indigenous production of Quality seeds for pulses	K.Velmurugan	Directorate of Oilseeds Development	150.00
21.	Establishment of Veterinary Forensic Sciences Laboratory	G.Sarathchandra	Govt. of India	77.00
22.	Establishment of Innovation and Instrumentation Centre to fabricate farm equipment/devices for sustainable livestock farming	P.Tensingh Gnanaraj	Govt. of India	75.20
23.	Strengthening of diagnostic modalities in Teaching Veterinary Hospitals of Tamil Nadu	S.Balasubramanian	Govt. of India	162.75
24.	Monitoring the performance of private AI workers trained through TNLDA	P.Selvam	TNLDA	2.84

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25.	Oestrus synchronization to improve fertility and productivity in cows and buffaloes of Tamil Nadu	A.Vijayarajan	TNLDA	20.00
26.	Efficacy evaluation of nutritional supplements to dairy herd in relevance to milk production	A.Yasotha	M/s. Ayurvet India Ltd.	0.85
27.	Efficacy of commercial products in optimizing milk production in crossbred dairy cows during summer stress	T.Sivakumar	M/s. Ayurvet India Ltd.	0.67
28.	Study on growth performance of desi chicken fed with non conventional feed stuffs-Oats waste and Moong Dal	P.Tensingh Gnanaraj	M/s. Saraswathy Foundations	1.00
29.	Validation studies on the efficacy of KemTRACE® Broiler and different organic trace minerals on the performance of commercial broilers	N.Arulnathan	Kemin Industries South Asia Pvt. Ltd.	4.00
30.	Prevalence of Bovine trichomoniosis in India using Inpouch TF Media	M.Raman	M/s. Sihil Pharma	7.43
31.	Evaluation of VARAM (a growth promoter) on the production performance of broiler chicken	D.Kannan	M/s. Hatsun Agro Product Ltd.	6.35
	Total			1260.61

# For the Year 2017-18:

# RESEARCH PROJECTS IN OPERATION (2017-18)

Sl. No.	Funding Agencies	No. of Projects	Budget (Rs. in lakhs)
1	Indian Council of Agricultural Research (ICAR), New Delhi (100% funding - 30 projects and 75% funding - 5 projects)	35	2100.28
2	Department of Biotechnology (DBT), New Delhi	23	2123.06
3	Department of Science and Technology (DST), New Delhi	30	3500.22
4	Department of Animal Husbandry, Dairying and Fisheries, Government of India, New Delhi (National Livestock Mission; National Programme for Bovine Breeding and National Agricultural Development Programme)	20	3114.86
5	National Bureau of Animal Genetic Resources (NBAGR), Karnal	1	58.5
6	National Bank for Agricultural and Rural Development (NABARD), Mumbai	9	2006.72
7	Directorate of Oil seeds Development, Hyderabad	1	150.00
8.	Indian Council of Medical Research, New Delhi	1	17.85
9.	Ministry of AYUSH, New Delhi	2	91.62
10.	Ministry of Food Processing Industries, New Delhi	4	360.45
11.	Government of Tamil Nadu (TANII, State Planning Commission, TNLDA and Other Tamil Nadu Government Agencies / Departments)	18	3254.81
12.	Other Private Agencies M/s. Jubilent Life Sciences Ltd., Noida AVT Natural Products Ltd., Kerala M/s. Sihil Pharma, Chennai M/s. Saraswathi Foundations, Thoothukudi	5	21.37
13.	International Agencies  BBSRC, UK  Queens University, Belfast  SEPPIC, France  Bill and Melinda Gates Foundation, USA  M/s Evonik (SEA) Private Ltd, Singapore  Nutreco, The Netherlands	8	480.86
	Grand Total	157	17280.60

## **Schemes sanctioned (2017-18)**

Sl. No.	Title of the scheme	Name of the PI	Funding Agency	Budget (Rs. in lakhs)
1	Establishment of Kangayam Cattle Research Station at Erode District	S. Jayachandran	NADP	250.00
2	Establishment of genetic resource centre for conservation of indigenous cattle breed of Tamil Nadu - Pulikulam	S. Sivaseelan	NADP	200.00
3	Additional Funding For the Ongoing Animal Mobile Medical Ambulance For Rural Veterinary Care In Tamil Nadu	S. Balasubramanian	NADP	50.00
4.	Establishment of Carcass Utilization Plant	V. Appa Rao	NLM-GoI	200.00
5.	Field performance recording programme in Pulikulam cattle	V. Jeichitra	TNLDA under NPBB	39.22
6.	Field performance recording programme in Bargur cattle	R.Arumugam	TNLDA under NPBB	14.27
7.	Technological empowerment of tribal farmers through adoption of TANUVAS technologies in Tamil Nadu	J. John Kirubaharan	ICAR	116.04
8.	Selective isolation of sex specific spermatozoa in Bovine using novel biomarkers identified through an integrated proteomic and genomic approach	K.G. Tirumurugaan	DBT	45.79
9.	Translational Research Platform for Veterinary Biologicals – Phase II	G. Dhinakar Raj	DBT	1077.47
	DBT – TANUVAS Canine Research Centre & Networks			
10.	Development of canine distemper virus like particles and evaluating its potential for use as vaccine candidate	S. Balasubramanian	DBT	676.04
11.	Development and validation of Point-of-care diagnostic assay for canine filarias : a neglected but important infection with zoonotic potential	G. Dhinakar Raj	DBT	
12.	Mass sterilization of dogs using single intravasal injection of functionalized polymers	M. Raman	DBT	
13.	Evaluation of the efficacy of the contraceptive vaccines based on E-coli-expressed recombinant canine and porcine zona pellucida proteins to inhibit fertility in female dogs	P. Sridevi	DBT	
14.	Diagnosis of immune mediated diseases, lymphoma and canine parasitic diseases and establishment of Platelet banks for therapy	M. Raman	DBT	
15.	Developing recombinase polymerase assay based diagnostics for detection of pathogenic leptospires	G. Dhinakar Raj	DBT	
16.	Screening of B and T cell lymphoma in canine and cost effective chemotherapeutic regimen	K. Senthil Kumar	DBT	
17.	Canine Parvo virus 2b vaccine candidate - evaluation towards regulatory compliances	M. Chandrasekar	DBT	

18.	Development of point of care diagnostic typing modalities for major blood groups and therapeutic canine blood components for critically ill dogs	G. Dhinakar Raj	DBT	
19.	Development and evaluation of a recombinant canine distemper virus vector using reverse genetics technology for use as a multivalent vaccine delivery system for dogs	G.R. Barnidharan	DBT	
20.	Development of lateral flow immune- chromatographic test as a point-of-care diagnostic test for <i>Babesia gibsoni</i> and <i>E-canis</i> infection in dogs	R.P. Arvindh Babu	DBT	
21.	Project Monitoring Unit	P. Azhahianambi	DBT	
22.	Validation of molecular diagnostics and vaccine for classical swine fever	K. Kumanan	DBT	34.96
23.	Creation of Seed hub centre for Indigenous production of Quality seeds for pulses	K. Velmurugan	Directorate of Oil seeds Development, GOI, Hyderabad	150.00
24.	Development and standardization of a novel DIVA (marker) vaccine against Newcastle disease to augment production from poultry	J. John Kirubaharan	TANII	166.50
25.	One health approach for animal and public health to augment food safety and productivity	G. Ravikumar	TANII	545.00
26.	Bioelectricity and biohydrogen production by using slaughter house waste rumen fluid	S. Meignanalakshmi	TANII	19.80
27.	Genetic evaluation of draught animal power of Umblachery breed in Cauvery Delta zone	K. Jagadeesan	TNSCST	13.01
28.	Status of nitrate content in animal forages and water and early warning system to combat nitrate toxicity in dairy cattle	C. Kathirvelan	TNSCST	4.05
29.	Sustainable livelihood for desi bird farmers through technological interventions in Tiruchirapalli district	P. Mathialagan	NABARD	10.00
30.	Construction of Academic Blocks at College of Food and Dairy Technology	D. Baskaran	NABARD	1400.00
31.	Construction of Large Animal IP (in patient) and purchase of equipments for strengthening the referral hospitals of TANUVAS to address rural veterinary care in Tamil Nadu	S. Balasubramanian	NABARD	576.50
32.	Understanding the emergence of variant infectious bronchitis virus in chickens in UK and India: shared control strategies	V. Gowthaman	BBSRC, UK	28.00
33.	Targeted parasitic control in livestock for small tropical farmers	M. Raman	Queens University, Belfast	3.60
34.	Accelerating bovine tuberculosis control in developing countries-India (Ab <sup>TB</sup> CD)	K. Kumanan	Bill and Melinda Gates Foundation, USA	190.43
35.	Effect of supplementing IntelliBond trace minerals (Cu, Zn & Mn) on egg quality and performance of layers	P. Vasan	Nutreco, The Netherlands	16.62

36.	Validation studies on the efficacy of JubiDOL	G. Srinivasan	Jubilent Life	3.63
	on the metabolic energy sparing effect with different commercial oils and fats added to the		Sciences Ltd., Noida	
	broiler feed and production performance of commercial broilers		TVOIGU	
37.	Efficacy evaluation of supplementation	D. Thirumeignanam	Jubilent Life	4.05
	of antibiotic growth promoter replacer on		Sciences Ltd.,	
	improving nutrient utilization, production and		Noida	
	health performance in broilers			
38.	Efficacy of natural coccidiostat feed additive in	N. Karthikeyan	AVT Natural	4.05
	commercial broilers		Products Ltd.,	
			Kerala	
	Total			5839.03

#### For the Year 2018-19:

# RESEARCH PROJECTS IN OPERATION (2018-19)

Sl. No.	Funding Agencies	No. of Projects	Budget (Rs. in lakhs)
1	Indian Council of Agricultural Research (ICAR), New Delhi	25	4910.94
2	Department of Biotechnology (DBT), New Delhi	30	3144.32
3	Department of Science and Technology (DST), New Delhi	15	659.40
4	Department of Animal Husbandry, Dairying and Fisheries, Government of India, New Delhi (National Livestock Mission; National Programme for Bovine Breeding and National Agricultural Development Programme)	13	3042.33
5	Directorate of Oil seeds Development, Hyderabad	1	150.00
6	Ministry of AYUSH, New Delhi	4	166.56
7	National Bank for Agricultural and Rural Development (NABARD), Mumbai	4	1986.67
8.	Indian Council of Medical Research, New Delhi	1	7.23
9.	AICTE, New Delhi	1	3.91
10.	Government of Tamil Nadu (DAHDF, TANII, State Planning Commission, TNSCST, TNIAM, EDII and Other Tamil Nadu Government Agencies / Departments)	17	6800.84
11.	National Egg Coordination Committee	1	5.00
8	Other Private Agencies Jubilant Life Sciences Ltd., Noida (2) VIRBAC Animal Health India Pvt. Ltd., Mumbai Dhanvantari Nano Ayushadi Pvt. Ltd., Chennai EID Parry (India) Ltd., Chennai	5	38.97
9	International Agencies BBSRC, UK Queens University, Belfast SEPPIC, France Bill and Melinda Gates Foundation, USA Nutreco, The Netherlands	5	242.66
	Grand Total	122	21158.83

## **Schemes sanctioned (2018-19)**

Sl. No.	Title of the scheme	Name of the PI	Funding Agency	Budget (Rs. in lakhs)
	Research			
1	Genetic characterization of antibiotic resistance in <i>Clostridium perfringens</i> and <i>Clostridium difficile</i> and their public health significance	S.Manoharan	DBT, New Delhi	35.93
2	Development of DIVA diagnostics and marker vaccine against Duck Plague Virus	S.Manoharan	DBT, New Delhi	24.87
3	An integrated approach to explore and exploit the innate and adaptive immune responses in indigenous duck breeds of north eastern and south India	S.Manoharan	DBT, New Delhi	20.47
4.	Foldscope for diagnosis of rumen acidosis and parasitic infections in cattle	S.Meignanalakshmi	DBT, New Delhi	8.00
5.	Chicken or egg: Drivers of anti-microbial resistance in poultry in India	T.R. Gopala Krishna Murthy	DBT, New Delhi	51.60
6.	Foldscopes as user-friendly demonstration tool on bone marrow stem cell model for life science students/trainees	A. Mangala Gowri	DBT, New Delhi	8.00
7.	Foldscopes as a tool for testing storage quality of processed liquid food	V. Perasiriyan	DBT, New Delhi	8.00
8.	Genomic and proteomics approaches to develop specific diagnostic assay for detection of estrus/silent estrus in buffaloes	T. Sarath	DBT, New Delhi	99.77
9.	Foldscopes as a tool to screen parasitic infections in wild animals of Tamil Nadu	M. Palanivelrajan	DBT, New Delhi	8.00
10.	Chicken or egg: Drivers of anti-microbial resistance in poultry in India	A. Natarajan	DBT, New Delhi	31.17
11.	Bovine tuberculosis control : Mycobacterial diseases in animals network (MyDAN) Programme	K.Kumanan	DBT, New Delhi	848.24
12.	Developing portable instrumentation for the existing technologies available at TANUVAS for detection of post-partum disease conditions	T.M.A.Senthil Kumar	DST, New Delhi	21.80
13.	Impact of cultured low fat synbiotic buttermilk supplementation on production performance of broiler chicken	D. Kannan and C. Pandiyan	DST, New Delhi	2.07
14.	Development of indigenous cartridges for hemodialysis	M. Chandrasekar	DST, New Delhi	9.18
15.	Development of rapid and visual detection of zoonotic potential <i>Staphylococcus</i> pseudintermedius by nucleic acid lateral flow assay	M. Anandhachitra	DST, New Delhi	19.58
16.	Role of TLR-2 in molecular pathogenesis of cryptosporidiosis-A clue for novel antiapicomplexan therapeutics	K. Nagarajan	DST, New Delhi	34.32
17.	National knowledge management centre for Agricultural Education and Research	G. Rathinasabapathy	ICAR, New Delhi	66.92
18.	In vitro and in vivo nephroprotective evaluation of AYUSH-K1 extract	T. Satheesh Kumar	Ministry of AYUSH, Govt. of India, New Delhi	9.65

19.	Nutritional supplemental strategy	C. Valli	TNIAM Project, Chepauk	200.00
20.	Facts and benefits of consuming egg and chicken meat – enlightening the medical professionals of Tamil Nadu	D. Kannan	National Egg Coordination Committee	5.00
21.	Study of magnetic treatment on inland saline water and its suitability on cultivation of paddy, cotton, chilli and fodder crops in Sivagangai District	L. Vimalendran	District Rural Development Agency, Sivagangai	6.42
22.	Assessment of suitable integrated farming system models for rain fed situation	S. Sendur Kumaran	District Rural Development Agency, Sivagangai	18.75
23.	Impact of feeding unconventional feeds to dairy cattle on the productive and reproductive performance in Vellore district of Tamil Nadu	B. Rajesh Kumar	Agricultural Technology Management Agency, Vellore	5.00
24.	Large scale controlled field trial with combined inactivated vaccine against Newcastle disease and Avian infectious bronchitis	J. John Kirubaharan	Seppic, France	3.94
	Institutional building projects			
25.	Institutional development plan of TANUVAS	J. John Kirubaharan	ICAR, New Delhi	2798.66
26.	Establishment of livestock and poultry feed technology centre at Veterinary College and Research Institute, Tirunelveli	M. Chellapandian	NADP/RKVY	150.00
27.	Establishment of rural poultry inputs and skill development centre	R. Richard Churchil	NADP/RKVY	151.10
28.	Establishment of Alambadi cattle breed research centre at Dharmapuri district	Director, CAPS	Govt. of Tamil Nadu	400.00
29.	Establishment of Centre for monitoring, surveillance and control of livestock and poultry diseases at Madhavaram, Chennai	Prof. and Head, Central University Laboratory	Govt. of Tamil Nadu	306.00
30.	Construction of Additional Buildings infrastructure at VC&RI, Orathanadu and VC&RI, Tirunelveli	Deans of VC&RI, Orathanadu and VC&RI, Tirunelveli	Govt. of Tamil Nadu	2800.00
31.	Establishment of low cost hydroponic fodder production device in landless / small farmer households for sustainable livestock farming in drought affected districts of Tamil Nadu	S. Meenakshi Sundaram	Govt. of Tamil Nadu	74.48
32.	Veterinary Incubation Foundation @ TANUVAS	Director, CAHS	Entrepreneurship Development Innovation Institute, Chennai	235.00
33.	Establishment of embryo production centre for conservation of indigenous cow breeds of Tamil Nadu	M.Selvaraju	NMBP	251.00
34.	Establishment of Krishi Vigyan Kendra at Villupuram	Director of Extension Education	ICAR, New Delhi	155.90
	Validation projects			
35.	Exploring the possibility of incorporation of AFTD salt in mineralized salt lick for ruminants and its validation	S. Gunasekaran	EID Parry (India) Ltd., Chennai	3.68

	Total			8903.74
38.	Validating the efficacy of Nano Silver (Ag NP-124) as an egg shell sanitizer on the keeping quality of table eggs and hatchability performance of fertile eggs	P.Kanagaraju	Dhanvantari Nano Ayushadi Pvt. Ltd., Chennai	9.24
37.	Validating the combined effect of rumen protected methonine and rumen protected lysine on performance of dairy cattle during lactation	A. Yasotha	Jubilant Life Sciences Ltd., Noida	12.89
36.	Validating the effect of feeding ADDON®- Rumen support on lactation yield and health parameters in lactating animals during summer season	C. Valli	VIRBAC Animal Health India Pvt. Ltd., Mumbai	9.11

**6.6.8.5. Financial Powers Delegation to Deans/Heads:** Give a report on the financial autonomy to College Deans, University officers and Head of the Departments.

- (1) The officers and other employees of the University shall exercise such financial and sanctioning powers as are specified in Appendix-XIV and XV subject to the general control of immediate superior and the Vice- Chancellor, provided that the Vice-Chancellor may order that an officer or employee shall not exercise a particular power or shall exercise the powers with such modification as he considers necessary.
- (2) The financial powers to be exercised shall be subject to the availability of funds in the budget and to the prescribed rules and procedures.
- (3) The Vice-Chancellor may delegate such powers to an Officer or employee and may withdraw the powers so delegated from any such officer or employee as he deems necessary.

(Enclosed as a Separate file – Financial Powers – TANUVAS – ASRR) Appendix XIV and XV

**6.6.8.6. Finance Utilization:** Mention in brief about per cent finance utilization in last five years.

- Enclosed as a Separate file - Annual Accounts

**APPENDIX XIV - Financial Powers** 

			-					
S.	Nature of Powers	Vice-	Registrar	Deans, Directors and	Heads of	Heads of	Finance	Estate
o N		Chancellor		Professors as Heads of	Departments	Research	Officer	Officer
				Research Stations/		Stations/ Centres.		
				Centres		Assoc./		
						Asst Professor		
(1)	(2)	(3)	(4)	(5)	(9)	(7)	(8)	(6)
Ψ.	Purchase of books,		Upto	(i) Dean-No limit	*Rs.5000 at a	Up to	Up to	Up to
	periodicals, maps,	Full powers	Rs.10,000	(ii) Directors up to Rs.10,000	time	Rs.1000 p.a.	Rs.1000	Rs.1000
	diskettes, microfilms,	1 1 1 1 1	at a time	at a time iii)Professors as			p.a.	p.a.
	Microfish etc,			Heads of Research			•	
	(Academic, technical &			Station/Centre up to				
	Office reference)			Rs.10,000 p.a.				
5.	a) Purchase of	Full powers	:		:	:	:	:
	stationery for office use							
	b) Local purchase of	Full powers	Upto	Per annum:	Up to	Up to	Up to	Up to
	stationery for office use		Rs.50,000	Director of Research	Rs.2,000 p.a.	Rs.2,000 p.a.	10,000 p.a.	Rs.10,000
	in the case of		at a time	Rs.20,000.				p.a.
	emergency (other than			Director, CAHS Clinics/Extn.				
	white and duplicate			Edn. and CAPS Rs.30,000				
	paper).			Faculty Dean (Vety.)				
				Rs.14,000,				
				Dean, MVC Rs.30,000,				
				Dean, VC&RI., Namakkal				
				Rs.16,000				
				Dean, FC&RI.,				
				Thoothukkudi Rs.10,000				
				Professor as Head of				
				Research Stations/Centres				
				Rs.10,000/-				

\* Substituted by U.O.No.60209/R.I/94, dated 12.12.1994 effective from 31.10.1994.

١		

(6)	Up to	RS.2000 p.a.	:			Up to	Rs.2,000 at	a time									:			:		
(8)	Up to	RS.10,000 p.a.	:			:											:			:		
(7)	Up to	RS.ZUUU p.a.	:			Up to	Rs.2,000 at a	time									:					
(9)	Up to Rs.2,000	p.a.				Up to	Rs.10,000 at a	time									***			***		
(5)	Up to Rs. 10,000 p.a.		Up to Rs.1,000 p.m. in	each case		*a) Up to Rs.20,000 at a	time for Deans and	Directors.	*b) Up to Rs.10,000 for	Professors as Heads of	Res. Stations/Centres.	*c) Up to Rs.50,000 at a	time for Deans only in	respect of ICAR	Development Grants.		Up to Rs.20,000 at a time			Up to Rs.10,000 at a time		
(4)	Upto	RS. 10,000/ - at a time	Upto	Rs.1,000	p.m. m each case	Upto	Rs.20,000	at a time									Upto	Rs.20,000	at a time	Upto	Rs.10,000	at a time
(3)	Full powers		Full powers			(a) Rs.9.0 lakh	at a time.	oN (d)	monetary limit	in case of	schemes	financed by	NARP/ICAR	and other	agencies.		Full powers			Full powers		
(2)	Printing works		To rent or lease	building or land for	University	(a) Purchase of	apparatus, Lab.	Equipments electric	and electronic	instruments, farm	machinery and other	stores including	aprons, Laboratory	towels and repairs to	equipments and	machinery	(b) Materials for	printing press	(i) Special Paper	(ii) Other materials like	types block making ink	and spare parts
(1)	3.		4.			2**	* * *															

\* Modified by U.O.No.60095/R.I/2000, dated 26.9.2000 effective from 21.8.2000. \*\* Added by U.O.No.60036/RI/2005, dated 13.7.2005 effective from 16.05.2005. \*\*\* Modified by U.O.No.60036/RI/2006, dated 19.5.2006 effective from 7.4.2006.

	(3)	(4)	(2)	(9)	(2)	(8)	(6)
Lab of Agro cnemicals, Full powers Medicines/ Surgical instruments, drugs, specimens etc.	ers	Upto Rs.20,000 at a time	Upto Rs.20,000 at a time	Upto Rs.10,000 at a time	Upto Rs.2,000 at a time	:	ï
(a) Purchase and Full powers repairs of furniture for office and lab. use.	ers	::	::	÷	i	÷	i.
(b) Repairs of furniture Full powers of office, lab, rest house	ers	Upto Rs.5,000 at a time	Upto Rs.5,000 at a time	Upto Rs.1000 at a time	Upto Rs.1000 at a time	Upto Rs.1000 at a time	Upto Rs.5,000 at a time
Construction/Petty (a) Upto Construction and repairs/original works (b) No mand repairs to of scl buildings, roads, electrical installations, fencing and other works.	Upto Rs.9.0 lakhs at a time No monetary limit in case of schemes financed by NARP/ ICAR and other agencies	Upto Rs.10,000 at a time	Upto 10,000 at a time	:	Upto Rs.2,000 at a time	Upto Rs. 1000 at a time	Upto Rs.20,000 at a time
Conduct of Exhibition Full powers and Fairs and participation, including purchases of materials for purposes for Exhibition etc.	ers	Upto Rs.2,000 at a time	Upto Rs.2,000 at a time	Upto Rs.1,000 at a time	Upto Rs.1000 at a time	:	:
Free supply of seeds Full powers and specimens to institutions.	ers	UptoRs.2,000 p.a.	Upto Rs.2,000 p.a.	Upto Rs.200 p.a.	Upto Rs. 100 p.a.	:	:
To purchase typewriter, Full powers duplicator etc.	ers	Upto Rs.10,000 at a time.	:	:	:	:	:

\* Modified by U.O.No.60297/RI/2006, dated 19.5.2006 effective from 7.4.2006.

(6)	:			:			:			Upto	Rs.4,000	at a time	Upto	Rs.600 at	a time.	:			Upto	Rs.10,00	0 at a	time	Full	powers	:		
(8)	:			:			:			:			:			:			:				:		:		
(2)	:			:						Upto	Rs.2,000	at a time	Upto	Rs.200 at	a time	::			Upto	Rs.200 at	a time		Full	powers			
(9)	:			:			::			Upto	Rs.2,000	at a time	Upto	Rs.600 at	a time				Upto	Rs.200 at	a time		:		Upto	Rs.10,000	at a time
(2)	Upto Rs.2,000	p.a.		:						Upto Rs.4,000	at a time		Full powers			Full powers for	Deans and	Directors only	Upto Rs.4,000	at a time			Full powers		Upto	Rs.20,000 at a	time
(4)	Upto	Rs.2,000	p.a.	Upto	Rs.4,000	p.a.	::			Upto	Rs.4,000 at	a time	Full powers			Full powers			Upto	Rs.4,000 at	a time		Full powers		Upto	Rs.20,000	at a time
(8)	Full powers			Full powers			Rs.9.00 lakhs	at a time		Full powers			Full powers			Full powers			Full powers				Full powers		Rs.9.00 lakhs	at a time	
(2)	To sanction expenditure on	entertainments University functions etc.		To sanction over time allowance to	Ministerial and supporting staff and	conveyance charges	Purchase of motor vehicle with special	accessories extra fittings for University	nse	Maintenance, running charges repairs	and replacement charges on University	vehicles	Photographic charges including	purchase of photographic materials		Advertisement charges			Purchase of electrical goods and bulbs				Electric current consumption charges		To purchase and sell livestock and birds	and other experimental animals	
(1)	15.			13.			14.			15.*			16.			17.			18.				19.		20.		

\* Modified by U.O.No.60036/RI/2005, dated 13.7.2005 effective from 16.05.2005.

(1)	(2)	(3)	(4)	(2)	(9)	(2)	(8)	(6)
21.	To purchase bicycle for office use.	Full powers	Full powers	Full powers for	Sanction for	Sanction for	Full	Full
				Deans and Directors only	Renewals only	Renewals	Powers	Powers
22.	Office expenses and contingencies	Full powers	Full powers	Full powers	Rs.2,000 p.a.	Rs.2,000	Rs.4,000	Rs.4000
	including hot and cold weather charges freight charges	-	-			p.a.	p.a.	p.a.
23.	Binding of books and records	Full powers	Full powers	Full powers	Rs.600 p.a.	Rs.200 p.a.	Rs.600 p.a.	Rs.600 p.a.
24.	To sanction supply of uniforms and clothings of University employees	Full powers	Full powers	Full powers	Full powers	Full powers	Full	Full
25.	Working expenses on farms and Research	Full powers	Full powers	Full powers	Full powers	Full Powers	:	:
	Stations, Repairs Upkeep and							
	liamiterialise of seeds and plants							
	manures, chemicals, gunnies.							
26.	Experimental cultivation charges	Full powers	Full powers	Full powers	Full powers	Full Powers	::	::
27.	Employment of menials paid from	Full powers					::	i
	contingencies including Casual Labour							
28.	Games, Sports and Physical exercise	Full powers	Upto	Upto Rs.20,000	***	::	::	:
	provision maintenance of games courts and athletic fields		Rs.20,000	p.a. for Deans only				
29.	Hostel-Purchase of furniture cooking	Upto	:	Upto Rs 20,000		:	:	:
	crockery etc. and repairs and TV	Rs.6,00,000 at a time.		p.a. for Deans only				
	(a) Repairs of broken	Full powers	Upto	Rs.2,000 at a		:	:	:
	window etc.		Rs.2,000 at a time	time to warden				
30.	Rest House-Purchase of furniture crockery	Upto	Rs.10,000 at	Rs.10,000 p.a.	:	Upto	:	Upto
	and other furnishing materials	Rs.6,00,000 at a time	a time			Rs.2,000 p.a.		10,000 p.a.

(1)	(2)	(3)	(4)	(5)	(9)	(2)	(8)	(6)
31.	Refreshment charges supply of light	Full powers	Upto	Rs.2,000 p.a	Rs.1,000 p.a.	Rs.1000	Rs.2000	Rs.2000
	refreshment during meetings seminars		Rs.10,000	-	<b>-</b>	p.a.	p.a.	p.a.
	conferences and visit of VIPs working		p.a.				,	
	lunch and other such charges							
35.	Dispensary-Hospital furnishing	Full powers	Rs.20,000	Rs.20,000 p.a.			:	
	Pharmaceuticals and medicines and		p.a.					
	surgical and other allied instruments diet articles							
33.	To sanction payment of demurrage	Full powers	Full powers	Full powers	Rs.200 p.a.	Rs.200 p.a.	Rs.200	Rs.200
	warfage charges etc.						p.a.	p.a.
34.	Tour expenses including bata to students	Full powers	Full powers	Full powers	***	***		•••
32.	Write off	Upto	Upto	Upto Rs.2,000 at a	Upto Rs.200	Upto Rs.20	Rs.200 at	Rs.2000 at
	(a) Irrecoverable value of stores or public	Rs.30,000	Rs.2000 at	time	at a time	at a time	a time	a time
	money lost through negligence or other	at a time	a time					
	causes and unprofitable outlay on work.							
	(b) Deed stock including	Upto	Rs.2000 at	Upto Rs.2000 at a	Upto Rs.200	Upto	:	Upto
	(i) stationery, Furniture lost or become	Rs.3,00,000	a time	time	at a time	Rs.20/- at a		Rs.2000 at
	unserviceable	at a time				time		a time
	(ii) Livestock value of birds, Animals culled	Upto		Rs.20,000 at a time			:	
	or lost or dead	Rs.9,00,000		for Deans and				
		at a time		Directors.				
				Rs.10000/- at a				
				time for Professors				
				as Heads of				
				Research				
				Stations/Farm				
	(c) Book value of animals/ birds sold out	Limited to	:	÷	:	:	:	:
		purchase						
		powers						
	(d) Cost of articles become unserviceable	Limited to	Limited to	Limited to purchase	Limited to	Limited to	Limited to	Limited to
	due to fair wear and tear.	purchase	purchase	powers	purchase	purchase	purchase	purchase
		S DANCE	מוסאסמ		מושאסמ	DOWGIS	סשמו	DOWGIS

	(2)	(3)	(4)	(2)	(9)	(7)	(8)	(6)
(e) Negative	(e) Negative differences of seeds,	Full powers	Rs.2000 at	Rs.2000 at a time	:	Rs.200 at a		:
fertilizer, pes	fertilizer, pesticides, chemicals		a time			time.	:	
insecticides	insecticides manures, fire-wood, oils and							
lubricants du	lubricants due to dryage, wastage spillage							
etc.								
(f) The value	(f) The value of books and publications of	Upto	Upto	Upto	:	:	:	:
the Library fo	the Library found lost damaged	Rs.30000	Rs.2000	Rs.2000 p.a.				
unaccounted for	unaccounted for or found short during	p.a.	p.a.					
(a) Cost of c	(a) Cost of obsolete publications	Full powers	Full nowers	Full nowers	Fill nower	Fill nowers		
(8)	מסוכנה המחוכמותום	S D MODE IN I		S DANCE IN -	Sizwod in -	S DWOd III -	:	:
(h) Cost of (	<ul><li>(h) Cost of Glassware articles due to</li></ul>	Full powers	Full powers	Full powers for	Rs.2000 p.a	:	:	:
breakages b	breakages by students and staff			Deans and				
				Directors only				
(i) Conversion	(i) Conversion of seed into grain and to	Full powers	::	***	:	:	:	:
write off the	write off the value of negative difference							
Limited tend	Limited tender system for purchase of	Rs.9.00	Rs.1,00,000	Rs.1,00,000 for	:	:	:	:
special appa	special apparatus chemicals etc	lakhs		Deans and				
				Directors				
To dispense	To dispense with earnest or security	Full powers	::	***	:	:	:	:
deposit whe	deposit when plant and machinery							
implements (	implements or spare parts etc. supplied							
and erected by the firms	by the firms							
Refund of re	Refund of revenue collected from students	Full powers	Full powers	Full powers	:	:	:	:
and others ir	and others including refund of excess							
recovery fror	recovery from staff Members							
Refund of de	Refund of deposits E.M.D. and C.M.D.	Full powers	Full powers	Full powers	:	Full powers	Full	Full
			•			•	powers	powers

	(2)	(3)	(4)	(2)	(9)	(2)	(8)	(6)
Ш	Expenses in connection with law charges	Full powers	Upto	:	:	:	:	:
			Rs.5000 at					
			a time					
>	Waiving of audit recoveries	Full powers	Upto	Upto Rs.200 at a	:	:	Upto	::
		,	Rs.2000 at	time			Rs.2000	
			a time				at a time	
$\vdash$	To sanction purchase of prizes and awards to students	Full powers	Full	Full powers to	:	:	:	:
			powers	Deans only				
9	(a) Installation of the telephones intercom shifting and	Full powers	•••	:	÷	:		:
Ф	extension							
)	(b) Repairs and maintenance charges on telephone, telex	Full powers	Full	Full powers	Full	Full	Full	Full
σ	and intercom payment of trunk, local calls charges		powers		powers	Powers	Powers	Powers
ш	Postage stamps and telegram charges	Full powers	Full	Full powers	Full	Full	Full	Full
			Powers		powers	powers	powers	powers
$\vdash$	To sanction merit and other scholarships payable from	Full powers	Full	Full powers for	:	:	***	:
ر	University funds		Powers	Deans only				
۳	(a) To sanction stipends to farmers on training	Full powers	Full	D.E.E. and	:	:	***	:
		,	Powers	Director (CAHS)				
				Full powers				
0	Grants-in-aid to students club Madras Veterinary Students	Upto	:	:	:	:	:	:
$\supset$	Union or other recognised bodies.	Rs.30,000						
		at a time.						
_	Licence fees taxes etc. as required by Central or State	Full powers	Full	Full powers	Full	Full	Full	Full
O	Government local bodies etc.		powers		powers	Powers	Powers	Powers

(1)	(2)	(3)	(4)	(5)	(9)	(2)	(8)	(6)
48.	To sanction honorarium to employees and others.	Full powers	:	:	:	•••		:
49.	49. To sanction hiring of furniture	Full powers Rs.3,000	Rs.3,000	Rs.2000 p.a. for	:	:	:	:
			p.a.	Deans and				
				Directors only.				
20.	To sanction of expenditure on insurance premium on	Full powers	:	:	:	:	:	:
	insured items.							
51.	Payment of Subscription/ Membership fee to any	Full powers	:	:	:	•••	•••	:
	institution/payment of donation co-sponsoring an event in							
	another University/ Organisation/Foreign Associations.							

APPENDIX XV.
Powers to sanction advances.

No. Power  1 2 1. Sanction of temporary Advance, part final withdrawal from Provident Fund	whom powers are delegated 3 3 of (a) Vice-Chancellor Deans / Directors	employees on whom powers are	power
	oart	whom powers are	
	oart	700000000	
	f Dart	to be exercised	
1. Sanction of temporary Advance, p final withdrawal from Provident Fund	oart –	4	5
temporary Advance, p final withdrawal from Provident Fund	oart (b)	Officers	Full
Advance, p final withdrawal from Provident Fund	oart (b)	subordinate to him	Powers
final withdrawal from Provident Fund		Drawing Officer and	Full
withdrawal from Provident Fund		all employees in	Powers
from Provident Fund		their offices under	
Provident Fund		them, authorised	
Pund		persons in out	
		station coming	
		under their control	
	(c) Head of	All employees other	Full
	Dept./Research	than those	Powers
-	Stations/Centre	mentioned at (b)	
	and authorised	above working	
	other officers	under them.	
	including		
	Registrar,		
	Finance Officer		
	and Estate		
	Officer.		
2. Counter	(a) Officers of the		No counter
signature of	of University and		signature
Travelling			<u>.s</u>
Allowance	of Management		necessary

S.	Nature of	Officers and	Officers and	Extent of
Š.	Power	employees to	employees on	power
		whom powers are	whom powers are	
		delegated	to be exercised	
	Bills	(b) Dean, Director	Drawing officers	:
			under them and all	
			employees in their	
			offices.	
		(c) Heads of Dept.	Employees working	:
		and authorised	under them	
		persons		
		(d) Registrar,	Employees working	:
		Finance Officer,	under them	
		Estate Officer,		
		Librarian		

2	Full powers	anction	Full powers	Full powers
4	. :	ry shall obtain s	All officers and employees	All employees
က	All authorised employees as per Regulation 42	raw their own sala	Vice-Chancellor	Registrar
2	(a) Festival Advance (b) Advance for the purchase of handloom cloth (c) Advance for the purchase of Khadi cloth (d) Advance for the purchase of mosquito net. (e) Advance for travelling allowance for tour and transfer (f) Advance for pay on transfer (g) Advance for the purchase of warm clothing	Explanation: Officers who draw their own salary shall obtain sanction from the controlling authority	(a) Advance for the purchase of Motor Car, Scooter, Motor Cycle, Moped and *personal computer.	(b) Advance for the purchase of Bicycle
-	က် က	Expla from t	4.	ı

(c) House Building	Vice-Chancellor   All officers and   Full powers	All officers and	Full powers
Advance		employees	
(d) Marriage advance	Finance Officer	All officers and   Full powers	Full powers
		employees	

\* Sl.No.4(a) Personal Computer added by U.O.No.60069/R.I/2001, dated 20.7.2001 effective from 7.8.2000.

5	Full	Full	powers	Full	powers	i	:		
<b>7</b> *	÷	:		All officers and	employees working under them	All officers working directly under him	Professors and	Heads of Research	Stations under them
က *	Deans/ Directors/ Heads of Department/ Research Stations	Finance	Officer	All University	Officers	(a) Vice- Chancellor	(b) Deans/	Directors	
2	(e) Deposits (i) Postal (ii) Telephone (iii) Electricity (iv) L.P. Gas Cylinder (v) Water and any other deposits payable to Government/Quasi Government/Centra I Government for the service received	by the TANUVAS (vi) other deposits		*(f) Education	Advance	Sanction of periodical	increments		
_						5.			

(c) Registrar,	Employees working	:
Finance	under them	
Officer. Estate		
Officer,		
Librarian,		
Director of		
Students'		
Welfare		
(d) Authorised	Employees working	:
employees	under them	
(e) Head of	All staff working in	:
Research	Research Stations	
Stations		
concerned		

\* SI.No.4(f) Education Advance, Column 3 and 4 substituted by U.O.No.60208/R.I/94, dated 12.12.1994 effective from 31.10.1994.

Full	powers	::								:							::					
Officers	subordinate to him	Heads of	Departments,	Professors, Heads	of Research	Stations and other	employees	working directly	under them	All Employees	working under	their respective	control					Officers	subordinate to him			
(a) Vice-Chancellor		(b) Deans / Directors								(c) Registrar, Finance	Officer Estate Officer,	Librarian, Director of	Student Welfare, Heads	of Departments and	other authorised	employees	Vice-Chancellor					
(a) Authorisation for	travel by University	employees within	State of Tamil Nadu	and Pondicherry	Union Territory												(b) Authorisation for	travel by University	employees outside	State except	Pondicherry Union	Territory
9.																						

Explanation.- Interest at the rate of 2 1/2 per cent over and above the prescribed rate of interest shall be collected for the touradvance pending more than 3 months from the date of payment.

D.SUNDARESAN. Secretary to Government

MES MES	ABSTRACT OF OLDA.2016 முதல் வரையுகள் (1.04.2016 முதல் வரையுகள் (1.04.2016 முதல் வரையுகள் (1.04.2016 முதல் மாநில் அரடுமிருந்து பெறுப்படும் (1.04.2016 முதல் மோர்தலை (1.04.2016) (1.04.2016) மார்க்கும் கேல்வில் சோற்கு (1.04.2016) முதல் அகைமுறைப்பட்டதாரிக்கும் கல்வில் கூட்டனோச்சூழமை		ACCOUNTS FOR TOWN STAND SERVICE SERVIC	### SANDITED ANNUAL ACCOUNTS FOR THE PERIOD FROM 01.04.2016 TO 31.03.2016 3103.2016 aumprofession graffidimes Gredinulaulululululululululululululululululul	31,03,2016		
	ABSTRACT (104.2016 மு. அரகி-யிருந்து பெறப்படுப் க்கோதது காழ்தவை ப்பக்கள் மகுதி 11 கொழகரைப் பட்டதாரிக்குக் கல்விக் முக்கள்		ACCOUNTS FOR TOWN SAND GESTAL	HE PERIOD FROM 01.04.2015 TO JULL Ayout G 4870 General grant degrant CHARGES	34,03,2016 hit ngcksub Danascier		
WES WES	ருகோற்ற நூக்கரிர் கூட்டிகள் கூறிட்டிகள் கூறித்தை கூரித்தவை ப்பிக்கல் மகுதி II கூறைகள் பகுதி II		65.5083.74	LAULL ayahir Gerral Gerasi zeerrik gasri CHARGES	ानं कामुक्रीकाहे विस्कारण्डां		
N.T. MRES Budon	இகுப்பு அரசி-பமிருந்து பெறப்படுப் சு உதிட்டங்கள் சுரந்தவை ட்டந்தவை படந்தவை நடிலு பட்டதாரிக்குக் கல்விக் நுகை	65-48-0 1229154600.00 893428760.00 1667000.00	(45.9993.74)	CHARGES	Oktobenietr		
MES MES	இதர்.பு அரடுட்யிருந்து பெறப்படுப் க் சோதது கார்ந்தவை ட்டக்கள் பகுதி 11 நடிகள் பகுதி 11	1229154600,00 893425760,00 1687000,00	0839833555.74	CHARGES	Littorialities		
MES	தர்கூயிருந்து பெறப்படும் விட்டங்கள் வி சேராதது கார்த்தவை படக்கள் மகுதி 11 நகைமுறைப் பட்டதாரிக்குக் கல்விக் மூலக	1229154600.00 893425760.00 1687000.00	45.055.74		I Be for Tenhan Town	CP-1947	Telestra (Greater)
MES	அரசிடமிருந்து பெறப்படும் சு ட திட்டமினர் சுரந்தவை ட்டந்தவை நடிலு 11 நடைமுறைப் பட்டதாரிக்குக் கல்விக் நுகை	1229154606.00 893428760.00 1687000.00		Control of the contro			
MES	அரசிமிருந்து பெறப்படுப் வு தி.ட்.மிருந்து வ் கேராதது காழ்தலை ட்டக்கள் பகுதி 11 நகைமுறைப் பட்டதாரிக்குக் கல்விக் முகை	1229154500.00 893425750.00 1687000.00		CHARGES	Geroniesir		
MES	ட திட்டங்கள் ல் கேராதது கார்ந்தலை ட்டக்கள் மகுதி 11 நகைமுறைப் பட்டதாரிக்குக் கல்விக் மூலக	1229154506.00 893425760.00 1687000.00 1100000.00		1) EXPENDITURE OUT OF STATE GOVERNMENT GRANTS	ர் மாநில ஆர்சு மான்வத்தினிருந்து மேற்கொள்ளவட்ட செலகிகளங்கள்		
tutkon	ல் கோதது காந்தலை ட்டந்தை பகுதி 11 நலமுறைப் பட்டதாரிக்குக் கல்விக் நுல்க	1229154600.00 893425760.00 1687000.00 1100000.00		1) VETERINARY SCHEMES	\$ Mindigen Blillessin		
tugon	ரார்ந்தலை ட்டக்கள் பகுதி 11 கூலமுறைப் பட்டதாரிக்குக் கல்விக் நுக்க	893425750.00 1687000.00 1100000.00		I) Non-Plan Schemes	1 திட்டத்தில் சோதது	801251697,43	
tutlon	ட்டக்கள் பகுதி 11 நழைகளுப்பட்டதாரிக்குக் கல்விக் மூல்க	1687000.00		II) Plan Schemes	டு திட்டம் சார்ந்திகைப	823587707,25	
1	मन्त्रापुरमाष्ट्रां धर्मम्बर्गिक स्त्रेन्त्रीके मुख्यान	11000000.00		III) Pert II Schemes	II) புதிய திட்டங்கள் பகுதி II	7769363.00	
				Iv) 25% ICAR State Share	ல்) 25% இமேஆக சாநில பங்கு	7180799.12	
				v) Pension	थ क्रियंग्रह क्रीमके	366576848.00	
TOTAL			2125367250.00	TOTAL			2005353214,80
GOVERNMENT OF INDIA NUM III) LABIGIU - GRANT (25% STATE SHARE) LIMIG)	III) மத்திய அரசு மான்வம் (25% மாநில பங்கு)			GOVERNMENT OF INDIA NLM GRANT (25% STATE SHARE)	்   ) மத்திய ஆர்சு மான்யம் (25% பவநில பரியை		1754D98.B0
GRANT (60% STATE SHARE) (MAG)	(R) பத்திய அரசு பாள்வர் (90%) வாதில பல்கு)	31698000.00	31698000.00	GOVERNMENT OF MINA GRANT (50% STATE SHARE)	III) 电衰弱过 岛耳角 地布的山油 (50% 山州語の 山南場)		36544546.50
TOTAL STATE GOVERNMENT (origin aprix terminal Cumfagal GRANT - Total-1	v bereinst Guerfigge		2157065250.00	TOTAL STATE GOVERNMENT EXPENDITURE	iongles agree merskruggelolingen Responsiventuria, Georges Geoverhensisser		2044665959.80
III) GOVERNIMENT OF INDIA III) 四条例以。 GRANT	मि एकेकीय आहा जालीय हो			III) EXPENDITURE OUT OF GOVERNMENT OF INDIA GRANT	II) மத்திய அரசு பரசுயத்திலிருந்து நேற்கொர்குப்பட்ட செவளினம்		
	ர் கால்நகாட திட் <u>டங்கள்</u>	123810946.00		() Veterinary Schemes	ो स्मारोक्ष्ममा हीचीन्डरंग	97906077.09	
	டி மீன்வைத் இப்புங்கள்			II) Fisheries Schemes	H distrooms Bill desir		
GOVERNMENT OF INDIA GRANT (50% STATE SHARÉ) 山崎島)	ili) යන්තුවය කුලප ගෞමාගේ (90% ගැලිවෙ ගණුලා)	31698000.00		GOVERNMENT OF INDIA GRANT III) Jaby自由 好的 umminub (50% (50% STATE SHARE) unfileo unfileo	III) நூத்திய ஆரசு மான்யம் (50% மாகில மக்கூ)	36544546.50	

KECEIPIS	AUGIST	CE-MBIA	Chance Chance	CHARGES	Memory and The Control of the Contro	Tue-D	Tues (F)
GOVERNIMENT OF INDIA GRANT (76% GOI SHARE)	(ह) महोद्धान और जनक्षामण (१५%) जाकीमा भारति । (१)	4.1		GOVERNMENT OF INDIA GRANT (75% GOI SHARE)	III) மத்திய அரசுமான்யம் (75% மத்திய மங்கு)	5262295,50	
GOVERNMENT OF INDIA -	W) மத்திய அரசு மான்யம் (NADP)	133787668.00		GOVERNMENT OF INDIA - NADP	H) unggin apres tometrune (NADIP)	48756317.63	
				REFUNDED TO THE FUNDING AGENCIES	BB Businentungkin Bigins Gryslagitaling	1513222.00	
Total -2			289296514.00				189984458.72
IV) ICAR - FULLY FUNDED GRANT	iv) இந்திய கோசார் ஆநாய்ச்சிக் கதக முழு பள்ள்யம்			(II) ACAR - FULLY FUNDED ORANT - EXPENDITURE	III) श्लिकेक्षीय प्रशासकांत मुह्णप्रकेशीत स्थान छुत्ता । प्रत्यामध्ये ~ दिनस्थात्रीस्तापे		
I) Veterinary Schemes	# cerreigeon. gilhteseir	67274028.00		I) Veterinary Schemes	Berringson, Bl	6769809B.DO	
II) Fisheries Schemes	ரு மீன்களத் திட்டங்கள்			ii) Fisheries Schemes	ily ultimounts gill in mount		
Total-3			67274028.00	REFUNDED TO THE PUNDING AGENCIES	A A A A A A A A A A A A A A A A A A A	3126633.49	70823731.49
IV) KAR - NAIP GRANT	IV) இந்திய வேளாள் ஆராய்ச்சிக் வழவம் — எள்.ஏ.ஐ.கி புரன்பம்		)	IV) ICAR - NAIP GRANT	IV) இந்திய வேனாண் ஆராய்ச்சிக் கழகம் என்.சு.ஐபி மான்கம்	-254965.00	
() Veterlhary Schemes.	B. carrietgent, Millimitered		200 400	I) Vetertnary Schemes	B candy game, golden, chancin		
4) Fisheries Schemes	ो पीलंक्ष्मक क्री कोक्ष्मं			II) Flaherles Schemes	liş dibireweşi gili Liklasığı		
Total -4	1			AGENCIES TO THE FUNDING	BB Banomise moses strains.	. 1,	-254965.00
V) ICAR - PARTLY-FUNDED GRANT	V) இத்திய கேமாசன் ஆராய்ச்சிக் கழக பகுதி பான்மம்	,		IV) ICAR - PARTLY FUNDED GRANT - EXPENDITURE	IV) श्रीहेड्डीय दीवातत्त्वीतः स्थूताचीरंतीकं व्हाप्तक शक्तुकी प्रत्यंतापके — दिनकार्यक्रमा		
I) Veterinary Schemes	) கால்நடை திட்டங்கள்	24304786.00	į.	I) Veterinary Schemes	9 eurologicon, gall interest	21961302.96	
ii) Fisheries Schemes	N Vicinaria palanteria			8) Fisherles Schemes	l) Connects (A.1. AlGar		
Total-5	,		24304786.00	REFUNDED TO THE FUNDING AGENCIES	And Same of the Sa	1367050.00	23348352.96
VI) ICAR DEVELOPMENT GRANT	VB शिक्षेत्रीया विकासमाननेत सुरूपमांतंत्रकीके व्यक्ति व्यक्तमं केली धनानेत्रका			V) ICAR DEVELOPMENT GRANT - EXPENDITURE	∨) இந்திய கேமாரண் ஆராங்க்கில் கழக வரார்ச்சி மாள்யக் → செலவிளாம்		
I) Veterhary Schemes	D veredyzen, Blitanierir	40382000.00		f) Veterinary Schemes	) अम्ब्याप्रकारः क्रीट. त्यासम्बद्धाः	41317522.62	
(i) Fisherles Schemes	I) Literaum b. Sillenaum b.		100 Hz	II) Fleheries Schemes	1) மீன்வளத் திட்டங்கள்		41317522,52
Total•6			40382000,00				
VII) GRANT RECEIVED FROM OTHER AGENCIES	Viş प्रोप्त हित्तरकलचेन्द्रनती अभिप्रकृत्य विप्यतिक्या विप्रविधान		2.9	X) EXPENDITURE OUT OF GRANT RECEIVED FROM OTHER AGENCIES	VV ปัก ผินกางจากระสาในเดินกับ Guminalia เการ์สนหัติที่ติ Gariumalia Greandami		-
i) Veterliyary Schemes	h seried growth garlin receive	161154616.70		i) Vetertrary-Schernes	Despione grant	104174820.79	

RECEIPTS	नाएं ब्युक्तां	G€.600 L	Claurill)	CHARGES	செலவுகள்	nav@	UR, sau
) Fisheries Schemes	ரு மீன்ஸாத் திட்டங்கள்			ii) Fisheries Schemes	ர்) நீள்வரத் திட்டங்கள்		
Total -?			161154616.70	REFUNDED TO THE FUNDING AGENCIES	நிதி நிறுவனங்களுக்கு திருப்பி செலுந்து பட்டது	435459.00	104610279.79
VIII) UNIVERSITY RECEIPTS	VII) रारुंक्रकावार्के अपुष्ट व्यावानिकाचेल्डबंग		102928268.93				
IX) OTHER SCHEME RECEIPTS IX) பிற திட்ட வரவினங்கள்	1∆, பிற திட்ட வரவினங்கள்		61655618.30				
X) ADVANCES	X) फुछंगान्ज्ञामंत्रहलंग		18665476.00	IX) ADVANCES	X) (yeêr usar riuss ir		15126676.00
XI) DEPOSIT RECEIPTS	XI) काञ्चांप क्रिक्टी बाजवासकी		394405615.06	X) DEPOSIT CHARGES	XI) கைப்பு நிதி வரவுகள்		602645622,89
TOTAL RECEIPTS	சென்றத் வரவிகாம்		3317132172.99	TOTAL EXPENDITURE	பொத்த செலவினம்		3092268539,17
				CLOSING BALANCE	இழக் இருப்பு		880857189.56
GRAND TOTAL INCLUDING OPENING BALANCE	பெருமோத்தம் (ஆரம்ப இருப்பிளை சேர்த்து)		3973125728.73	GRAND TOTAL INCLUDING CLOSING BALANCE	பெருமெரத்தம் (இறுதி இருப்பினன சேர்த்து)		3973125728,73

FINANCE OFFICER
Teminwell Veterinery and fash
Science University
Mediawaram Milk Colony
Chemon-900 051,

Deputy Director
Local Fund Audit
TANILVAS, Vepery

Participation   Participatio	A SOUTH THE WAY A SOUTH THE WAY AND A SOUTH TH		CAMIL NADUVE	TERINARY AND AN	NADU VETERINARY AND ANIMAL SCIENCES UNIVERSITY			
RECEPTS   Against Biggst   Recepts   Recepts	100000000000000000000000000000000000000		Oursignate .	கால்நகா மருத்தும் அ	இவுள்ளு எல்லமைக்கும்கள்			
PERCENTS   Building Signal		ABSTR	ACT OF ANNUAL AC	COUNTS FOR THE	PERIOD FROM - 01.04.2016 TO 31.0	3.2017		
Pagniku Biguist   Biguis		Б	104.2016 mpsi 3103.21	77 akstytillemen aydi	டு வரவு செலவு கண்க்குகளின் கருக்கம்			
中央	RECEIPTS	in the specifical in the speci	CB,	TOP-953	CHARGES			
Particle of the property o	I) OPENING BALANCE	ர் ஆஸ்ப இருப்பு		880857189.56		Tie School State	(G-smu	(Dealer)
特別的 よの	RECEIPTS	arrapasir			CHARGES	Decision of		
特 Gardingson - 投上上の手作	II) STATE GOVERNMENT GRANTS	II) เอกร์โลง อุคย์ในเกิดรูดีสูก ดีนายสน์จูนัก เมาจำนาณละค่า			I) EXPENDITURE OUT OF STATE GOVERNMENT GRANTS	ுக்கையுள்ள 7 பாநில் அரசு மான்பத்திலிருந்து மேற்கொள்ளப்பட்ட சேகைறினாகள்		
特別上身的的 Germ pgg	1) VETERINARY SCHEMES	ர் கால்நடைத் பாகள்			1) VETERMARY SCHEMES	்) கால்கள் திடங்கள்		
特別上面 profite and passed   19 Plant B Schemes   1	i) Non-Plan Schemes	) தட்டத்தில் சோகத	1237519000.00		i) Non-Pian Schemes	9 திட்டத்தில் சோருக்	876085030 00	
R. Lunglieb Liggiento	II) Plen Schemes	டி திட்டம் சார்ந்தலை	828527000,00		II) Plan Schemes	10 cBi'l io serifikasansı	000000000000000000000000000000000000000	
1)	iii) State Innovalive Fund Schemes	இ எனின் எதின்ற இது	129611000.00		ill) State Innovative Fund Schemes	ന് കന്ത്രം പ്രൂത്രം കൂട്ട	80000000008	
10	Iv) ReImbursement of tution fees for first generation graduate	iv) முதல் தலைமுறைப் பட்டதாரிக்ளுக் கல்விக் சுட்டணச்சலுகை	1100000.00		N)-Part II Schemes	N) புதிய திட்டங்கள் பகுதி II	1810215.00	
III					v) 25% ICAR State Share	ர் 25% இவேஆக் மாநில பங்கு	10274172.40	
11	1.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4	:		-	vi) Penalon	ரி ஒய்வூகியம்	444858607.00	
II ) 山 山 山 山 山 山 山 山 山 山 山 山 山 山 山 山 山	TOTAL			2196757000.00	TOTAL		224	18134772,43
GOVERNMENT unple grantering (50%)  (50% STATE SHÄRE)  Unple grantering (50%)  EXPRENDITURE  (50% STATE SHÄRE)  Unple grantering (50%)  Unple grantering (50%)  (50% STATE SHÄRE)  Unple grantering (50%)  Unp	GOVERNMENT OF NIDIA NADP GRANT (40% STATE SHARE)	III) மத்திய அரசு மான்ஸம். (40% பாநில பங்கு)		12598200.00	GOVERNMENT OF INDIA MADP GRANT (40% STATE SHARE)	11) மத்திய அரசு மாள்யப் (40% மாநில பர்பகு)		10444513.60
COVERNMENT   Langles agen unremulted Gummages in the Control of					GOVERNMENT OF INDIA GRANT (50% STATE SHÄRE)	III) மத்திய அரசு மான்யம் (50% மரநில பக்கு)		2820622.76
PET & PALLADAM, 器	IOTAL STATE GOVERNMENT GRANT - Total-1	lumper person constitute Granderia.		2209355200.00	TOTAL STATE GOVERNMENT EXPENDITURE	பாநில அரசு மான்யத்திலிருந்து போழ்சொள்ளப்பட்ட பொத்த செலவினங்கள்	223	31399908.79
	VPM, RANIPET & PALLADAM, RRUPPUR AMOUNT RECENTED			302250060.00	IVPM, RANIPET & PALLADAM, TIRUPPUR AMOUNT RECEIVED	ஆவிபிரும் நாள்ளிடே பல்லடம், நிருப்பூர்		2445085.00

RECEIPTS	வரவுகள்	CE-SOL	T-68-69	CHARGES	Cold Street Cold Street	Class Co	MP-90T
III) GOVERNMENT OF INDIA	ப்பித்திய அரசு மான்வம்			III) EXPENDITURE OUT OF GOVERNMENT OF INDIA GRANT	li) மத்திய ஆர்சு மான்யத்திலிருந்து மேற்கொள்ளப்பட்ட செல்வினம்		
) Veterinary Schemes	ர் கால்நடை திட்டங்கள்	89043709,00		i) Veterinery Schemes.	) கால்நலட திட்டங்கள்	102074212,42	
GOVERNMENT OF INDIA - NADP GRANT (60% GOI SHARE)	III) ஆர்சு மான்பம் (60%)	18897300.00		GOVERNMENT OF INDIA - NADP GRANT (60% GOI SHARE)	III) io 查洛加 ayras correntaio (60%)	15666770.40	
				GOVERNMENT OF INDIA GRANT (50% GO! SHARE)	III) ugite unrëmub (50%)	2820622.77	
GOVERNMENT OF INDIA -	iii) மத்திய அரசு மான்பயம் (NADP.)			GOVERNMENT OF INDIA -	III) प्रकृषियः कृत्यन प्रात्कापक्षे (NADP)	126786.00	
				REFUNDED TO THE FUNDING AGENCIES	இதி நிலுயாவன்கள்கு கிருப்பி செலுந்தப்பட்டது	8734661.43	
Total -2			107941009.00				129423053,02
GRANT	IV) இந்திய வேளாண் ஆராய்ச்சில் சுழக முழு மான்யம்		•	III) ICAR - FULLY FUNDED GRANT - EXPENDITURE	110 இத்திய வேளான் ஆளய்ச்சிக் குதக முலு மான்யம் — செலவினம்		
l) Veterinary Schemes	\$ GSFF SUSE SELL TO US ST	75969326.00		i) Veterinary Schemes	ந் கால்நடை திட்டங்கள்	90119573.50	
			75969326.00	REFUNDED TO THE FUNDING AGENCIES	நிதி நிறுவனைகளுக்கு மிகுப்பி செலுத்தப்பட்டதி	2542762.00	92662335,50
V) ICAR - PARTLY FUNDED GRANT	V) இந்திய வேளாண் ஆராப்ச்சிக் சுழக பகுதி யாள்வகம்			IV) KAR - PARTLY FUNDED GRANT - EXPENDITURE	IV) இந்திப் வேனாண் ஆராப்ச்சிக் கழக பகுதி மாள்பம் – செவவிகாம்		
i) Veterinary Schemes	ர் சால்நடை திட்டங்கள்	25827500.00	1000	I) Veterinary Schemes	ர கால்தடை திட்டங்கள்	27540351.10	
			25827500,00	REFUNDED TO THE FUNDING AGENCIES	நிதி நிறவணங்களுக்கு திருப்பி செலுத்தப்பட்டத்	1210006.82	28750357.92
VI) ICAR DEVELOPMENT GRANT	VI) இந்திய வேளாண் ஆராய்ச்சிக் எழக வளர்ச்சி மானயம்			V) ICAR DEVELOPMENT GRANT - EXPENDITURE	V) இந்திய கேமனான் ஆராய்ச்சில் கதுக வளர்ச்சி மாள்யம் – செலலினம்	f	
I) Veferinary Schemes	) andypan, Bliinash	68152000,00		I) Veletinery Schemes	) saravineanc. 38L'i. museair	72610988.00	72610988.00
Total-6			68152000.00				
VII) GRANT RECEIVED FROM OTHER AGENCIES	VV) เริ่ม த்றுவனங்களி…மிருந்து பெறப்பட்ட மாள்பம்			X) EXPENDITURE OUT OF GRANT RECEIVED FROM OTHER AGENCIES	V), பிற நிறுவசாயகளி டகிருந்து செறப்பட்ட மான்பத்தில் செய்யட்டி. செலகினர்		;
i) Veterinary Schemes	§ கால்நமை, திட்டஙகள்	13307920.00	-	I) Veterinary Sohemes	) கால்நடை திட்டங்கள்	101439961.71	
			13307920,00	REFUNDED TO THE FUNDING AGENCIES	ந்த இருவனங்களுக்கு திருப்பி செலுத்தப்பட்டது	1314000,51	102753962.22

VIII) LIMINGOOTTV DOWNSON		Charles Co. Co.	CHARGES	Ormoniam		
	Mark and a second secon			THE PARTIES AND ADDRESS OF THE PARTIES AND ADDRE	DCG-SDC	79,46
m) contended a Receipton	VIII) प्राथककारुक कप्रक ध्यान्धान्तात्त्राकता	149727437,23				
COTHER SCHEME DECEIDED	(M. On A)'					
		79178524,18				
X) ADVANCES	M. stabist scherrift service					
	א נקומשו רשומת ושומאפון	15463194,00	IX) ADVANCES	X) (yaán saambaseár		7108070.00
XI) DEPOSIT RECEIPTS	XA etienia che omoraci					
	Plotofra time History (	504704230.54	X) DEPOSIT CHARGES	XI) काकाम्म क्रिकी कामक्रक्तम		294805801.39
TOTAL RECEIPTS	Qurièm auralienin					
		3551876340,85	TOTAL EXPENDITURE	பொழ்த் செலமின்	শ	2961959561.84
			PLOBING DATA ANDRE			
COACH TOTAL			CLOSING BALANCE	<b>南京 18</b> 18 19 19 19 19 19 19 19 19 19 19 19 19 19	14	1470773968.67
	சுப்டுக்காததை சூரின் இருப்பிகளை சேர்ந்து	4432733530,51	GRAND TOTAL INCLUDING	பெருமொத்தம் (இறுதி இருப்பிலன் சேர்த்து)	44	AARSTRAND ST
			CLOSING BALANCE			

DEPUTY BUJETTOR.
Local Information

FINANCE OFFICER.
Tamii Madu Veterinary and
Animal Sciences University,
Chemal - 51.

Charge

TANNENADU VETERINARY AND ANIMAL SCIENCES UNIVERSITY SLOPED CENTROPAL LOGE SEND AND ANIMAL ACCOUNTS FOR THE PERIOD FROM 01.04.2017 TO 31.03.2048
01.04.2017 (以數於 31.03.2018 SLOSE)以前的100.1666、31.04.2017 (以數於 31.03.2018 SLOSE)以前的1160.1666、31.04.2017 (以數於 31.03.2018 SLOSE)以前

MECEN 13	कांग्रेक्ष्मिक ता	T(6:4)	76.6	CHARGES	टामकाकवा	വരംഎ	പ്രംഎ
6	ர் ஆரம்ப இருப்பு		1470773988.67				
1	Outrapa on			CHARGES	जिल्लाकता विल्लाकता		
BY STATE GOVERNMENT (I) GRANTS (I)	ி மாநில் அரசிடமிகுந்து பெறப்படும் மான்யங்கள்			() EXPENDITURE OUT OF STATE GOVERNMENT GRANTS	்) மாநில் அரசு மான்யத்திலிருந்து மேற்கொள்ளப்பட்ட செல்வினங்கள்		
1) VETERINARY SCHEMES (1)	I) Service Miller mission		-	1) VETERINARY SCHEMES	1) கால்நன்ட நிட்டங்கள்		
0	ர நிட்டத்தில் சேராத்து	1200035000.00		i) Non-Plan Schemes	1) 新山上海南部 Gentraga	859562117.61	
_	ற்திட்டம் சார்ந்தலை	835990000,00		(i) Plan Schemes	9) திட்டம் சார்ந்தகைவ	864709022,53	
	নি তাল্যানিক ধৃষ্ট্যক্তিক ক্রিক্রী	108822000.00		III) State Innovative Fund / TANII	প্রত্রি বাঞ্চান্দ্রীন ক্রেট্রায়তা (ম	188632509.00	
ior first generation graduate (vi first generation graduate (vi	N) ശ്രമംഗ് ജങ്ങസ്യാന്ത്രവ്യാ പ്പ്പുണ്ടികളുക ക്കവിക് ഒപ്പാങ്ങൾ ക്യൂഷത	2460000,00		IV) 25% ICAR State Share	N) 25% இ.வே.ஆ.க.மாநில பங்கு	7968526.26	
				v) Pension ·	v) কুয়েন্ড্রান্ড্রান্ড	494090218.00	
	மெரத்தம்		2237107000.00	TOTAL	Cloringth		2414862393.39
CFDT, Keduvall & DC, TANLVAS (U) (Crestion of Cepital Assats)	மூலதன். சொத்து உருவாக்கம், சொடுவள்ளி, சிகிச்சையியல் துறை	,	92650000.00	CFDT, Koduvalli & DC, TANLIVAS (Crestlon of Ception Assets)	முலதன் சொத்து உருவாக்கம். சொடுவள்ளி, சிகிச்சையியல் துறை		92650000,00
TOTAL STATE GOVERNMENT. IDGRANT - TOTAL 1	ம்சுநில அரசு மான்யம் மொத்தம்		2329757000.00	TOTAL STATE GOVERNMENT EXPENDITURE	மாரில் அரசு மான்யத்திலிருந்து மேற்கொள்ளப்பட்ட மொத்த செல்விளங்கள்		2507512393.39
GOVERNMENT OF INDIA . IN NADP GRANT (40% STATE DI SHARE)	மத்திய அரசு மாள்யம் (40% மாநில பங்கு)		20000000.00	GOVERNMENT OF INDIA NADP GRANT (40% STATE SHARE)	ណ្ឌំភ្នំដៃ នច្ចេក លេកថារយៈ០ (40% លេកគ្រិស បារីអម្មិ)		11824000.40
GOVERNMENT OF INDIA NLM INGRANT (50% STATE SHARE)	மத்திய அரசு மாள்யம் (50% மாநில பங்கு)		10000000.00	GOVERNMENT OF INDIA NEM GRANT (50% STATE SHARE)	फिर्डुडीय अएक कान्स्याक (60% क्रमक्रिक प्राथित्र)		100000000.00
WPM, RAWIPET & PALLADAM	ஐ வி.பி.எம்.ராணியேட் பல்லடம்		340011490.00	IVPM, RANIPET & PALLADAM	ஆவி.பி.எம்.ராணிபேட், பல்லடம்		805851093.00
							di

		)	)		The Company of the Co		[1/00-69]
III) GOVERNMENT OF INDIA GRANT	॥) केक्क्रीया अमृत्य ध्वताचार्य			(1) EXPENDITURE OUT OF GOVERNMENT OF INDIA GRANT	III) மத்திய அரசு torresturb - செல்வினம்		
Veterinary Schemes	GHEOTHER BLLMEST	68947122.00		Veterinary Schemes	காலநடை திட்டங்கள்	69261711.99	
GOVERNMENT OF INDIA - NADP GRANT (60% GO! SHARE)	ang and a constant (60%)	3000000000		GOVERNMENT OF INDIA - NADP GRANT (80% GO! SHARE)	किक्कीमा अहन्द्र धार्मनामा (१०%)	17736000.60	
GOVERNMENT OF INDIA . NLM GRANT (50% GOI SHARE)	किक्रेडीय अगुरू धतालांच्याके 50%)	10000000.00		GOVERNMENT OF INDIA, NEM GRANT (50% GOI SHARE)	மத்திய அரசு மான்யம் 50%)	10000000.00	
				REFUNDED TO THE FUNDING . AGENCIES	ந்து நிறுவனாகளுக்கு திருப்பி செலுத்தப்பட்டது	2224791.14	
Total -2			108947122.00				119222503.73
IV) ICAR - FULLY FUNDED GRANT	iv) இந்திய கேனான் ஆராப்ச்சிக் கழக் முழு மான்யம்	2		W) ICAR - FULLY FUNDED GRANT - EXPENDITURE	N இந்திய கேனான் ஆராப்ச்சிக் கழக் முழு மான்யம் -செலவினம்		
Vaterinary Schemes	கால்நடை திட்டங்கள்	90088298.00		Vetarinary Schemes	Bertaspant, Millander	95627945,64	
-			90088288.00	REFUNDING AGENCIES	நிதி நிறுவனங்களுக்கு திருப்பி செலுத்தப்பட்டது	1224120.42	96852088.05
V) ICAR - PARTLY FUNDED	V) @h.killi Calefff ohr at maritalala			STORE IN PROVIDE STORE OF	An Ohio Macana		
GRANT	கழக பகுதி மாள்யும்			GRANT - EXPENDITURE	v) ஐந்திய அவளாள ஆராய்ச்சுக் கழக பகுதி மாள்யம்		
Vetarinary Schames	stray book. All maste	23171668.00		Veterinary Schemes	கால்நடை நிட்டங்கள்	19147737.75	
			23171668.00	REFUNDED TO THE FUNDING AGENCIES	ந்தி நிறுவளங்களுக்கு திருப்பி செலுத்தப்பட்டதி	3701466.40	22849204.15
WINCAR DEVELOPMENT GRANT	vi) இந்திய வேளான் ஆராப்ச்சிக் உழக் வளர்ச்சி மான்யும்		50883886.00	VI) KGAR DEVELOPMENT GRANT - EXPENDITURE	VI) KCAR DEVELOPMENT GRANT VI) இந்திய வேளாள் ஆராப்ச்சிக் கழக் வளர்க்கி மாள்யம் - செலவிளம்		49545500.00
VII) GRANT RECEIVED FROM OTHER AGENCIES	VI) பிற நிறுவசாகளிடமிருந்து பெறப்பட்ட மான்யர்			VII) EXPENDITURE OUT OF GRANT RECEIVED FROM OTHER AGENCIES	VI) பிற நிறுவனர்களிடமிருந்து பெறப்பட்ட மான்யத்தில் செலவு செய்யப்பட்ட தொகை		
Veterinary Schemes	காலந்டை திட்டங்கள்	18375450.00	7	Veterinary Schemes	கால்நடை திட்டங்கள்	166452916.89	
			18375450.00	REFUNDED TO THE FUNDING AGENCIES	ந்து நிறுவளங்களுக்கு திருப்பி செலுந்தப்பட்டது	471267.89	186924184.88
VIII) UNIVERSITY RECEIPTS	VIII) प्रकासकाक स्मुक व्यक्तभाषाका		157755143.13				

	(B-40)	CHARGES		mage-4D	CIE-400
IX) OTHER SCHEME RECEIPTS IX) LIJD SILL autoilleminism	233713178.97				
X) (Ip off Learth Seet	15528649.00	X) ADVANCES	X) फुल्बाफ्यक्वामायन्त		6511700.00
XI) DEPOSIT RECEIPTS XI) amouthly IDIA outpaysett	451767374.27	XI) DEPOSIT CHARGES	XI) काव्यांचेत् क्रिक्री जिल्लास्त्रकार		316058794.73
TOTAL RECEIPTS வெரவினம்	3649997359.37	TOTAL EXPENDITURE	மொத்த செலவினர்		4114151440.34
h		CLOSING BALANCE	කුගුනි කිලාප		120681BB87.70
GRAND TOTAL INCLUDING பெரு மொத்தம் (ஆரம்ப OPENING BALANCE *	6320771328.04	GRAND TOTAL INCLUDING CLOSING BALANCE	பெரு மொத்தம் (இறுகி இருப்பிளைச் சேர்த்து		5320771328.04
FINANCE OFFICER?			DEPUT DIRECTOR TO TANUTAS Audit, Chennal - 7.	THO STATE OF THE S	



#### 6.6.9 Accomplishments

#### 6.6.9.1. Awards received by the University

Year	National
2017-18	CPPM, Hosur received <b>Certificate of appreciation</b> for the outstanding performance for the year 2017-18 in implementing ICAR-Poultry Seed
	Project from Directorate of Poultry Research, Hyderabad.
2018-19	CPPM, Hosur received <b>Certificate of appreciation</b> for the outstanding performance for the year 2018-19 in implementing ICAR-Poultry Seed
	Project from Directorate of Poultry Research, Hyderabad.

#### 6.6.9.2. Accreditation report of the University and Colleges by ICAR

#### Recommendation of the Accreditation agencies

**Action Taken report by the University** 

# COMPLIANCE REPORT ON THE OBSERVATIONS OF PEER REVIEW TEAM FOR ACCREDIDATION BY THE ICAR

(For MVC and VC&RI, Namakkal)

01					
Observations			ns taken		
1. For more than one year, the position of Vice Chancellor is vacant. Efforts need to be mad for the appointment of regular Vice-Chancel on priority basis.	has taken char	ce-Chancellor l ge as Vice-Cha			
2. The positions of Director, Centre for Animal Health Studies, Dean, Madras Veterinary College and Dean, Faculty of Basic Science and Director of Clinics are also vacant. Immediate steps need to be taken to fill-up to vacant positions.	(CAHS), Dear Faculty of Ba following indi Director, CAH	Director, Cern, Madras Veternsic Sciences (viduals have talls – Dr. P.I. Gallachallor, Kumanan	rinary Colle FBSc) hav ken charge nesan	ege (MVC) e been fille	and Dean, ed up. The
3. The University has staff position of about 69.12% against the sanctioned posts.Immed steps are needed to fill-up the vacant position	posts of Assis fill up 49 posts May 28, 2015 has increased faculty position for three colled also been prostudy report.	ing the Self-size recruitment in tant Professor. It is of Assistant Professor as last date. The from 69% to 73 on (4%) is due to be eges established moted under Caculty position	February Further on rofessor ha ne total per 10% now. Th to sanction d recently. CAS once	2014 and f e more reconstructions been advected as been a	filled up 29 ruitment to ertised with posts filled increase in tional posts aculty have atting self-
	Post	Sanctioned	No. filled	Vacant	%
	Vice-Chan- cellor	1	1	0	100%
	University Officers	18	17	1	94%
	Professor	86	66	20	77%
	Associate Professor	221	165	56	75%
	Assistant Professor	478	342	136	72%
	Librarians	10	6	4	60%
	Physical Directors	5	1	4	20%
	Total	819	598	221	73%

	Observations	Actions taken
4.	As many as 60% of students are coming from Tamil medium of instruction at +2 level, the communication skills need to be improved by providing personality development programmes regularly throughout the duration of the programme.	The Deans of colleges have been instructed to provide training in communication skills and personality development with professional trainers. Already such programmes are in operation in both the colleges. They will be strengthened.
5.	The University has created several state of art research facilities and centralized service providing facilities with adequate expertise. Considering the strength these facilities and expertise available, more efforts need to be made for commercialization of technologies and generation of resources by offering analytical / consultancy services, which would help in sustained growth and development of the University.	Necessary steps in this regard have been initiated. The IPR cell has been reconstituted. Points (Marks) are being provided for transferring technology and for consultancy projects in CAS scheme. A system of sharing the benefits of transfer of technology between developers and University has been put in place.
6.	Since the number of girl students has been increasing at Veterinary College and Research Institute, Namakkal, the additional hostel facility for girl students need to be provided. The Teaching Veterinary Clinical Complex facilities may be further strengthened. Further, a multipurpose auditorium and indoor sports facilities need to be created.	Proposals in this regard have already been sent to the ICAR. Again in the demand for IDG 2015-16, budget have been requested from the Council. The University is also approaching various other funding agencies including State government in this regard.
7.	For colleges of Veterinary Science, the recommendation of VCI must be adhered to.	All the four veterinary colleges have been approved by the VCI and the provisions of MSVE 2008 is being followed <i>in toto</i> .

# ACTION TAKEN REPORT FOR PEER REVIEW TEAM VISIT AT COLLEGE OF FOOD AND DAIRY TECHNOLOGY-KODUVALLI, TIRUVALLUR DISTRICT CHENNAI – 52

- I. The departments with faculty in core disciplines were strengthened at College of Food and Dairy Technology
  - a. In addition to two existing departments viz. Food Science & Technology and Food Engineering, three more departments were created and started functioning at College of Food and Dairy Technology from 01.04.2015.

Sl. No.	Departments available before ICAR Peer Review team visit (September, 2014)
1	Food Science and Technology
2	Food Engineering
	Departments created after ICAR Peer Review team visit (September, 2014)
1.	Food and Industrial Microbiology
2.	Food Chemistry and Nutrition
3.	Food Trade and Business Management

b. Seven Assistant Professors were newly recruited and posted in various departments of College of Food and Dairy Technology –Koduvalli, Tiruvallur District, Chennai – 52 as below.

Dept. of Food Science and Technology - 3 Assistant Professors

Dept. of Food Engineering - 1 Assistant Professor

Dept. of Food and Industrial Microbiology - 1 Assistant Professor

Dept. of Food Trade and Business Management - 2 Assistant Professors

Sl. No.	Name of the Department	No. of Assistant Professors	Name of the Assistant Professor	Specialization
1	Food Science	3	Th.D.Ramasamy	Food Technology
	and Technology		Th.I.Manikkavasagan	Bio Technology
			Dr.M.Esther Magdalene Sharon	Agricultural Processing
2	Food Engineering	1	Th. J.Jerish Joyner	Food Process
				Engineering
3	Food and Industrial	1	Dr.P.Geetha	Food Technology
	Microbiology			
4	Food Trade and	2	Tmt.V.Nithyalakshmi	Agricultural Processing
	Business Management		Dr.N.KarpooraSundaraPandian	Agricultural Processing

The staff position in various Departments (before ICAR Peer Review team visit) at College of Food and Dairy Technology –Koduvalli, Tiruvallur District, Chennai – 52.

#### **Faculty position**

Sl. No.	Name of the Post	Sanctioned Strength	Post Filled in	Vacancy Position
1	Professor	1	1	-
2	Associate Professor	4	3	1
3	Assistant Professor	11	10	1
	Total	16	14	2

CL N	Name of the Department	Post Filled		N
Sl. No.		Post	No.	Name of the Staff
1	Food Science	Professor	1	Dr.D.Ramasamy
	and Technology	Associate Professor	1	Er.V.Perasiriyan
		Assistant Professor	2	Tmt.K.Sudha Th.AbdulReiyas
2	Food Engineering	Associate Professor	1	Dr.D.Baskaran
		Assistant Professor	4	Dr.A.Karthiayani Er.G.Sujatha Tmt.S.K.Mathangi Er.G.Velayutham
3.	O/o The Dean, CFDT	Associate Professor	1	Dr.T.R.Pugazhenthi
		Assistant Professor	4	Dr.P.Selvan Dr.B.Karthikeyan Dr.Bakiyaraj Dr.R.MarxNirmal

The Staff position in various Departments (after ICAR Peer Review team visit) at College of Food and Dairy Technology – Koduvalli, Tiruvallur District, Chennai – 52.

Sl.	Name of the	Sanctioned strength		Post filled in		Vacancy
No.	Department	Post	No. of Post	No. of Post	Name of the staff	Position
1	Food Science and Technology	Professor	1	1	Dr.D.Ramasamy, Professor and Head	-
		Associate Professor	4	3	Dr.T.R.Pugazhenthi Dr.K.S.Gnanalaksshmi Dr.B.Karthikeyan	1
		Assistant Professor	7	4	Dr.R.MarxNirmal Th.D.Ramasamy Th.I.Manikkavasagan Dr.M.Esther Magdalene Sharon	3
2	Food Engineering	Professor	1	1	Dr.D.Baskaran, Professor and Head	-
		Associate Professor	2	1	Dr.A.Karthiayani	1
		Assistant Professor	4	4	Er.G.Sujatha Tmt.S.K.Mathangi Er.G.Velayutham Er. J.Jerish Joyner	-
3	Food and Industrial Microbi-	Associate Professor	1	1	Dr.B.Murugan, Professor and Head	-
	ology	Assistant Professor	2	2	Dr.P.Selvan Dr.P.Geetha	-
4	Food Chemistry and Nutrition	Associate Professor	1	1	Tmt.K.Sudha	-
		Assistant Professor	1	-		1
5	Food Trade and Business Manage-	Associate Professor	1	1	Th.M.AbdulReiyas	-
	ment	Assistant Professor	2	2	Mrs.V.Nithyalakshmi Dr.N.Karpoora Sundara Pandian	-
	Total		27	21		6

II. The Laboratories at college of food and dairy technology were strengthened with additional facilities. College of Food and Dairy Technology -Koduvalli, Tiruvallur District consists of the following food processing units with the below mentioned Equipment.

Milk Processing Unit	Meat and Fish Processing Unit
Ice cream Unit	Electrical Unit
Flavoured Milk Unit	Thermal Engineering Unit
Yoghurt Unit	Workshop
Paneer Unit	Spice Powder Unit
Quality Control Lab Unit	Soya Milk Unit
Fruits and Vegetable Plant Unit	Community Cattle Care Centre
Confectionary & Bakery Unit	Food Business Incubator

Equipment already available in various Departments (before ICAR Peer Review team visit) at College of Food and Dairy Technology – Koduvalli, Tiruvallur District, Chennai – 52.

Name of the Item	Name of the Item
Butter Churn	Solubility Index Centrifuge
Hand Blender	Electronic Milk Fat Analyzer
Candy Box	Solids Not Fat Tester
Milk centrifuge	Bottle Sealing Machine
Cheese Hoop	Crown Cork Machine
Cheese Knives	High Pressure Washing Machine(floor cleaner)
Cheese Press	Platform Weigh Scale
Cheese Strainer	Deep Freezer + 4 KVA Stabilizer
Cheese Vat	Juicer
Cream Separator - Electrical.	Storage cabinet
Softy Ice Cream M/C (Tr - MVC)	Lassie Machine
Khoa Machine	LovibondAll purpose colour comparator
Gerber's Centrifuge	Pouch Filling Machine
Cream Separator	Steam Generation Equipment – "Boiler"
Milk Boiler	Milk Pasteurizer
Homogenizer	Microfluidizer
Elisa Reader	Autoclave Vertical
Cyclo mixture	Water Bath
Lyophilizer	Colony Counter
Hot Air Oven	Orbital Shaker (Without Clams)
Incubator	Glass Bead Stabilizer
Microscope	Magnetic Stirring Bar
Laminar Air Flow	Plate Master for speed Plating
BOD Incubator	Electro- Power Trans illuminator & Hood
Magnetic Bar retriever	Electro Power – Submarinegel, Vertical gel Power supply
Binocular State Lab Microscope	Electronic Top Loading Balance
Student Compound Microscope	Micro Wave Oven
Double Beam UV-VIS	Calorimeter with 8 filters-Digital
Vacuum Pump	Thin Layer Chromatography set
MBR Water Bath	pH Meter
Remi Centrifuge	Bomb Calorimeter
Vacuum Flask Evaporator	Digital pH Meter – Portable
Refracto meter – Portable	2.5.m. p.11.1001
Ac Study Machine	Tubular Rheostat
3 Slip Ring Induction Motor	Auto Transformer
Loading Rheostat	Working module for water level controller
Digital BTU solar power meter	Thermistor and RTD kit
Bakery Oven	Confectionary Roller
Plentry Mixer	Mittai Die 7"x3" Size
Coffee Machine	Chocolate Sizing Machine
Lolly Pop Pedal Machine	Chocolate Cutters
Ice matic Ice Flakers	Homogenizer – RQ 127 A/D
Vertical Freezer (-20)	Flame Photometer – FGCL 361
Pressure Testing Gauge with data acquisition	Mini Pasta Making Machine
system (CPU)	
Manual Tray Sealing Machine	Soxhelt Unit
Semi Automatic Can Double Seamer	Muffle Furnace
Storage Freezer	Retort (25 Pouch capacity)
Tray Drier	Smoking Kiln

Table Top Meat mincer	Scalding Tank – (2'x1 ½'x 1 ½')
Table top sausage filler	Egg Breaking Instrument
Table Top Chopper	Egg Candling Box
Meat Mincer – Hand Operated	Spherometer
Grill Oven (Bajaj)	
Cobb Sizing Tester	Impact Apparatus
Bursting Strength Tester	Plunger Machine
Porosity Apparatus	Grain Moisture Meter
Angle of Repose Apparatus	Seed Grader
Co-Efficient of Friction Apparatus	Gravity Separator
Vacuum Packaging Machine	
Welding Machine II	Shell & Tube Heat Exchanger – Water
Drilling Machine I	Plate Type Heat Exchanger Apparatus
Drilling Machine II	Thermal Conductivity of Metal Rod
Lathe Light Duty – 4 ½'	Refrigeration Cycle Demonstrator
Bench Grinder – Grinding Machine	Vapour Absorption Refrigeration Trainer
Heat Pipe Demonstrator	
Forced Convection Apparatus	

a. In addition, Quality control Laboratory for Milk and Milk Products admeasuring area of 503sq. ft was created at College of Food and Dairy Technology with the following analytical equipment, allocated one teaching staff to look after routine activities, with a budget of Rs.5.39 lakhs

Sl.	Name of the Equipment	Cost of Equipment (Rs)
No.		
1	Milk Auto analyser	90,000.00
2	Ultra sonicator	20,000.00
3	Moisture Balance	1,05,000.00
4	Laminar Air Flow Cabinet	60,000.00
5	Incubator	36,000.00
6	Microscope	40,000.00
7.	Binocular microscope	9,750.00
8.	pH meter	7,500.00
9.	Water bath	20,000.00
10	Autoclave	38,500.00

## Quality control laboratory for Milk and MilkProducts



Microscope



Laminar air flow, pH meter, Milk auto analyzer



**Faculty Room** 



Moisture balance, Milk auto analyzer



Colony counter, Electrical shaker



Microfluidizer, Flake Ice Machine



Micoscope, Ultra sonicator, waterbath



**Distillation Water Unit, Autoclave** 



Weigh balance, Microscpe, Thermocycler, Loop sterilizer, Biosafety Cabinet



**Biosafety Cabinet** 







**Retort Processing, Extruder** 

#### Seminar Hall with LCD and Video Conferencing facility



b. Strengthening of Food and Industrial Microbiology laboratory with the following equipment

Sl. No.	Name of the Equipment	Cost of Equipment (Rs.)
1	Refrigerator (2 Nos.)	30,000.00
2	Instrument Cabinet (2 Nos.)	30,000.00
3	Bio safety cabinet (1 No.)	1,58,000.00

c. Strengthening of Food Engineering Lab with the following equipment

Sl. No.	Name of the Equipment	Cost of Equipment (Rs.)
1.	Packaging thickness gauge	20,992.00
2.	Tear resistant tester	70,200.00
3.	Mini Retort	92,026.00
4.	F0 value monitor	59,400.00
5.	Pouch filling machine	20,000.00
6.	Refractometer (5 Nos.)	10,000.00
7.	pH meter	9,000.00

d. Strengthening of Physics laboratory at College of Food and Dairy Technology with the following equipment

Sl. No.	Name of the Equipment	Cost of Equipment (Rs.)
1.	Cole parmer basic viscometer	2,67,000.00
2.	Shimadzu weighing balance	75,000.00
3.	ABBE Refractometer	40,000.00
4.	TDS meter	10,000.00
5.	Digital pH meter	20,000.00

- e. Strengthened the College Library with inclusion of new text books and subscription for additional Journals to the value of Rs.2.0 lakhs
- f. Strengthening of Computer laboratory for students and staff utilization for Rs.3.62 lakhs by providing 8 Personal Computers (PCs) and one laptop in addition to the existing 36 computers.
- g. Extension block was constructed at CFDT in 6505sq.ft area with the following facilities with a budget of Rs.1, 15,00,000/-

#### **Extension Block**



Sl.	Name of the rooms	No. of the	Area
No.		Rooms	(in sq.ft)
1	Class room- 1	1	774
2	Central Library	1	1866
3	Class room- 2	1	601
4	Professor and Head room	1	237
5	Assistant Professor room	1	337

h. The students are exposed to both theory and practical on current trends in food safety at Pharmaco Vigilance Laboratory for Animal Feed and Food Safety (PLAFFS), Madhavaram Milk colony which is a national facility approved by the Department of Science and Technology (DST) with high end analytical equipment for food analysis. Since CFDT comes under TANUVAS, the headquarters of which functions at Madhavaram Milk colony, the PLAFFS recognized as a centralized facility for food technology faculties and students engaged in Research and Development at CFDT, Chennai-52. The students of CFDT are utilizing the laboratory facilities available at PLAFFS from 2012 onwards for mini projects, in-plant training and U.G and P.G courses of various batches of CFDT students. Currently one M. Tech (Food Technology) student is carrying her Master's Research work at PLAFFS.

# 6.6.9.3. Inter Institutional Standings of the University in Academics/Research/Extension/Sports/Games/Cultural Events

## National Institutional Ranking Framework Ministry of Human Resource Development Government of India

Tamil Nadu Veterinary and Animal Sciences University

Year	Score	Rank
2014		
2016	64.23	36
2017	42.48	38
2018	41.73	65
2019	40.88	70

#### **Indian Council of Agricultural Ranking**

Year	Rank
2014-15	
2016-17	10
2017	
2018	38
2019	

#### 6.6.9.4 SOCIO ECONOMIC IMPACT OF TANUVAS

The seed for the establishment and growth of TANUVAS was sown as early as 1876, when the Madras Veterinary College was started as an Agricultural School in Chennai to offer diploma and certificate course in the field of veterinary and animal sciences. The institute attained the status of a college in the year 1903 (01.10.1903), when it started functioning at Dobbin Hall, Chennai and admitted 20 students for a three-year diploma course called GMVC (Graduate of Madras Veterinary College). Based on the recommendation of the Royal Commission on Agriculture, the college was upgraded to impart degree in veterinary science. Although the college was the fourth veterinary institution to be started in India, it was first veterinary college in the country to be affiliated to a university, the University of Madras in 1935 and the Bachelor of Veterinary Science (B.V.Sc.) degree course was started in 1936. The University of Madras also recognized the college as a centre for postgraduate education. In 1969, the college was made as the Directorate of Veterinary Education and Research. The college was then academically affiliated to Tamilnadu Agricultural University (TNAU) in 1974 and became a constituent unit of TNAU in 1976. To meet the demand of veterinary education and research, a second veterinary college was started in Namakkal in the year 1985.

Realizing the importance of education research in animal and fisheries sciences so as to increase its productivity towards better income generation for the resource poor farmers, the government of Tamilnadu established the first veterinary and animal sciences university in Asia on 20th September 1989 with its head quarters at Chennai with the name Tamilnadu Veterinary and Animal Sciences University (popularly abbreviated as **TANUVAS**). Two more veterinary colleges, one at Tirunelveli and another at Orathandu in Thanjavur district were started in the year 2012 - 13. The Institute of Food and Dairy Technology, Koduvalli, Chennai which was established in the year 1993 was upgraded as College of Food and Dairy Technology (CFDT) on 10.04.2012.

One more constituent unit of TANUVAS, the College of Poultry Production and Management was established in the year 2011-12 at Mathigiri, Hosur, Krishnagiri district of Tamil Nadu to offer under graduate programme, B.Tech., (Poultry Technology) of four years course. This college is the first of its kind in the country to offer such a unique course particularly catering the needs of technical man power demands of poultry industry with the mandate of producing technocrats with sound skills in Poultry Engineering, Management, Processing and Technology.

Tamil Nadu has 9.52 million cattle, 0.52 million buffaloes, 4.50 million sheep, 9.89 million goats, 0.07 million pigs and 120.78 million poultry sharing considerable proportion to national livestock wealth. The cattle population in Tamil Nadu rose to 95.19 lakh from 88.14 lakh between 19th and 20th Livestock census periods. The population of goats increased to 98.89 lakh from 81.43 lakh during this period. However, the population of sheep declined by 6.36 per cent to 45 lakh from 48 lakh. The population of cattle and goats increased by 74 per cent and 17.65 per cent respectively, over a period of 10 years. The State government attributed this increase to a programme begun in 2011, wherein milch cows, goat and sheep were distributed free of cost to rural poor women, who thus became owners of movable assets that could be liquidated in times of need.

## Contribution to the livestock farming community

TANUVAS since it's inception has been contributing to the overall development of the economy in the state by serving rural livestock farmers through it's various arms viz., colleges, farms and Extension centres. Almost all the farmers in the state had been directly or indirectly benefitted from the University. Some of the contributions of the university is listed below.

#### **Technology Developed**

Technology Release Committee chaired by the Vice-Chancellor and Director of Research as Member secretary screen and select technologies for release. So far, six technology release committee meetings have been organized and 54 technologies were approved.

The technologies developed at TANUVAS have been commercialized through National Research and Development Corporation (NRDC), a Government of India enterprise, New Delhi and Translational Research Platform for Veterinary Biologicals of TANUVAS..

TANUVAS has filed 27 patent applications and so far, TANUVAS has obtained patent for the following six products/technologies and copyright for one product.

- 1. A test strip for qualitative detection of antibodies to peste des petits ruminant virus (Patent No. 243290) : **Patent Granted on 04.10.2010**
- 2. Polymerase Chain reaction (PCR) primers for detection of Whitespot syndrome virus (WSSV) in Shrimp (Patent No.275441): **Patent Granted on 02.09.2016**
- 3. "Development of primers for detection of hepatopancreatic parvovirus (HPV) in shrimp by Polymerase chain reaction (PCR)" (Patent No. 300445). **Patent has been granted on 29.08.2018**
- 4. "An Improved Egg Candler" (Patent No. 305814) Patent has been granted on 17.01.2019
- 5. "An Improved Bird cage" (Patent No. 316308) Patent has been granted on 18.07.2019
- 6. "RYZ cream" Patent No.319676 Patent has been granted on 02.09.2019
- 7. Information Retrieval Package Mrs. M. Seetha Lakshmi and Dr. G. Thulasi, Bioinformatics Centre, MVC, Chennai 7: Copyright obtained

#### Patents granted/published in the last five years

Year	Particulars of patents filed	Status
2014-15	Biodiesel production from rendered chicken oil fat	Published
	Pro-biotic formulation for Dog Oral Health (ORO- CUTE)	Published
	Development of anti-microbial paper egg trays using airless spray surface	Published
	coating approach based with antimicrobial hybrid mixture	
	(NANO EGG GUARD)	
2015-16	An improved Electrical stunner for stunning animals before slaughter	Published
2016-17	-	-
2017-18	TANUVAS Grand Supplement	Published
	Multiplex PCR primers for detection of fowl oncogenic viruses	Published
	ABT mini encapsulator	Published
	Genotype specific cell culture vaccine for Newcastle disease	Published
	A novel transport design for animal Ambulance with hydraulic life to	Published
	shift sick recumbent animals	
2018-19	A mechanical width adjustable dual integration arm device for hoisting	Published
	the injured animal	
	A device and method for the soilless cultivation of the fodder	Published
	A Hammer with pre determined tattooing pins for impregnating the	Published
	information of the animal	
	A Chute device for enclosing the injured cattle during diagnosis	Published
	A Portable apparatus for the storage and supply of liquid food to lambs/	Published
	kids of multiple sizes	

Sl. No.	Particulars of Patent granted	Year	Patent No.
1.	Polymerase Chain reaction (PCR) primers for detection of	2016	275441
	Whitespot syndrome virus (WSSV) in Shrimp		
2.	Development of primers for detection of hepatopancreatic	2018	300445
	parvovirus (HPV) in shrimp by Polymerase chain reaction (PCR)		
3.	An Improved Egg Candler	2019	305814
4.	An Improved Bird cage		316308
5.	RYZ cream		319676

# Innovations /technologies developed/other outputs developed /adoption in Research

S. No	Description	Product	Usage / Adaption
1.	Masti - Guard		
	1.Teat Protect		State Veterinarians all over Tamil Nadu, Private Diary Farms, KVK thorughout Tamil Nadu, Individual Farmers
	2.TANUCHEK SCC Kit	TANISH SCUT	State Veterinarians all over Tamil Nadu, Private Diary Farms, KVK thorughout Tamil Nadu, Individual Farmers
2.	TANUVAS Scrub Kit	TANDUS TOTAL SPEU RIT	Department of Clinics, MVC, Private Clinics, Veterinary Surgeons
3.	Nano Heal	Nano Heat	Veterinary Clinics, Individual Pet Owners, KVK thorughout Tamil Nadu,Sripuram Temple Elephant and kancheepuram temple elephant
4.	Nano Dermal Cream	Torvice the second control of the second con	Private Veterinary Clinics, Individual Pet Owners
5.	A1/A2 Detect Kit	The state of the s	Organized Farms, Individual Farmers
6.	Nano Egg Guard	The first state of	Venkateswara Hatchery, Private Poultry farms, Hatsun, IIT Startup company
7.	Nano Egg Guard Coated Tray		Namakkal Veterinary College, Farmers, Private Poultry Farms
8.	TANUVAS Keto Check	The state of the s	State Veterinarians all over Tamil Nadu, Department of Clinics, MVC and private clinicians, etc.,
9.	Progesterone Nanopatch (ProSync – NF)	Description of the control of the co	State Veterinarians all over Tamil Nadu, Private Diary Farms, KVK thorughout Tamil Nadu, Individual Farmers
10.	Prosync - NC	Property of the Control of the Contr	State Veterinarians all over Tamil Nadu, Private Diary Farms, KVK thorughout Tamil Nadu, Individual Farmers

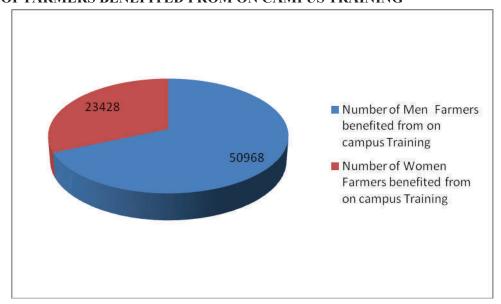
11.	Nano-IVMEC Dog Shampoo	TOTAL STATE OF THE PARTY OF THE	Private Veterinary Clinics, Department of Clinics, MVC, Individual pet owners
12.	Bru Alert Kit	and the state of t	IAVBH Bangalore, Cavin Care, State Veterinarians all over Tamil Nadu,Path Lab, Delhi
13.	Wild TB Alert Kit	Wild TB Aiert Talescales All Supplements The Company of the Compan	National Zoological Park, Bannerghatta bear rescue centre Wildlife SOS, Wild life Sanctuaries all over India

## **Training Programmes Conducted by TANUVAS (On Campus)**

During the period 2014-2019 5135 on campus training programmes were conducted in which 50,968 men and 23428 women were trained on rearing of different livestock enterprises viz., cattle, buffalo, sheep and goat, poultry, value addition etc.,

Year	Total Number	SC		ST		Ot	Others		Total		
	of Training Programmes	Men	Women	Men	Women	Men	Women	Men	Women	Total	
2014-15	673	2612	1767	113	148	10879	4299	13604	6214	19818	
2015-16	839	2143	1893	184	154	11597	5067	13924	7114	21038	
2016-17	1175	2747	2000	132	83	15393	5759	18272	7842	26114	
2017-18	1269	606	282	8	2	4290	1793	4904	2077	6981	
2018-19	1179	28	58	0	0	236	123	264	181	445	
Total	5135	8136	6000	437	387	42395	17041	50968	23428	74396	

#### NUMBER OF FARMERS BENEFITED FROM ON CAMPUS TRAINING

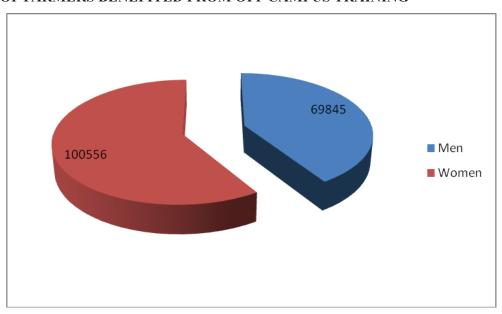


		SC		ST		Others		Total		
Year	Total Number of Training Programmes	Men	Women	Men	Women	Men	Women	Men	Women	Total
2014-15	630	2135	4155	359	757	7180	9680	9674	14592	24266
2015-16	791	1928	6280	218	637	19543	15096	21689	22013	43702
2016-17	932	2896	5158	257	553	10757	13736	13910	19447	33357
2017-18	1460	2407	4625	981	954	8566	11474	11954	17053	29007
2018-19	845	2470	9214	424	1592	9724	16645	12618	27451	40069
Total	4658	11836	29432	2239	4493	55770	66631	69845	100556	170401

## **Training Programmes Conducted by TANUVAS (On Campus)**

In between 2014-2019, 4658 off campus training programmes were conducted in which 69,845 men and 1,00,556 women were trained on rearing of different livestock enterprises viz., cattle, buffalo, sheep and goat, poultry, value addition etc.,

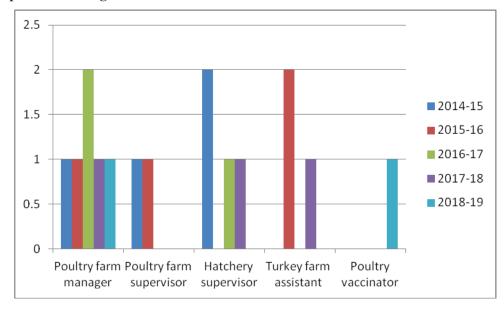
#### NUMBER OF FARMERS BENEFITED FROM OFF CAMPUS TRAINING



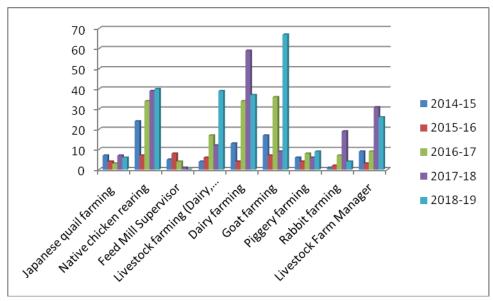
Skill development programmes/courses conducted in the last five years

Year	Name of the programme/courses	Beneficiaries (Type & Number)
2014-15		
2Skill development courses	Poultry farm manager	1
	Poultry farm supervisor	2
	Hatchery supervisor	2
Self – Employment courses	Japanese quail farming	7
	Native chicken rearing	24
Self – Employment courses	Feed Mill Supervisor	5
Self – Employment courses	Livestock farming (Dairy, Sheep &	4
	Goat, Rabbit, Pig)	
Self – Employment courses	Dairy farming	13
Self – Employment courses	Goat farming	17
Self – Employment courses	Piggery farming	6
Self – Employment courses	Rabbit farming	1

#### Skill Development Training Conducted with number of Beneficiaries



## Self Employment Courses conducted along with number of Beneficiaries



## Exhibitions conducted in the last five years

Year	No. of exhibitions conducted	No. of participants
2014-15	185	162321
2015-16	6235	234169
2016-17	433	51,522
2017-18	264	11640
2018-19	298	49054

## Mass Contact Programmes (MCP) conducted in the last five years

Year	No. of MCPs conducted	Total No. of animals and birds treated
2014-15	176	91713
2015-16	795	59284
2016-17	75	36583
2017-18	89	28522
2018-19	60	21010

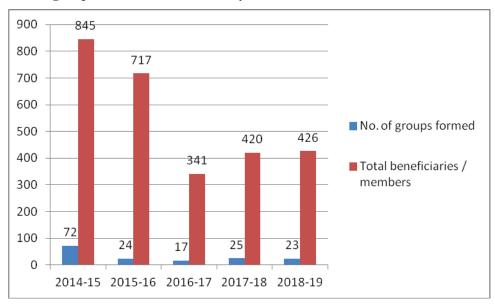
## Farm advisory services rendered in the last five years

Year	In	By	Tele	E-mail	By field	Touch	Mobile
	person	post	phone		visit	Screen	
2014-15	21190	274	19566	358	9042	5055	11136
2015-16	20341	1151	17621	564	4664	5769	18483
2016-17	22739	273	22533	648	5466	7910	161781
2017-18	23727	1290	39472	1156	4398	11782	86352
2018-19	17868	123	14583	524	6245	15742	74123

## Farmer interaction groups formed in the last five years

Year	No. of groups formed	<b>Total beneficiaries / members</b>
2014-15	72	845
2015-16	24	717
2016-17	17	341
2017-18	25	420
2018-19	23	426

## Farmer interaction groups formed in the last five years

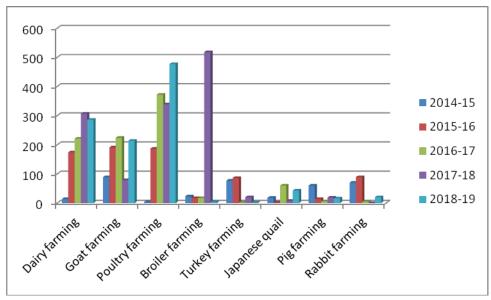


## Entrepreneurship developed (Farms established by stakeholders) in the last five years

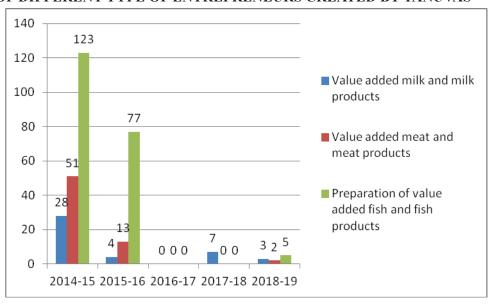
S. No.	Title of the programme		No. of entrepreneurs developed					
		2014-15	2015-16	2016-17	2017-18	2018-19		
1	Dairy farming	14	174	221	307	286		
2	Goat farming	89	191	224	79	214		
3	Poultry farming	4	187	372	339	477		
4	Broiler farming	23	17	17	518	4		
5	Turkey farming	77	86	2	20	2		
6	Japanese quail	18	2	60	8	43		
7	Pig farming	60	14	6	19	16		
8	Rabbit farming	70	89	5	0	20		
9	Value added milk and milk products	28	4	0	7	3		
10	Value added meat and meat products	51	13	0	0	2		
11	Preparation of value added fish and fish products	123	77	0	0	5		

12	Home science	5	18	0	9	38
13	Horticulture	0	50	0	16	50
14	Agronomy	0	40	0	0	117
15	Integrated farming	2	28	2	2	52
16	Agricultural engineering	61	51	0	14	0
17	Fodder production	0	123	15	0	71
18	Livestock rearing	28	5	0	11	24
19	Calf rearing	0	0	0	0	2
20	Livestock disease		0	0	0	0
	management					
21	Management of repeat		2	2	0	0
	breeding in cattle					
22	Artificial insemination		61	5	0	38
23	Aquaculture		0	0	4	11
24	Azolla cultivation		0	0	0	146
25	Ethno veterinary				0	
	practices					
26	Hydroponics					28

#### NUMBER OF DIFFERENT TYPE OF ENTREPRENEURS CREATED BY TANUVAS



## NUMBER OF DIFFERENT TYPE OF ENTREPRENEURS CREATED BY TANUVAS



#### Livestock production Scenario in Tamil Nadu

Tamil Nadu ranks 10th in milk production in 2018-19 with 8.36 million tonnes with the share of 4.5 per cent and the per capita availability of 322 grams per day and the milk production has increased by 8.0 per cent over the previous year (www.dahd.nic.in). Tamil Nadu ranks second in egg production with a share of 18.2 per cent in the total egg production of the country. During 2018-19, Tamil Nadu produced 18.84 billion eggs with per capita availability of 265 eggs per annum. Tamil Nadu produced 0.63 million tonnes of meat in 2018-19 with the share of 7.8 per cent in total meat production and ranks sixth in the nation. The wool production in India was 40.42 million kg in 2018-19. Tamil Nadu produced 2000 kg wool sharing meagre per cent to national wool production.

Agriculture accounts for 5.56% of GDP (2016-17 at current prices) in Tamil Nadu, while the contribution of livestock sector to the GDP is 5.29%. During 2011-12 the gross value added estimate (at current prices) of livestock which was Rs.26,179.44 crore in the state increased to Rs.78,744.09 crore during 2018-19. The State's livestock contributes 45.62% to the value of State's agricultural output, while the All India average is only 28.83%. In the State, the contribution of livestock to the total GDP has increased from 2.88% in 2007-08 to 5.47% in 2016-17 and its contribution to the agricultural GDP has risen from 25.70% to 45.62% during the same period.

Particulars	2014-15	2015-16	2016-17	2017-18	2018-19	Annual Compound Growth rate (2014-15-2018-19)
Milk Production (000 tonnes)	7132.47	7243.56	7556.35	7741.83	8361.56	4.09
Per capita availablity: grms/day/Person	259	258	266	268	285	
Egg Production (Lakh Numbers)	159253.16	161251.99	166823.99	174161.11	188422.24	5.42
Egg-per capita No./year/Person	211	210	214	220	234	
Meat Production (000 tonnes)	491.93	544.47	572.84	603.35	633.80	16.41
Meat per capita/ day grams/Person	18	19	20	21	22	

The milk production in Tamil Nadu had increased from 7.13 million tones in 2014-15 to 8.36 million tonnes in 2018-19 and the per capita availability of milk during the same period had increased from 259 grams to 285 grams/person/day. The egg production in Tamil Nadu had increased from 15.92 billion numbers tonnes in 2014-15 to 18.84 billion numbers in 2018-19 and the per capita availability of egg during the same period had increased from 211 to 234 eggs/person/day. During the same period, the meat production in Tamil Nadu had increased from 491.93 thousand tonnes in 2014-15 to 633.80 thousand tonnes in 2018-19 and the per capita availability of meat during the same period had increased from 18 grams to 22 grams/person/day.

# 6.6.9.5. International Collaboration/MOUs in Academic/Research/Extension/ Sports/ Games/ Cultural Events

#### Memorandum of Understanding / Memorandum of Agreement

TANUVAS maintains close liaison with various National and International organizations to exchange information about current and advanced knowledge in veterinary, animal and fisheries sciences for dissemination. In this context, several Memorandum of Understanding / Memorandum of Agreement have been signed with many National and International organizations. To cite a few:

- 1. Chittagong Veterinary and Animal Sciences University, Bangladesh
- 2. Washington State University, Washington, USA
- 3. Oklahoma State University, Stillwater, USA
- 4. BAIF Development Research Foundiation, Pune
- 5. Agricultural Skill council of India, Haryana
- 6. Tamil Nadu Agricultural University, Coimbatore

Year	International Agencies	Universities	Institutes
2014-15		University of Nattingham	
2015-16			Central Council for Research in Siddha, Govt. of India
2016-17		Chittagong Veterinary and Animal Sciences University, Chittagong, Bangladesh Washington State University, Washington, USA Oklahoma State University, Stillwater, USA	
2017-18			Central Institute of Brackishwater Aquaculture (CIBA), Chennai Remount Veterinary Services, New Delhi National Institute for Animal Nutrition and Physiology (NIANP), Bengaluru Agriculture Skill Council of India (ASCI), Haryana Indira Gandhi National Open University (IGNOU), Chennai
		TANUVAS has entered into MoU with Pennsylvania State University, USA for implementation of research project on "Accelerating bovine tuberculosis control in developing countries - India (Ab <sup>TB</sup> CD)"	<i>y</i> ( )
2018-19			Sri Ramachandra Institute of Higher Education and Research (SRIHER), Chennai GVK Emergency and Research Institute (GVK-EMRI), Secunderabad KJ Hospital, Chennai Government Stanley Hospital, Chennai BAIF – Development and Research Foundation, Pune

# Details of Various Sponsors for other Ongoing Research Schemes in the last five years

Year	Funding Agency	No. of schemes	Total outlay	Status (Completed/
			(Rs.in lacs)	under progress)
2014-15	ICAR	3	407.40	
	DBT	9	539.96	
	DST	3	92.52	
	ICMR	1	17.85	
	DAHD&F, New Delhi	5	236.30	
	NBAGR	1	58.50	
	TN Govt. Agencies	7	31.10	
	Govt. of Tamil Nadu	2	879.86	
	NADP	4	504.35	
	PVT	12	42.82	
	International Agencies	1	4.91	
2015-16	ICAR	4	74.08	
	DBT	6	236.60	
	DST	3	46.75	
	Ministry of AYUSH	2	91.62	

	NABARD	2	5.69	
	TN Agencies	8	199.67	
	NPBB	3	620.30	
	NBA	1	5.25	
	NADP	1	633.96	
	World Animal	1	2.07	
	Protection	1	2.07	
	Pvt. Agencies	2	10.06	
2016-17	ICAR	4	126.64	
2010 17	DBT	4	152.01	
	DST	4	373.71	
	AYUSH	1	65.29	
	ICMR	1	7.23	
	NABARD	4	23.73	
	AICTE		3.91	
		1	1	
	Dte. of Oil seeds	1	150.00	
	NADP	3	314.95	
	TN Agencies	2	22.84	
	Private Agencies	6	20.30	
2017-18	ICAR	1	116.04	
	DBT	15	1834.26	
	NADP	3	500.00	
	National Livestock	1	200.00	
	Mission			
	NBB	2	53.49	
	TN Agencies	5	748.36	
	NABARD	3	1986.5	
	International Agencies	4	238.65	
	Private Agencies	3	11.73	
2018-19	ICAR	3	3021.48	
	DBT	11	1144.05	
	DST	5	86.95	
	Ministry of AYUSH	1	9.65	
	National Egg	1	5.00	
	Coordination			
	Committee			
	TN Agencies	5	465.17	
	NADP	2	301.10	
	Govt. of TN	4	3580.48	
	NMBP	1	251.00	
	Private Agencies	4	34.92	
	International Agencies	1	3.94	

# Details of Inter institutional collaborative projects in the last five years

Year	Collaborating Institute	Purpose	Total outlay (Rs.in lacs)	Status (Completed/under progress)
2014-15	CPF (INDIA) PVT. LTD. Bangalore	СРРМ	(res.m raes)	under progress)
2015-16	-			
2016-17	NIANP, Bengaluru	Selective isolation of sex specific spermatozoa in Bovine using novel biomarkers identified through an integrated proteomic and genomic approach	45.79	In progress

2017-18	Anna University	Development of indigenous cartridges for hemodialysis	9.18	In progress
	ICAR-IARI, New Delhi and ICAR-IVRI, Izatnagar	National knowledge management centre for Agricultural Education and Research	66.92	In progress
	Captain Srinivasa murti Regional Ayurveda Drug Development Institute, Chennai	In-vitro and invivo nephroprotective evaluation of AYUSH-K1 extract	9.65	In progress
	AAU, Guwahati	Genetic characterization of antibiotic resistance in Clostridium perfringens and Clostridium difficile and their public health significance	35.93	In progress
	IIS, Bengaluru and NDRI, Karnal	Genomic and proteomics approaches to develop specific diagnostic assay for detection of estrus/silent estrus in buffaloes	99.77	In progress
	AAU, Guwahati	Development of DIVA diagnostics and marker vaccine against Duck Plague virus	24.87	In progress
	College of Veterinary Science, Khanapara, Guwahati and West Bengal University of Animal and Fishery Sciences, Kolkata	An integrated approach to explore and exploit the innate and adaptive immune response in indigenous duck breeds of North eastern and South India	20.47	In progress
	Anna University	Developing portable instrumentation for the existing technologies available at TANUVAS for detection of post-partum disease conditions in Bovines	38.10	In progress
2018-19	TNAU, Coimbatore	Establishment of Biotech kisan hub	22.40	In progress

# Details of Industry Institutional Linkages in the last five years

Year	Collaborating	Purpose	Total outlay	Status (Completed/
	Industry		(Rs. in lacs)	under progress)
2014-15	M/s. VWF Industries	Influence of structured water on	2.20	Completed
	Pvt. Ltd., Mysore	the performance of broilers		
	M/s. Boehringer	Isolation and molecular	3.64	Completed
	Ingelheim Pvt. Ltd,	characterization of Avibacterium		
	Mumbai	paragallinarum in Poultry		
	M/s. Boehringer	Isolation and pathological	3.00	Completed
	Ingelheim Pvt. Ltd,	characterization of		
	Mumbai	Gallibacterium anatis in Poultry		
	M/s. Mahindra	Empowerment of recovered	2.93	Completed
	Consulting Engineers	persons of mental illness through		
	Ltd.,	dairy farming activity in Madurai		
		District		
	M/s. Indian	Efficacy and safety study of	8.69	Completed
	Immunologicals Ltd.,	recombinant porcine cysticercosis		
	Hyderabad	vaccine (TSOL 18 Vaccine) in		
		Pigs		
2015-16	-			

2016-17	M/s. Saraswathy	Study on growth performance	1.00	Completed
	Foundations	of desi chicken fed with non		
		conventional feed stuffs-Oats		
		waste and Moong Dal		
	Sihil Pharma, Chennai	Prevalence of Bovine	7.43	Completed
		trichomoniosis in India using		
		Inpouch TF Media		
2017-18	-			
2018-19	-			

## Details of Overseas Linkages in the last five years

Year	Name of the overseas linkage	Purpose	Total outlay	Status (Completed/under
			(Rs.in lacs)	progress)
2014-15	Seppic, France	Research	4.91	Completed
2015-16	-	-	-	-
2016-17	-	-	-	-
2017-18	BBSRC, UK	Research	28.00	On-going
	Queens University, Belfast	Research	3.60	On-going
	Bill and Melinda Gates Foundation,	Research	190.43	On-going
	USA			
	Nutreco, The Netherlands	Research	16.62	On-going
2018-19	Seppic France	Research	3.94	On-going

# 6.6.9.6 Fund Raising Through CSR

Year	Name of the programme/ Research	Type of stakeholder (Farmer/VAS/ Academicians/Students)	Name of the Sponsor - Industries/Companies/ Farms	Amount Received
2014-15				
2015-16	Skill Training in Non- Farming Based Activities in Livestock and Poultry Industries	Farmers	Tamil Nadu Skill Development Corporation, Government of Tamil Nadu	86,95,000/-
2016-17	i-STED training (3 five days training)	Farmer/ Industrialists	NSTEDB	Free Training
2016-17	Food and Dairy consultancy service cell	Food Industry	Institute	Rs. 2560
2017-18	i-STED training (10 three days training)	Farmer/ Industrialists	NSTEDB	Free Training
2017-18	Food and Dairy consultancy service cell	Food Industry	Institute	Rs. 7668
2018-19	-STED training (5 three days training)	Farmer/ Industrialists	NSTEDB	Free Training
2018-19	Food and Dairy consultancy service cell	Food Industry	Institute	Rs.10,220
2016-17	Experiential Learning – Fruit and vegetable plant	Students	ICAR	Rs.3020 (profit)
2017-18	Experiential Learning  – Fruit and vegetable  77plant	Students	ICAR – EL fund	Rs. 38,681 (Profit)
2018-19	Food and Dairy consultancy service cell	Food Industry	Institute	Rs. 2100 (Fees for consultation and training)
2018-19	Co - Coordinator in Faculty Development Programme scheme on "Technology Dissemination on the design and Development of functional food products"	Faculty	Funded by AICTE, GoI, New Delhi	4.15 Lakhs

# Fund Raising Through CSR for on farm Research

Year	Name of the Company	Name of the project Number of Projects	Amount Received
2014-15	Effect of herbal amino acid (Methiorep) supplementation on the productive performance of hybrid layer chicken	Ayurvet Ltd, Katha Village, Himachal Pradesh	6.47
	Comparative efficacy evaluation of Herbal liver tonic (Superliv.conc.premix) on growth performance, nutrient utilization & carcass traits in broilers	Ayurvet Ltd, Katha Village, Himachal Pradesh	2.06
	Influence of structured water on the performance of broilers	M/s. VWF Industries Pvt. Ltd., Mysore	2.20
	Performance of commercial broilers treated with herbal probiotics as a spray and or as a feed supplement	M/s. Zero Waste Agro Organics Ltd., Pune	5.83
	Evaluation of efficacy of Fipronil (S) and Methoprene Spot on formulation against ticks and fleas in naturally infested Dogs	M/s. SAVAVET, Sava Health Care Limited, Pune	0.94
	Studies on supplementation of protease, multienzymes and lysophospholipids on growth performance of broilers	M/s. Kemin Industries South Asia Pvt. Ltd., Chennai	5.02
	Isolation and molecular characterization of Avibacterium paragallinarum in Poultry	M/s. Boehringer Ingelheim Pvt. Ltd, Mumbai	3.64
	Isolation and pathological characterization of Gallibacterium anatis in Poultry	M/s. Boehringer Ingelheim Pvt. Ltd, Mumbai	3.00
	Comparative efficacy study of Geriforte Vet powder and Geriforte Vet liquid with Levamisol in commercial broilers	M/s. Himalaya Drug Compnay, Mekali, Bangalore	1.39
	Empowerment of recovered persons of mental illness through dairy farming activity in Madurai District	M/s. Mahindra Consulting Engineers Ltd.,	2.93
	Efficacy and safety study of recombinant porcine cysticercosis vaccine (TSOL 18 Vaccine) in Pigs	M/s. Indian Immunologicals Ltd., Hyderabad	8.69
	Clinical trial on their efficacy of Thrombup (containing extracts of <i>Carica papaya</i> leaf and <i>Tinospora cordifolia</i> ) in dogs with thrombocytopenia	M/s. Phyto Specialities Pvt. Ltd	0.65
	Studies on the safety and efficacy of poultry vaccines (combined vaccines against Newcastle Disease and Avian infectious bronchitis)	SEPPIC, France	4.91
2015-16	Enumeration of Vembur sheep in its breeding tract	SEVA, Madurai	0.40
	Early nutrition (Chikimune) and natural growth promoter on the performance and immunity in commercial broiler chicken	Ayurvet Ltd, Katha Village, Himachal Pradesh	1.37
	Efficacy and safety study of recombinant porcine cysticercosis vaccine (TSOL 18 Vaccine) in Pigs	M/s. Indian Immunologicals Ltd., Hyderabad	8.69
2016-17	Efficacy evaluation of nutritional supplements to dairy herd in relevance to milk production	M/s. Ayurvet India Ltd.	0.85
	Efficacy of commercial products in optimizing milk production in crossbred dairy cows during summer stress	M/s. Ayurvet India Ltd.	0.67
	Study on growth performance of desi chicken fed with non conventional feed stuffs-Oats waste and Moong Dal	M/s. Saraswathy Foundations	1.00

	Validation studies on the efficacy of KemTRACE®	Kemin Industries South Asia	4.00
	Broiler and different organic trace minerals on the	Pvt. Ltd.	
	performance of commercial broilers		
	Prevalence of Bovine trichomoniosis in India using	M/s. Sihil Pharma	7.43
	Inpouch TF Media		
	Evaluation of VARAM (a growth promoter) on the production performance of broiler chicken	M/s. Hatsun Agro Product Ltd.	6.35
2017-18	Effect of supplementing IntelliBond trace minerals	Nutreco, The Netherlands	16.62
2017-10	(Cu, Zn & Mn) on egg quality and performance of	rvaticeo, The rvetherlands	10.02
	layers		
	Validation studies on the efficacy of JubiDOL on	Jubilent Life Sciences Ltd.,	3.63
	the metabolic energy sparing effect with different	Noida	5.05
	commercial oils and fats added to the broiler feed	Tiolda	
	and production performance of commercial broilers		
	Efficacy evaluation of supplementation of antibiotic	Jubilent Life Sciences Ltd.,	4.05
	growth promoter replacer on improving nutrient	Noida	7.05
	utilization, production and health performance in	110144	
	broilers		
	Efficacy of natural coccidiostat feed additive in	AVT Natural Products Ltd.,	4.05
	commercial broilers	Kerala	1.02
2018-19	In vitro and in vivo nephroprotective evaluation of	Ministry of AYUSH,	9.65
2010 17	AYUSH-K1 extract	Govt. of India,	7.00
	The series of th	New Delhi	
	Nutritional supplemental strategy	TNIAM Project, Chepauk	200.00
	Facts and benefits of consuming egg and chicken	National Egg Coordination	5.00
	meat – enlightening the medical professionals of	Committee	
	Tamil Nadu		
	Study of magnetic treatment on inland saline water	District Rural Development	6.42
	and its suitability on cultivation of paddy, cotton,	Agency, Sivagangai	
	chilli and fodder crops in Sivagangai District		
	Assessment of suitable integrated farming system	District Rural Development	18.75
	models for rain fed situation	Agency, Sivagangai	
	Impact of feeding unconventional feeds to	Agricultural Technology	5.00
	dairy cattle on the productive and reproductive	Management Agency, Vellore	
	performance in Vellore district of Tamil Nadu		
	Large scale controlled field trial with combined	Seppic, France	3.94
	inactivated vaccine against Newcastle disease and		
	Avian infectious bronchitis		
	Exploring the possibility of incorporation of AFTD	EID Parry (India) Ltd.,	3.68
	salt in mineralized salt lick for ruminants and its	Chennai	
	validation		
	Validating the effect of feeding ADDON®-Rumen	VIRBAC Animal Health India	9.11
	support on lactation yield and health parameters in	Pvt. Ltd., Mumbai	
	lactating animals during summer season		
	Validating the combined effect of rumen protected	Jubilant Life Sciences Ltd.,	12.89
	methonine and rumen protected lysine on	Noida	
	performance of dairy cattle during lactation		
	Validating the efficacy of Nano Silver (Ag NP-124)	Dhanvantari Nano Ayushadi	9.24
	as an egg shell sanitizer on the keeping quality of	Pvt. Ltd., Chennai	
	table eggs and hatchability performance of fertile		
	eggs		

## 6.6.9.7. Alumni Support

	Particulars	Nos. / Budget
*	TANUVAS Alumni Meet is conducted regularly at Madras Veterinary College	Four times
<b>*</b>	Life Time Achievement Awards were given for the achievements made by eminent TANUVAS Alumni	9 nos.
*	The senior Alumni above the age of 75 years were honored in the Alumni Meet	104 nos.
*	Alumni Batch get together of several batches are being organized regularly in Madras Veterinary College	-
*	Vetri 68 – An Alumni trust 1968 completed batch of TANUVAS from Madras Veterinary College support education of Undergraduate Students every year	-
*	Hurricane Vets Charitable Trust of 1988-89 batch Veterinarians of Madras Veterinary College support faculty and Students.	-
*	A separate room is allotted in Madras Veterinary College for the TANUVAS Alumni Association for meeting of the Alumni members	-
*	Construction of TANUVAS Alumni House is under process	Approx. cost Rs.1.2 crores

#### 6.6.10. Certificate

I, Dr. P. Tensingh Gnanaraj Registrar of Tamil Nadu Veterinary and Animal Sciences University, Chennai 600 051 hereby certifiy that the information contained in the sections 6.4, 6.5 and 6.6.1 to 6.6.9.7 are furnished as per the records available in the University.



Signature of the Registrar with date and seal

Registrar
TAMIL NADU VETERINARY AND ANIMAL SCIENCES UNIVERSITY
MADHAVARAM MILK COLONY, CHENNAI-600 051