



ICAR ACCREDITATION 2020

6.5. SELF STUDY REPORT

on

MADRAS VETERINARY COLLEGE CHENNAI



TAMIL NADU VETERINARY AND ANIMAL SCIENCES UNIVERSITY
CHENNAI – 600 051

The background of the image is a white canvas with several abstract, overlapping geometric shapes in various shades of grey. These shapes include elongated rounded rectangles, thin diagonal lines, and semi-circular arcs, creating a modern, minimalist aesthetic.

Madras Veterinary College Chennai

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6.5.1. College Administration

6.5.1.1. College Dean's Office Establishment: Whether Dean's post has been sanctioned by the appropriate authority as per ICAR Model Act/UGC guidelines? Date of selection of present Dean, mode of selection, tenure etc. shall be mentioned. Clearly mention the staff and infrastructure/ facilities available in the Dean's Secretariat.

The college has separate Dean post created as per the university norms and the tenure of the post is three years. The mode of selection is open and as per the university guidelines. The details are furnished below

S. No.	Name of the position (sanctioned)	Name of the officer (at present)	Date of appointment	Tenure	Appointed/ Nominated
1.	Dean	Dr. J. John Kirubaharan	27.08.2018	Permanent (3 years) 13.05.2020	Appointed
2.	Dean	Dr. K. N. Selvakumar	14.05.2020	Permanent (3 years) 26.08.2021	Appointed

Staff and infrastructure facilities available in the Dean's Secretariat

S.No.	Post	Staff	Space (in sq. m)
1.	Dean chamber	1	63.172
2.	Administrative Officer	1	13.935
3.	Accounts Officer	1	19.509
4.	Establishment section	26	88.255
5.	Accounts section		113.338
6.	Education cell	9	187.1006
7.	Conference room (Swarajya hall)	-	143.995
8.	Engineering section	17	66.702
9.	MVC library	12	950.00

- ❖ Dean's chamber is equipped with CCTV surveillance control to monitor the overall campus activities.
- ❖ Video conference facility to attend and also to conduct the official meetings from the remote or from the headquarters.
- ❖ Bio metric attendance control to monitor the daily attendance of all the employees of the college.
 - ❖ Advanced information technology available
 - ❖ Year-wise student information/details display.

6.5.1.2. Monitoring Mechanism for Quality Education (on-line): Whether the College is having an internal quality assurance system, with appropriate structure and processes, and with enough flexibility to meet the diverse needs of the stakeholders which is required for planning, guiding.

Institution	Frequency of Collection per semester	Mode of evaluation	Action Taken	Result	Evaluation Before Submission	Per semester	During Submission	Action taken after evaluation	Result
MVC – Chennai	1	Questionnaire	The feedback received from the student are intimated confidentially to the faculty members who handled the courses	Necessary steps are taken by the faculty members about the feedback mentioned in the questionnaire	The students projects are evaluated by the Dean, advisory committee, the faculty members pertaining to that research project and suggestions and inputs are given about the research project	The student advisory committee monitors the approved research project and provides necessary inputs and suggestions to carryout the research work as per the proposal	The advisory committee evaluates the research work with the inclusion of suggestions and inputs given before submission	The advisory committee verifies the research project to carryout all the suggestions given during final evaluation	The final thesis is submitted after carrying out the suggestions and inputs given by the advisory committee

6.5.1.3. CC/Board of Studies: Whether the CC in the Department level and Board of Studies at the College is in place? The composition of the BoS and date of conduct of meetings for last five years and major recommendations made by the BoS should be given in tabular form.

Chairman: Dr. T. Sivakumar

Tenure : From Date: 27/08/2018

To date: 26/08/2021 Members

Members	Tenure From	Tenure To
Prof. (Dr) Kapa Sarjan Rao	27/08/2018	24/03/2020
Prof. D. Antoine	27/08/2018	24/03/2020
Dr. M. Kathirchelvan	27/08/2018	24/03/2020
Dr. S. Suresh Kumar	27/08/2018	24/03/2020
Dr. V. Ramakrishnan	27/08/2018	24/03/2020
Dr. T. Geetha	27/08/2020	24/03/2020
Dr. P. Pothiappan	27/08/2018	24/03/2020
Dr. S. Rangasamy	27/08/2020	24/03/2020

General Functions

1. To propose to the Academic Council, the courses of study for the various programmes of instructions offered in respective faculty of the University.
2. To propose to the Academic Council, the curricula of the University and advise the Council in regard to all questions referred to it regarding the syllabi for various under graduate and post graduate programmes and all other functions referred to it by the Academic Council.
3. To recommend to Academic Council the establishment of new Department, abolition / sub-division /or otherwise reconstitution of existing department or departments.
4. The Board of Studies shall exercise such other powers and perform such other duties as directed by the Academic Council.

Meeting Details

Year	Date	Major Recommendations
2016-17	02/01/2017	1. The Board approved the proposal for revision of the Syllabus, Curricula and Regulations for the undergraduate programme - B.V.Sc. & A.H.
		2. Offering of M.V.Sc. and Ph.D. courses in all disciplines to the candidates on deputation from the Directorate of Animal Husbandry and Veterinary Services in the colleges which have been recognized to offer postgraduate courses
		3. Starting of M.V.Sc. in Veterinary Anaesthesia and Pain Management in the Department of Veterinary Surgery and Radiology.
2018-19	20/06/2018	1. The board approved the proposal for starting of postgraduate degree programme (M.V.Sc.) at Veterinary College and Research Institute, Orathanadu and Tirunelveli
		2. Extension of Internship allowance for a period of one year as per MSVE 2016
2019-Upto 30.11.2019	26/04/2019	1. The Board approved the admission to M.V.Sc. in Dairy Microbiology degree programme in the Department of Livestock Products Technology (Dairy Science) from the Academic year 2019-20
		2. Changes in the postgraduate question pattern as 20:80 (Objective : Subjective)
		3. The Board approved to enhance the TANUVAS Merit Scholarship amount to Rs. 12000/- per month for M.V.Sc. and Rs. 15000/- per month for Ph.D. students

6.5.1.4. Anti-Ragging Cell: In pursuance to the Judgment of the Hon'ble Supreme Court of India dated 08.05.2009 in Civil Appeal No. 887/2009, the University Grants Commission has framed "UGC Regulations on curbing the menace of ragging in higher educational institutions, 2009" which have been notified on 4th July, 2009 in the Gazette of India. Does the College follow this regulation and subsequent guidelines issued in the matter in letter and spirit? Give details.

The college has a functional anti-ragging committee under the chairmanship of the Dean. Teaching staff are allotted rotational duty to monitor the hostel and college campus for prevention of ragging activity. Mobile numbers of the members are prominently displayed in the college and hostel campus

Chairman: Dr. J. John Kirubakaran

Tenure: From Date: 27/08/2018 To Date: 13/05/2020

Chairman: Dr. K. N. Selvakumar

Tenure: From Date: 14/05/2020 To Date: 26/08/2021 Members

Members	Tenure from	Tenure to
Dr. N. Subbaiyan, IAS	21/06/2019	20/06/2020
Mrs. K. Maheswari	21/06/2019	20/06/2020
Mrs. Tharani	21/06/2019	20/06/2020
Mr. Natana Sabapathi	21/06/2019	20/06/2020
Mrs. R. Sujatha	21/06/2019	20/06/2020
Dr. P. Sriram	21/06/2019	20/06/2020
Dr. S. Gomathinayagam	21/06/2019	20/06/2020
Dr. N. Kumaravelu	21/06/2019	20/06/2020
Dr. K. Suresh Kumar	21/06/2019	20/06/2020
Dr. B. Dhivya	21/06/2019	20/06/2020
Dr. Manorama Dinakaran	21/06/2019	20/06/2020
Mr. K. Mani	21/06/2019	20/06/2020
Mr. R. Shanmugam	21/06/2019	20/06/2020
Mr. S. ALimudeen	21/06/2019	20/06/2020
Ms. Vaishnave Ravindran	21/06/2019	20/06/2020
Mr. K. Naveen Kumar	21/06/2019	20/06/2020
Ms. P. Sindhu	21/06/2019	20/06/2020
Mr. M. Bharath	21/06/2019	20/06/2020
Ms. R. Sneka	21/06/2019	20/06/2020
Mr. E. Tamilselvan	21/06/2019	20/06/2020
Ms. S. Jeevanandhi	21/06/2019	20/06/2020
Mr. Thockchom Shitarjot Singh	21/06/2019	20/06/2020
Mr. Vikas Sharma	21/06/2019	20/06/2020
Ms. Vanshita	21/06/2019	20/06/2020
Mrs. D. Anbarasi	21/06/2019	20/06/2020
Mrs. R. Kalaichelvi	21/06/2019	20/06/2020

General Functions

- ❖ Orientation programme for first year students with parents
- ❖ Formation of anti-ragging vigilance turn duty by the faculty members
- ❖ Formation of student counsellors for boys and girls separately
- ❖ Sensitization of senior students about the consequences of ragging in the college and hostel campus

Anti-ragging activities initiated

- ❖ Installation of CCTV camera at strategic points of college, hostel and mess
- ❖ Photos of senior students with name and ID number displayed in the college
- ❖ Anti-ragging charts / boards / poster displayed in the college and hostel premise
- ❖ Transparent complaint boxes placed in the college, class room and hostel
- ❖ Telephone numbers of anti-ragging squad displayed in in the college, class room and hostel
- ❖ Calling bell fixed in both boys and girls hostel
- ❖ Security is made available round the clock in the hostel premises
- ❖ A vehicle is kept ready for any emergencies during night hours

Channel of filing complaints

- ❖ Transparent complaint boxes placed in the college, class room and hostel
- ❖ Toll free telephone number and email ID provided by the UGC are displayed in strategic points of the college and hostel

Action Taken so far on compliments (last 5 years)

- ❖ No complaints were received

Meeting Details

Year	Date	Major Recommendations
2019-Upto 30.11.2019	21/10/2019	Anti-ragging committee meeting was convened to appraise the arrangements made to prevent ragging in the campus

6.5.1.5. Biological waste disposal facility: Whether wastes (chemical, biological, radioactive, universal, and recyclable) are generated by a variety of research, clinical, service, maintenance, and cleaning operations at the College level? If yes, then mention the disposal mechanism being adopted as per the government guidelines.

Bio-medical waste disposal is carried out by Tamil Nadu Waste Management Ltd (agreement valid till 31/03/2020), with proper approval from the Tamil Nadu Pollution Control Board

Kinds of waste generated (chemical, biological, radioactive, universal, and recyclable)	Quantum tons/month	Segregation procedures	Method of disposal	Budget allocated, if any	Details of contracts with bio-waste disposal vendors with university orders if any
Biological	2	Standard methods	High temperature incineration	15	Annually renewable agreement with the government approved company - Tamil Nadu waste management ltd. (Lr. No. 12032/f.iv.1/2019, dt. 24.09.2019 of the Finance Officer, TANUVAS, Chennai- 51)

Carcasses Medical waste Paper	35	1. paper waste in bins 2. Carcasses in cold storage 3. Sharps in plastic containers	High temperature incineration	35	With waste disposal severs USO NO 12345/ A1/2019 dated 23/04 17
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6.5.1.6. Institutional Ethics Committee for Experiment on Animals: Whether the institute/College is following CPCSEA guidelines and constituted an Institutional Animal Ethics Committee (IAEC), get their animals house facilities inspected and get their project cleared by CPCSEA and IAEC before commencing them? The College should make statement that it is adhering all guidelines in the matter.

An IAEC approved by the CPCSEA (No. 190/CPCSEA) is functional with approved CPCSEA and link nominees. Meetings are convened once in six months to scrutinize and approve research projects.

Internal IAEC Committee members

S.No	Member	Designation
1	Dr.Ghadevaru Sarathchandra	Scientist from different discipline Chairperson)
2	Dr.S.Ramesh	Scientist from different discipline (NA)
3	Dr.Rajendran	Biological Scientist (NA)
4	Dr.L.Kalaiselvi	Veterinarian (NA)
5	Dr.C.Sreekumar	Scientis incharge of Animal House Facility (Member Secretary)

CPCSEA nominee for IAEC

S.No	Member	Designation
1	Dr.R.Ananda Raja	Main Nominee
2	Dr.U.Mani	Link nominee
3	Dr.Natarajan Saravanan	Scientist from outside of the Institute
4	Dr.C.Vijayalakshmi	Socially aware Nominee

Institutional Bio-safety Committee (IBSC)

Chairman	Dr. Ghadevaru Sarathchandra, Dean, Faculty of Basic Sciences, MVC, Campus, TANUVAS, Chennai-7
DBT Nominee	Dr. K. Karl Marx Dean i/c, Institute of Fisheries Post Graduate Studies, TNJFU, Vaniyanchavadi, OMR, Chennai
Biosafety Officer	Dr.P. Gunasekaran, Director, King Institute of Preventive Medicine & Research, Guindy Chennai- 32
Member Secretary	Dr.K.G, Tirumurugaan, Professor, Dept. of Animal Biotechnology, MVC, TANUVAS, Chennai-7
External Expert	Dr. S. Hemalatha, Professor and Dean, School of Life Sciences, B.S. Abdur Rahman Crescent Institute of Science and Technology, Vandalur, Chennai – 48

Internal Experts	<ul style="list-style-type: none"> • Dr. K. Vijayarani, Professor and Head, Dept. of Animal Biotechnology, MVC, Chennai-7 • Dr.A. Thangavelu, Professor and Head, Dept. of Veterinary Microbiology, MVC, Chennai-7 • Dr. G.V Sudhakar Rao, Professor and Head, Dept. of Veterinary Pathology, MVC, Chennai-7
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6.5.1.7. Committee for Prevention of Sexual Harassment of Women at Work Places: Does the institution is adhering the sexual harassment of women at workplace (Prevention, Prohibition and Redressal Act, 2013) in letter and spirit. Mention the constitution of sexual harassment committees and date of proceedings conducted in last five years in tabular form.

Committee is constituted at the university level for Prevention of Sexual Harassment of Women at Work Places.

Members

S.No	Member	Designation
1	Dr.Geetha Ramesh Professor and Head Department of Veterinary Anatomy MVC, Chennai-7	Chair Person
2	Dr.Baskaran Ravi Latha Professor and Head Department of Veterinary Parasitology MVC, Chennai-7	Member
3	Dr.R.Karunakaran Professor (CA) and Head Department of Animal Nutrition MVC, Chennai-7	Member
4	Dr. S.Meenakshisundaram Professor (CA) and Head Livestock Farm Complex TANUVAS, Chennai-51	Member
5	Dr.Sarah Karunakaran Head PG Department of Development Management 69/31, Fairlands Apt, Mookathal Street Purasaiwakkam, Chennai 7	Member
6	Dr.Mala Shammi Professor (CA) Department of Veterinary Surgery and Radiology MVC, Chennai-7	Member
7	Dr.S.Kavitha Professor (CA) Department of Veterinary Clinical Medicine MVC. Chennai – 7	Member
8	Thiru.K.V.Kasthurirangan Accounts Officer O/o the Finance officer TAUVAS, Chennai -51	Member

6.5.2. Faculty

6.5.2.1. Faculty Strength: Mention the Faculty position (both in sanctioned and in-position) at the College.

Name of the College	Teaching staff			Technical, supporting staff			Administrative staff		
	Sanctioned	Filled	Vacant	Sanctioned	Filled	Vacant	Sanctioned	Filled	Vacant
Madras veterinary College	237	157	80	176	100	76	216	128	88

Department wise faculty details enclosed in **Annexure ii**

6.5.2.2. Faculty Profile (department wise): Mention department wise faculty profile in tabular form and mention whether present profile is sufficient to meet the academic requirement of the College.

S.No	Department	Name of Faculty and Designation	Whether present profile is sufficient to meet academic requirement?
1	Animal Husbandry Economics	1. G.Kathiravan, PhD. - Professor and Head, 2. Dr.A.Serma Saravana Pandian, PhD.MBA., - Asst. Professor 3. Dr.J.Shilpa Shree, MVSc., -Asst.Professor 4. A.Shanmuga Sundaram – Assistant professor (Working at Wildlife Science)	Yes
2	Centralized Clinical laboratory	1. Dr.S.Vairamuthu- Professor and Head 2. Dr.S.Subapriya- Assistant Professor 3. N.R Senthil- Assistant Professor	Yes
3	Animal Husbandry Statistics & Computer Application	1. M Thirunavukkarasu- Professor and Head 2. C.Balan- Assistant Professor	Yes
4	Veterinary Pathology	1. Dr. Ganne Venkata Sudhakar Rao - Professor and Head, 2. Dr. R. Sridhar - Professor, 3. Dr. S. Hemalatha - Professor, 4. Dr. N. Pazhanivel- Professor, 5. Dr. K. Nagarajan- Assistant Professor, 6. Dr. M. Thangapandian- Assistant Professor, 7. Dr. R. Mahaprabhu- Assistant Professor, 8. Dr. V. Kumar- Assistant Professor, 9. Dr. R. Saahithya- Graduate Assistant.	Yes

5	Veterinary Clinical Medicine	1. Dr. S. Kavitha - Professor and Head 2. Dr. P. Selvaraj – Professor 3. Dr. K. Jeyaraja – Professor 4. Dr. M. Chandrasekar- Professor 5. Dr. M. Balagangatharathilagar- Assistant Professor 6. Dr. D. Sumathi-Assistant Professor 7. Dr. M. Ranjith Kumar- Assistant Professor 8. Dr. H. Vijayakumar- Assistant Professor 9. Dr. P. Pothiappan- Assistant Professor	Yes
6	Central Instrumentation Laboratory	1. S Ramesh- Professor and Head	Yes
7	Veterinary Anatomy	1. Geetha Ramesh – Professor and Head 2. S.Ushakumary- Professor 3. T.A.Kannan – Professor 4. O.R.Sathyamoorthy – Professor 5. R.Gnanadevi- Assistant professor	Yes
8	Library Science	1.L.Rajendran - Assistant Librarian	Yes
9	Veterinary Animal Husbandry and Extension Education	1. Dr.P. Kumaravel - Professor and Head 2. Dr. S. Saraswathi- Associate Professor 3. Dr. N. Vimal Rajkumar - Assistant Professor 4. Dr.P. Athilakshmy -Assistant Professor	Yes
10	Veterinary Biochemistry	1. Dr. P.S.L.Sesh -Professor and Head 2. Dr. T. Satheesh Kumar -Assistant Professor 3. Dr. K. Padmanath - Assistant Professor 4. Dr. M. Bhuvana -Assistant Professor	Yes
11	Poultry Science	1. S.T.Selvan -Professor and Head 2. Dr.K.Sangilimadan - Professor 3. Dr.A.Ashok - Professor 4. P. Veeramani - Associate Professor	Yes
12	Veterinary Preventive Medicine	1. B. Nagarajan - Professor and Head 2. Dr. K. Shoba - Professor 3. T. Devi - Assistant Professor 4. H.Prabhavathy - Assistant Professor	Yes
13	Wildlife Science	1. Dr.C.Sreekumar - Professor and Head 2. Dr.M.Palanivelrajan - Assistant Professor 3. Dr.A. Prathipa - Assistant Professor	Yes
14	LPT(Meat Science)	1. Dr.R.Narendra Babu - Professor and Head 2. Dr.A.Vanathi- Assistant Professor 3. Dr.C.Vasanthi- Assistant Professor 4. Dr.R.Ramani- Assistant Professor 5. Dr.S.Ezhilvelan- Assistant Professor	Yes

15	LPT (Dairy Science)	<ol style="list-style-type: none"> 1. Dr. R. Palani Dorai- Professor and Head, 2. Dr. D. Baskaran- Professor 3. Dr. B. Suresh Subramonian-Professor 4. Dr. V. Veerapandian -Professor 5. Dr. T. R. Pugazhenthithi- Professor 	Yes
16	Animal Genetics and Breeding	<ol style="list-style-type: none"> 1. S.M.K.Karthickeyan – Professor and Head 2. R.Thiagarajan - Professor 3. K.Thilak Pon Jawahar - Professor 4. A.Gopinathan – Assistant professor 5. A.Sakthivel Selvan – Assistant Professor 	Yes
17	Animal Nutrition	<ol style="list-style-type: none"> 1. R. Karunakaran – Professor and Head 2. J. Ramesh - Assistant Professor 3. R Balamurugan, Assistant Professor 	Yes
18	Livestock Production and Management	<ol style="list-style-type: none"> 1. Dr.Thanga.Thamilvanan- Professor and Head 2. Dr.N.Kumaravelu -Professor 3. Dr.A.Yasotha- Assistant Professor 4. Dr.S.Usha-Assistant Professor 5. Dr.D.Diviyalakshmi -Assistant Professor 	Yes
19	Veterinary Microbiology	<ol style="list-style-type: none"> 1. A.Thangavelu,\- Professor and Head 2. A.Srithar- Professor 3. B. Samuel Masilamoni Ronald-Professor 4. M.Vidhya- Assistant Professor 5. S. Rajalakshmi@Radabai- Assistant Professor 6. A.Elamurugan- Assistant Professor 7. G. Elaiyaraja-Assistant Professor 	Yes
20	Animal Bio-Technology	<ol style="list-style-type: none"> 1. Dr. M. Parthiban, Ph.D.-Professor and Head 2. Dr. A. Mangalagowri, Ph.D.- (Working at Stem Cell) Professor 3. Dr. K.G. Tirumurugan, Ph.D.-Professor 4. Dr. S. Meignanalakshmi, Ph.D.-Professor 5. Dr. K. Brindha, Ph.D.-Associate Professor 6. Dr. P. Raja, Ph.D.- Assistant Professor 	Yes
21	Veterinary Public Health and Epidemiology	<ol style="list-style-type: none"> 1. Dr.S.Sureshkannan-Professor and Head 2. Dr.M.Asokkumar-Assistant Professor 3. Dr.K.Porteen-Assistant Professor 	Yes
22	Veterinary Parasitology	<ol style="list-style-type: none"> 1. Dr Bhaskaran Ravi Latha- Professor and Head 2. Dr A Sangaran- Professor 3. Dr N Jeyathilakan- Professor Dr S 4. Arunkumar- Professor 5. S.T. Bino Sundar- Assistant Professor 6. Dr B Rubinibala- Assistant Professor 7. Dr K T Kavitha-Assistant Professor 8. Dr R Edith-Assistant Professor 	Yes

23	Veterinary Physiology	1. V.Leela - Professor and Head 2. S. Eswari- Professor 3. G.Suganya - Assistant Professor 4. N. Muniyappan- Assistant Professor	Yes
24	Livestock Business Management	1. M.Prabu - Professor and Head 2. B.Jayavarathan - Assistant Professor	Yes
25	Stem Cell	1.Sabiha Hayath Basha- Professor And Head	Yes
26	Veterinary Pharmacology & Toxicology	1. Dr.S.Ramesh – Professor and Head 2. T.Ramasamy – Assistant professor 3. M.R.Srinivasan- Assistant professor 4. L.Kalaiselvi- Assistant professor 5. S.P.Preetha-Assistant professor 6. M.Jayanthi-Assistant professor	Yes
27	Veterinary Gynaecology and Obstetrics	1. Dr.K.Krishna Kumar - Professor and Head 2. Dr.N.Arunmozhi - Assistant Professor 3. Dr.S.Rangasamy - Assistant Professor 4. Dr.R.Suresh Kumar - Assistant Professor (Working in Clinics Department) 5. Dr.U.S.Kalyan – Assistant Professor	Yes
28	Agronomy	1. C.Vennila- Assistant Professor 2. T.Ananthi- Assistant Professor	Yes
29	Education Cell	1. Dr. S. Gomathinayagam- Professor and Head 2. Dr. K. Suresh Kumar- Assistant Professor 3. Dr. B. Dhivya- Assistant Professor	Yes
30	Bioinformatics & Aris Cell	1.Dr.K.Vijayarani, Professor and Head	Yes
31	Veterinary Surgery & Radiology	1. Dr L Nagarajan -Professor and Head 2. Dr Mala Shammi -Professor 3. Dr C Ramani -Professor 4. Dr Md Shafiuzama -Professor 5. Dr R Sivashankar- Assistant Professor 6. Dr A Velavan -Assistant Professor 7. Dr H Pushkin Raj -Assistant Professor 8. Dr C Niranjana- Assistant Professor	Yes

6.5.2.3. Credentials of the Faculty: Whether the institution has employed competent faculty members qualified to accomplish the mission and goals of the institution? Give the highest qualification received by each faculty, related work experiences in the field, professional licensure and certifications, honors and awards, continuous documented excellence in teaching, or other demonstrated competencies and achievements that contribute to effective teaching and student learning outcomes. **(Enclosed in Annexure i)**

6.5.2.4. Technical and Supporting Staff: Whether the College has appointed (in place) sufficient technical/ laboratory/farm staff to cater the need of practical and field experiments. Mention department wise distribution of technical, supporting and field staff in the tabular form.

S.No.	Name of the Department	Technical staff	Supporting staff	Field staff	Whether sufficient carry out day to day activities
1	Agronomy	0	0	5	Yes
2	Livestock Business Management	1	1	0	Yes
3	LPT (Dairy Science)	5	13	0	Yes
4	Veterinary Animal Husbandry and Extension Education	1	3	0	Yes
5	Veterinary Parasitology	0	6	0	Yes
6	Veterinary Physiology	4	6	0	Yes
7	Animal Bio-Technology Animal Husbandry	2	7	0	Yes
8	Veterinary Microbiology	1	3	0	Yes
9	Bioinformatics & Aris Cell	0	5	0	Yes
10	Animal Nutrition	3	4	0	Yes
11	Livestock Production Management	1	2	1	Yes
12	Veterinary Preventive Medicine	1	1	2	Yes
13	Animal Genetics and Breeding	1	4	0	Yes
14	Poultry Science	2	2	2	Yes
15	LPT(Meat Science)	1	6	0	Yes
16	Wildlife Science	1	1	0	Yes
17	Veterinary Biochemistry	0	3	0	Yes
18	Veterinary Anatomy	5	4	0	Yes
19	Centralised Instrumentation Lab	1	3	0	Yes
20	Veterinary Clinical Medicine	9	4	0	Yes
21	Veterinary Pathology	1	6	0	Yes
22	Library Science	1	5	0	Yes
23	Veterinary Public Health and Epidemiology	3	1	0	Yes
24	Economics Animal Husbandry	0	2	0	Yes
25	Veterinary Surgery & Radiology	2	4	0	Yes
26	Veterinary Gynaecology and Obstetrics	4	5	0	Yes
27	Veterinary Pharmacology & Toxicology	6	2	0	Yes
28	Education Cell	3	3	0	Yes
29	Stem Cell	2	1	1	Yes

6.5.3. Learning resources

Learning resources are texts, videos, software, and other ICT enabled materials that teachers use to assist students to meet the expectations for learning defined by ICAR recommended curricula. Information on the following shall be submitted.

6.5.3.1 College Library (digital): Mention the information about location of the library, present staff position (in place) and availability of Wi-Fi, sufficient books and other reading materials, periodicals and research journals, internet with sufficient number of computers, seating capacity, employing

the latest technology in library sciences, stocking arrangements, collection of volumes on different subjects, latest publications in the fields of relevant subjects, automation and user services through computer, opening hours, subscription of journals of national and international repute, national dailies, magazines etc.

- ❖ **Location of the library** : In Campus
Department of Library Science
Madras Veterinary College, Vepery, Chennai – 600 007

- ❖ **Present Staff Position (Sanctioned and in place)** Madras Veterinary College Library

Sanctioned	Present	Vacant
19	7	12

- ❖ **Availability of Wi-Fi with speed / band width:** Wi-Fi: Yes
Internet Speed /Bandwidth: 1(Giga Byte-GB/Second) (National Knowledge Network- NKN)
- ❖ No. of Computers with Internet available for students: 30
- ❖ Books (Nos.) : 41,639

S. No.	No. available for		Journals subscribed		Periodicals, dailies, magazines and others (Nos. according to category)
	Issue to	Reference	Online	Physical	
1.	37,525	4,114	75	23	Magazines:13 News Papers:12

- ❖ Seating Capacity : 166
- Latest Technology and Innovations** :
- ❖ Lending : yes
- ❖ Number of Books issued to UG students : 8,511
- ❖ Number of Books issued to PGs/Staff members : 6,681
- ❖ Total Number of Books issued :15,192
- ❖ Preservation of documents/binding : yes
- ❖ Number of Books/Journals, etc. bound 943
- ❖ Digital access : yes

Digitization: The abstracts of all the theses available in the MVC library have been digitized and made available over the Intranet of the university to ensure easy access. This facilitates access to the students, research scholars, faculty members and scientists of the university across the Intranet. The digitized contents of TANUVAS are available at KrishiKosh Institutional Repository (www.krishikosh.egranth.ac.in)

- ❖ Information downloaded from e-journals/Internet for users (*in Mb*):39,009
- ❖ No. of Students / Research Scholars benefited : 482
- ❖ Book and periodical arrangements : yes
- ❖ Online cataloguing : Web-OPAC
(Online Public Access Catalogue)

Online Public Access Catalogue: The Online Public Access Catalogue (OPAC) of the library is made available through the Internet and the URL of the Web OPAC is elibrary.tanuvvas.org.

- ❖ Photocopying : yes
- ❖ Number of photocopies taken : 1,10,126
- ❖ CERA facility : yes , 2900+ online journals access
- ❖ In addition to 2900+ electronic journals available under Consortium for e-Resources in Agriculture (CeRA) at elibrary.tanuvvas.org. Thirty computer terminals have been established in the E-Journal section of the library exclusively for this purpose which facilitates research scholars, faculty members and scientists of the university to access the electronic journals.
- ❖ Krishikosh and others : yes, www.krishikosh.egranth.ac.in



- ❖ Working hours and arrangements during holidays:

Week days: 8.00 a.m. to 7.00 p.m. Saturday : 8.00 a.m. to 3.45 p.m.

6.5.3.2. Laboratories, Instructional farm, Workshops, Dairy Plant, Veterinary Clinic, Hatchery, Ponds etc.: Clearly mention about laboratories, instructional farm, workshops, dairy plant, veterinary clinic, hatchery, ponds etc facilities available in the College with its numbers, space, speciality to conduct practical/hands on training.

S. No.	Laboratories	Number of labs	Space (sq. m)	Instruments above two lakhs, List names and numbers	Specialty/ Specific purpose of the lab
Undergraduate					
1	AGB- Undergraduate lab	1	119	Micro-refrigerated centrifuge -1	
2	AGR-UB lab	1	10	Nil	For display of charts, seed samples, machinery models and Practical demonstration of agronomic techniques related to fodder production
3	ANN-UG lab	1	227.6	Kjeltec system	Protein estimation
4	LPM-UG lab	1	300		For UG practical

5	LPT (DSC)- UG lab	1	135	Non IBR Boiler - 1 Membrane unit - 1 Spray drier – 1	To handle practical classes for the Under Graduate students
6	LPT(MST)-UG lab	1	79.47	Automatic Protein Estimation System- Rs. 4,99,592 Deep Freezer-Rs. 3,31,750	To conduct UG practical classes
7	Poultry science –UG Lab	1	42	-	UG teaching
8	VAN-UG	1	223	-	Osteology, Arthrology lab and Dissection lab
9	VAN-UG	1	65	-	Splanchnology lab
10	VBC-UG	ONE	170.0	Deep freezer (-80°C) – 1 no.	UG lab: Used for the conduct of practical for the undergraduate students of II B.V.Sc. & A.H as per the VCI 2016 and VLD practical classes for IV B.V.Sc & A.H and for conducting respective examinations. The required reagents/chemicals/kits consumables for ready to use are housed at the lab. Deep freezer (-80°C) is used for storage of DNA and protein samples for down-stream processing. The facility is being utilized by both UG/PG students, staff of this department and other departmental research scholars/ faculty of MVC.
11	VCM- UG Practical Laboratory	1	45	-	UG teaching
12	VCM- Rumen Fluid Analysis Laboratory	1	18.5	-	Rumen fluid examination & related diagnostics & UG teaching
13	VCM- Mastitis laboratory	1	18.5	De Laval somatic cell counter -1	Mastitis diagnosis & UG teaching
14	VCM- ECG laboratory	1	15	Exercise ECG -1	ECG studies & related diagnostics & UG teaching
15	VEP-UG	1	190	Nil	For Under graduate practical class
16	VMC-UG	1	101.4501	Compound Light Microscope: Lawrence groups - 12 Numbers Magnus MLX – 9 Numbers Optica microscope -2Numbers	For UG teaching and Research purpose

17	VPA-UG	1	111.48	-	To conduct practical classes for UG students To store parasite specimens, chemicals, microscopes, glassware and other equipment needed for UG practical
18	VPH-UG	One	900 sq. ft	--	UG Practical sessions and Classes
19	VPT-UG Pharmacy lab	one	184.68	Student physiograph & Digital data acquisition system	For tissue analysis
20	VPT-UG toxicology lab	One	36.24		
21	VPY-UG lab	One	1500 sq. ft	Nil	To conduct undergraduate practical in Veterinary Physiology
22	VSR-UG Lab	One	60	Nil	Teaching UG students suturing patterns, Anaesthetic machine working and models of equine lameness
23	WLS	-	-	-	-
24	UG Andrology Lab	One	600 sq.ft	-	To teach andrology classes for the Undergraduate students
25	UG Gynaecology lab	One	680 sq.ft	Vaginoscope camera with accessories -Rs. 3,36,691.16	To teach Gynaecology classes for the Undergraduate students
26	Phantom hall and palpation room	One	600 sq.ft	TANUVAS COW TORSION MODEL – Rs. 200000/-	To teach obstetrical and pregnancy diagnosis to undergraduate students
27	Artificial Insemination Centre with semen storage and trevis facility	One	600 sq.ft	TANUVAS PALPATION MODEL – Rs.200000/-	To teach palpation techniques and also to teach pregnancy diagnosis in cattle

S. No.	Laboratories	Number of labs (insert many rows needed)	Space (sq. m)	Instruments above two lakhs, List names and numbers (insert as many rows as needed)	Specialty/ Specific purpose of the lab
Post-graduate					
1	Environmental Biotechnology Lab	1	7.6 X 2.6	3 L Glass bioreactor – 1No. Potentiostat ZRA Int 1010T – 1 no. Gas chromatography (NETEL) - 1no.	The lab is used for Conducting environmental biotechnology training programme for students and research scholars from other colleges / University under self-financing scheme <ul style="list-style-type: none"> Conducting practical classes for industrial biotechnology courses for M.Sc., and Ph.D. Biotechnology students
2				autoclave – 1no. Cooling centrifuge – 1no. Cold room (Blue star make) - 1no. -20°C vertical deep freezer (thermo-scientific make) -1no	University conduct self-financing scheme
3	Molecular biology Lab	1	65 X 25	Thermal cycler (Applied Biosystem) – 2 nos Cell ultra sonicator – 1no. Bench-top Centrifuge cooling (Thermo Scientific) – 1no. Gel documentation with Accessories –1no. Real time PCR – Applied Biosystem - 1no. Emulsiflex High Pressure Homogenizer – 1no.	The lab is used for <ul style="list-style-type: none"> Conducting molecular Biology training programme for students and research scholars from other colleges / University under self-financing scheme Conducting practical classes for Molecular Biology courses for M.V.Sc., Ph.D. Biotechnology, Ph.D. Animal Biotechnology students
4	Nanotechnology Lab	1	30 X 20	SZ-100 Particle size and Zeta potential – 1no. Atomic Force Microscope and Raman Image – 1 no.	The lab equipment facility is used for students and research scholars from other colleges / University under self-financing scheme

5	Centralized Embryo Biotechnology Lab	1	175.	<p>Phase contrast microscope with micromanipulator –1 no.</p> <p>Laminar airflow – 5 nos</p> <p>CO₂ incubator - 2 nos</p> <p>Osmometer - 1 no.</p> <p>Thermal cycler - 1 no.</p> <p>Gel documentation unit -- 1 no.</p> <p>Refrigerated centrifuge - 1 no.</p> <p>Fluorescent microscope - 1 no.</p>	<p>Reproductive Biotechnology PG, Ph.D. teaching, Handling contact class for PG Diploma – PGDARB, National level training programme on ‘<i>In vitro</i> fertilization of farm animal oocytes and co-culture’, National level training programme on ‘Intra cytoplasmic sperm injection of farm animal oocytes’, HRD summer training –Level-II</p> <p>HRD summer training –Level-III</p>
6	Immunotechnology Lab	1	37 X 20	<p>Flowcytometry - 1 no.</p> <p>Centrifuge - 1 no.</p> <p>Bacteriological Incubator - 1 no.</p> <p>Gel documentation - 1 no.</p> <p>PCR workstation- 1 no</p>	<p>The lab is used for conducting immunotechnology training programme for students and research scholars from other colleges / University under self-financing scheme</p> <ul style="list-style-type: none"> Conducting practical classes for immunotechnology courses for M.V.Sc., Ph.D. Biotechnology, Ph.D. Animal Biotechnology students
7	Reference Material Production Lab	1	30 x 20	Spectrophotometer-1no.	This lab is used for spectrophotometric estimations of mycotoxins and other analytes for students and research work.
8	Cytogenetics lab	1	12	<p>1. Photomicroscope with software for automatic karyotyping with accessories – 1</p> <p>2. CO₂ incubator – 1</p>	Karyological screening of animals for chromosomal abnormalities

9	Molecular Genetics lab	1	69	1. PCR thermal cyclers – 2 2. Gel documentation system – 1 3. Water purification system – 1 4. Ultra-low temperature freezer (-86°C) : horizontal– 1 5. Real Time PCR– 1 6. Nanodrop One C Spectrophotometer w – 1 7. Deep Freezer (-40°C): Vertical – 1 8. Refrigerated centrifuge – 1	Molecular characterization of livestock breeds Screening of inherited disorders and Parentage verification in livestock
10	Frozen Semen lab	1	73	1. Programmable freezer with accessories – 1 2. Fluorescence microscope – 1 3. Phase contrast microscope – 1 4. Automatic filling and sealing machine – 1 5. Sperm Quality Analyser – 1 6. Trinocular Phase Contrast Microscope with Image Capturing Facility – 1 7. Cold handling cabinet – 1	Frozen semen production in goats
11	Liquid nitrogen plant	1	59	1. Liquid nitrogen plant – 1	LN ₂ production for daily routines of frozen semen lab and supply to other departmental activities.

12	ANN-PG lab	1	226	1. Gas Liquid Chromatography – 1 2. Gas Chromatography – 1 3. Freeze dryer – 1 4. Refrigerated centrifuge – 1 5. Atomic absorption spectrometer – 1 6. Microwave digester – 1 7. Micro plate reader – 1 8. Planetary Ball mill – 1	Volatile Fatty Acid analysis Methane estimation For Enzyme assay For Enzyme assay Mineral estimation Sample preparation for Mineral estimation Optical density of samples analysed Nano mineral synthesis
13	LPM-PG lab	1	300	Carbon Analyser	For practical's and Research
14	LPT(MST)-PG lab	Meat Speciation Lab- 1	39.06	Thermal cycler-Rs. 3,78,000 Texture Profile Analyser-Rs.14,72,965 UV-VIS Spectrophotometer-Rs. 5,30,200 Hunters Colour Lab-Rs. 5,96,700	Meat Speciation (PCR)
15	LPT (DSC)-PG La	2	135	Freeze Drier - 1 Gel Documentation system - 1 PCR thermal cycler and PCR workstation– 1 Anaerobic Workstation - 1 Table Top Dehydrator - 1 Texture Analyser -1 2D Electrophoresis - 1 HPLC -1 Candy Maker -1 Spiral Plater – 1 Water activity meter– 1 Blast freezer – 1 Ice candy maker – 1	1) To handle practical classes for the Under Graduate students 2) To carry out research work of PG and PhD students
16	LPT (DSC)-PG Lab	3	60	-	-
17	LPT(MST)-PG lab	Microbiology lab-1	23.51	Trinocular Microscope-Rs.2,87,626 Microscope-Rs.6,49,257	To conduct microbial analysis of meat and meat products

18	Dairy Plant	1 For carrying out receiving milk, processing and preparation of various milk product	312	Non IBR Boiler - 1 Membrane unit - 1 Spray drier - 1 Candy Maker -1 Blast freezer – 1 Ice candy maker - 1	Processed milk, Cream, Ghee, Paneer, Ice cream, Skim milk, Flavoured milk, Butter milk, Ice candy, Choco bar etc.
19	PG (PSC)	1	42	-	UG research
20	Molecular lab (PSC)	1	12.5	-	UG research
21	Slaughter hall (ICAR Experiential Learning)	1	84	-	UG,PG teaching & research
22	PG-VAN	01	46	-Histoembedder -Sledge microtome -Carl-Zeiss photomicroscopic unit -Trinocular photomicroscopic unit	For histological, histochemical, immunohistochemical studies and for embryology works
23	VBC-PG	1	44.5	Thermal cyclers – 1 no.	PG lab: Used for the conduct of PG and PhD practical. The required reagents/chemicals/ kits/ consumables for ready to use are housed at the lab. This lab is also utilized by the faculty of the department for conducting project research work. Thermal cyclers are used for <i>in-vitro</i> amplification of DNA in molecular biological research.
24	VCM- PG - PG Practical Laboratory	1	10	-	PG teaching
25	VCM- PG - Echocardiography Laboratory	1	18.5	Colour Doppler Echocardiograph-1	Echocardiographic studies & related diagnostics & PG teaching
26	VCM- PG - Point of Care (POC) Diagnostic Laboratory	1	14	Blood gas analyser -1	Emergency diagnostics & PG teaching

27	VCM- PG - Coagulation and Haemostasis Laboratory	1	14	Coagulation analyser -1	Coagulation analysis & PG teaching
28	VCM- PG - Dermatology laboratory	1	14	-	Dermatology diagnostics & PG teaching
29	VEP-PG	1	49	Thermocycler (Gradient) -1 ELISA Reader - 1 Cooling Centrifuge-1	For Post graduate research
30	VMC-PG	1	67.6334	Deep Freezer: -20°C – 2 Numbers	For PG teaching and Research purpose
31	VPA-PG	1	130.06	Stereo zoom Microscope- Two BOD incubator- Three Ultrasonic homogenizer and Sonicator- One U.V. Monitor, flow cell, filter and recorder- One Refrigerated Centrifuge- Two ELISA Reader- Two Ultra Low Temperature Freezer (-80o C)- One Microscope and digital camera with image analyser- One PCR Machine-	To carry out research work by PG scholars To accommodate equipment and other accessories needed for PG research work
32	VPH-PG	1	200 sq. ft.	Gel Doc. System –One Three Gel Doc- instrumentation system- One Bead Beater- One Ultra-pure water purification system-One Nanodrop- One Haemoauto-analyser- One Refrigerator-One	PG Research work
33	VPT-PG Lab- Biochemical laboratory	1	46.74	HPLC with UV and fluorescent detector-1 Sonicator -1 Tissue homogenizer-1 Semi-Auto Analyzer-1 UV-Vis Double beam Spectrophotometer with software-1 Rotary Evaporator-1 Refrigerated centrifuge-1 Millipore Water Purification system-1 Incubator shaker -1	For analyte estimation For tissue extraction For tissue extraction For serum biochemistry For serum biochemistry For serum biochemistry For extract preparation from plants For maintaining constant temperature during cell handling and analyte extraction For pure water for all experiments For maintaining optimal conditions for sample preparation

34	VPT-PG-Analytical Lab	1	11.09	Gas Chromatography	For analysis of pesticides
35	VPT-PG-Experimental Lab	1	22.8	ELISA reader Ultrasound machine Digital plethysmometer	For tissue analysis Scanning For anti-inflammatory study
36	VPT-PG- <i>In vitro</i> Lab	1	21.98	Inverted microscope Zoom stereo microscope CO2 incubator	For cell viewing For cell viewing For cell culture maintenance
37	VPY-PG lab	1	700 sq. ft.	Bio safety cabinet class II – 1	To conduct post graduate (PG and Ph.D.) practical and research in Veterinary Physiology
38	VSR-PG-Orthopaedic theatre		30	Refrigerated Centrifuge (one) C Arm Unit (1)	Used for clinical application of Autologous Platelet Rich Plasma Advanced In-situ imaging for Orthopaedic procedures
39	VSR-Radiology unit		60	Ultrasound Machine (Two) CT Scan Facility (1) Digital Radiography Unit (1) Computerized Radiography (2)	Advanced In situ imaging for Orthopaedic procedures Teaching diagnostic ultrasound Advanced Diagnostic Imaging Technique Advanced Diagnostic Imaging Facility Radiographic imaging facility
40	VSR-Small Animal Soft Tissue Theatre	1	60	Endosurgery Unit CO2 Laser Unit Anaesthetic Workstation Electro-chemotherapy Unit	Advanced imaging and interventional surgical facility Advanced Surgical facility Advanced Anaesthesia machine for teaching PG students Advanced Surgical oncology facility
41	VSR-Small Animal Ophthalmology Unit	1	20	Phacoemulsification Unit Fundoscopy unit	Advanced surgical facility for cataract surgery Advanced imaging for Veterinary Ophthalmology
42	VSR- Small Animal Dental Unit	1	10	Nil	Dental surgical facility with scaler for small animals
43	VSR- Large Animal Surgical Unit	1	60	Large Animal Anaesthetic Apparatus with ventilator Large Animal Hydraulic Table	Teaching Large Animal Anaesthesia to PG Students Teaching Large Animal Surgery to PG Students
44	WLS -PG lab	1	20	Class II Biosafety cabinet -1	To conduct post graduate (PG and Ph.D.) practical and research in Wildlife Science

45	VGO-Assisted Reproductive Technology Lab – I	1	1000 sq.ft.	Olympus research microscope -Micro Manipulator -Rs.2,09,429.40 Gamma Counter -5089.26 USD Co ₂ Incubator-Heraeus- 4,490.515 Euro Trinocular stereoscopic zoom microscope – Nikon - Rs. 5,67,300.10	To conduct IVF, Cryobiological and tissue culture works.
46	VGO-Assisted Reproductive Technology Lab – II	1	800 sq.ft.	eProchek @ 800 Automatic Eliza test device -Rs.6,25,669.41 Osmometer-Rs.1,61,057.75 Phase contrast microscope –Olympus - Rs. 2,09,429.40 Embryo freezer -4,389.133 USD	To conduct sperm freezing, cryopreservation and in-vitro fertilization of bovine and ovine embryos
47	VGO -Molecular Lab	1	600 sq.ft.	Refrigerated Centrifuge- Rs. 2,21,593.31 -80° Ultra low temperature freezer- Thermo Fisher Scientific Ltd. -3,38,784.26 Eppendorf Mastercycler Nexus Gx2 ECX-F26 -4,51,070.00	To conduct real time polymerase chain reactions and protein isolation work

Others

Laboratories	Number of labs	Space (sq. m)	Instruments above two lakhs, List names and numbers (insert as many rows as needed)	Specialty/ Specific purpose of the lab
BTIS	1		2U Rack Server	Next Generation Sequencing analysis & Molecular docking.
Centralized Clinical Laboratory- Instrumentation Laboratory	1	13.9	A15 Bio systems Biochemical Analyser (2 Nos) Exigo (Four part) Autohaemoanalyser (1) BC-VET 2800 (Three part) Mindray (1) RIA (1) Electrolyte analyser (1)	Biochemical Analyser Haematology analyser Haematology analyser Hormone analyser Analysing Electrolytes

Clinical Microbiology Laboratory	1	9.3	Laminar Airflow (1)	ABST, Culture and isolation of micro organisms
Clinical Pathology Laboratory	1	18.6	Research Microscope (1)	Blood smear, Cytology smear reading
Centralized instrumentation Laboratory	1	222.9673	<ul style="list-style-type: none"> • Transmission electron microscope • Freeze dryer • Nanodrop/spectrophotometer • Refrigerated centrifuge • Freezer (-86 degree C) • Fluorescent microscope • Gel Doc system • Gradient PCR machine • Inverted microscope • Autoclave • Hot over oven • Incubator • Water bath • Sonicator 	
LPT (MST)-slaughter house	1	151.44	Band Saw- Rs. 4,85,000 Multipurpose Carcass Splitting Saw- Rs.2,13,215 Poultry Processing Line- Rs. 2,40,847 Modular Chiller- Rs. 4,53,000 Modular Freezer-5,75,000 Extruder-Rs. 15,22,500	To demonstrate slaughter and dressing of food animals and birds to UG and PG students.
LPT (MST)-Meat products lab	1	35.08	Vacuum Packaging Machine-Rs. 3,31,520 Blade Tenderizer- Rs. 3,74,988 Vacuum Marinating Tumbler-Rs. 2,09,551 Smoke Cabinet- Rs. 7,29,134 Cooking Vat- Rs. 2,88,071 UV-VIS Spectrophotometer-Rs.1,98,900	To prepare meat and meat products hygienically for public sales
LPT (MST)-Food testing laboratory	1	108.50	Vitek 2 Compact System- 30 lakh Refrigerated Centrifuge- Rs. 2,72,458 Protein and Fat Analyser- Rs. 7,74,421 Nitrogen Concentrator- Rs. 4,07,620 ICP-OES- Rs. 26,53,685 LCMS-MS- Rs. 97,98,328 Quadrupole GC MS/MS- Rs. 66,21,823 FT-NIR Spectrophotometer- Rs. 31,31,164 Ultrapure Water Purification- Rs.3,00,000	To conduct physico-chemical, mineral, pesticide and antibiotic residues in meat and meat products on commercial basis.
SCR, BSL2 LAB	1	19.24	1).Fluorescent activated Cell sorter (BioRad) - 1 No. 2) Phase Contrast Microscope- 2 Nos 3) Cooling centrifuge (REMI)- 2 nos 4) LN2 CryoVessel- 1 No 5) LN2 transfer vessel- 32 l- 1 No 6) Vertical freezer (Eppendorf)-80°C 7) CO2 Incubator-(Eppendorf)-1 No 8) Gel doc apparatus(BioRad)-1 No 9) Microplate reader (Bio-Rad)-1 No. 10) Real time PCR (Bio-Rad)-1 No 11) Thermal cycler- 1 No 12) Electroporator- 1 No. 13) Electrochemo-therapy unit-1 No. 14) Biosafety Cabinet (Klenzaid)- 5 nos 15) LN2 sample storage rack and box system-1 No	BSL2 lab has all the infrastructure for carrying out stem cell isolation, culture and characterization work from domestic animal tissues

SCR - BSL2-Quarantine lab	1	18.44	-	-
SCR - Clean room	1	129.20	-	
Large Animal Medicine – Referral Clinic	1	45	-	Referral diagnostics in Large Animal Medicine & teaching
Ruminant Gastroenterology - Referral Clinic	1	15	-	Gastroenterology diagnostics & teaching
Udder Clinic	1	10	-	Mastitis & related diagnostics & teaching
Downer & Transition cow Referral Clinic	1	15	-	Transition cow diagnostics, treatment & teaching
Large Animal Ultrasonography & Endoscopy Referral Clinic	1	20	-	Referral diagnostics & teaching
Large Animal Emergency & Critical Care Medicine Referral Clinic	1	45	-	Treating and management of critically ill Large Animal patients & teaching
Small Animal Internal Medicine – Referral Clinic	1	10	Dialysis Machine -17	Referral diagnostics, treatment & teaching
Cardiology & Thoracic Medicine Referral Clinic	1	10	Holter ECG- 1 Bronchoscopy -1	Referral diagnostics, treatment & teaching
Emergency and Critical Care Medicine Referral Clinic	1	50	Vital signs monitor – 2 Defibrillator – 1 Mechanical ventilator - 1	Treating and management of critically ill patients & teaching
Nephrology Referral Clinic	1	18.5	CRRT machine -1	Dialysis of kidney failure patients & teaching
Neurology Referral Clinic	1	10	EEG machine -1 BAER system -1	Neurology diagnostics & teaching
Endoscopy Referral Clinic	1	10	GI Endoscopy unit -1	Referral diagnostics & teaching
Diagnostic Ultrasonography Referral Clinic	1	10	Ultrasound machine -1	Referral diagnostics & teaching
Dermatology Referral Clinic	1	15	Otoscope – 1	Dermatology diagnostics & teaching

Cancer Medicine Referral Clinic	1	10	Vital signs Monitor -1	Diagnosis and treatment of Cancer patients and teaching
Transfusion Medicine Referral Clinic	1	30	Blood storage cabinet -1 Blood Bank Centrifuge – 1	Blood transfusion
Paediatric Medicine Referral Clinic	1	10	Paediatric incubator-1	Treating and management of critically ill patients & teaching
Geriatric Medicine Referral Clinic	1	10	Vital signs Monitor -1	Treating and management of critically ill patients & teaching
Research Laboratory – 1 (Virology lab)	1	22.2967	Refrigerated Centrifuge (ST 16 R Model) Eppendorf Centrifuge (5810 R Model) Thermo ELISA Reader & Washer Nano drop (JH Bio innovations) Millipore water purification system Klenzaids – Laminar Air flow system	Only ND, IB and PPR virus working area
Research Laboratory – 2 (Modern Virology lab)	1	20.8103	Gradient PCR system (BioRad) –2 Numbers Inverted Microscope with Fluorescence Gel Doc with Chemiluminescence Real time PCR (Roche) Real time PCR machine (Eppendorf) PCR machine (BioRad) Western blot apparatus (Semi dry) Electrophoresis system with accessories	Only ND, IB and PPR virus working area
Research Laboratory – 3 (Virology lab)	1	35.6748	Haier Deep Freezer - 80 degree C Thermo scientific freezer: 80°C Ultra low temperature freezer (New Brunswick) Ultra Centrifuge - Optima XPN-100 (Beckman Coulter) Bio Base Vertical Laminar air flow chamber	Only ND, IB, PPR, FPV and ILT virus working area
Research Laboratory – 4	1	20.8103	BIOBASE – Lyophilization machine	Freeze drying area
Research Laboratory – 5 (Immunology lab)	1	98.477	Laminar air flow machine Bio Base Vertical Laminar air flow chamber	Only ND, IB, PPR, FPV and ILT virus working area
Bacteriology & Mycology Laboratory	1	10.8697	Vertical Laminar air flow system -	Diagnostic samples –Bacterial and Fungal cultures
Cell Culture Laboratory (Clean)	1	10.8697	Clean air – Laminar Air flow system Thermo Scientific CO2 Incubator machine	Working area for uninfected cell cultures

Cell Culture Laboratory (Infected)	1	10.8697	Bio Base Vertical Laminar air flow chamber	Working area for Infected cell culture
ND vaccine Laboratory	1	10.8697	Kambert – Tablet Making machine Horizontal Laminar air flow machine	Working area for NDV – D58 strain virus
Sterilization area	1	83.2411	Digiquel – Hot air oven Ice flake making machine- mrc XB - 60 Autoclave machine – Horizontal Autoclave machine – Vertical Bacterial culture incubators	Area for washing and Sterilization of flask, plastic items and culture medium
Sample storage area	1	13.9355	Sanyo Biomedical Deep freezer: - 40°C Vertical Deep freezer: - 20°C	For storing of clean and infected samples
Bio safety Laboratory	1	32.609	Biosafety cabinet Class II (Spinco)	Only ND, IB, PPR, FPV and ILT virus working area
Operation Theatre	1	2000 sq.ft.	Anaesthetic work station - Rs.5,88,000	To conduct reproductive surgeries as demonstration and practice for under graduate students
			Ultrasound Scanner-Aloka - Rs. 6,56,100	
Clinics	1	-	Aloka Colour Doppler Ultrasound-SSD-3500 SV	-

Department of Veterinary Pathology

- ❖ The Necropsy Laboratory section at Department of Veterinary Pathology provides comprehensive diagnostic services including general post mortem examinations, Rabies diagnosis, forensic diagnosis and laboratory diagnosis.
- ❖ Biopsy evaluation, cytology evaluation and diagnostic immunohistochemistry, histopathology, histochemistry have been carried out.
- ❖ Molecular pathology laboratory to carry out molecular pathology work facilitating the research scholars and for diagnostic purpose.
- ❖ Working hours and arrangement on govt. holidays:
- ❖ Working hours from 9 AM to 5 PM everyday with rotational turn duties on Saturdays and Sundays.
- ❖ Department of Clinics, **Madras Veterinary College, Chennai-7**

Type of unit (ward/pharmacy/blood bank, etc)	Area (Sq.m)	Facilities present in each
Small Animal OP Unit -Medicine	1000	❖ Individual Cubicles ❖ Examination Tables
Small Animal OP Unit-Surgery	1000	❖ Individual Cubicles ❖ Examination Tables ❖ Desktop Computer
Small Animal OP-Dermatology	750	❖ LED Examination Lamp ❖ Skin biopsy (Punch) Unit ❖ Woods Lamp

Small Animal OP- Gynaecology and Obstetrical Unit	1250	❖ Examination Tables ❖ Desktop Computer ❖ Vaginoscope ❖ Ultrasound ❖ Microscope-VEC unit
Small Animal OP – Infectious disease Unit	750	❖ Examination Tables
Small Animal OP – Vaccination Unit	200	❖ Examination Tables
Avian and Exotic Pet Unit	100	❖ Examination Tables
Small Animal OP – Orthopaedics	750	❖ Examination Tables
Small Animal OP – Ophthalmology	300	❖ Examination Tables
Small Animal OP – Injection ward	600	❖ Examination Tables
Large Animal OP – Medicine	3000	❖ Examination Tables ❖ Ultrasound ❖ Rumen fluid collection Unit
Large Animal OP – Surgery	3000	❖ Examination Tables
Large Animal OP- Obstetrics	5000	❖ Examination Table ❖ Ultrasound ❖ Large Animal Operation Table – Hydraulic ❖ Hind quarter elevator ❖ Obstetrical Instruments ❖ Suction apparatus
Large Animal OP – Gynaecology	500	❖ Ultrasound ❖ Microscope ❖ Examination Table ❖ Trans-Vaginal Ultrasound guided follicular aspiration unit
Small Animal IP (Medicine, Surgery and OG Unit)	1250	❖ Examination Tables ❖ Individual Kennels ❖ Cat cages
Large Animal IP (Medicine, Surgery and Obstetrics Unit)	500	

No. of cases treated

Species	Average no. of cases treated/ day	Total no. of cases treated from April 2014 to 30.11.2019
Canine	232	507767
Feline	14	30830
Avian & Exotic	13.25	29025
Others	2	4088
Ovine	0.6	1278
Caprine	10	22090
Bovine- White Cattle	26	57107
Bovine-Bubaline	1	2083
Equine	3.25	7023
Grand Total		6,61,291

- ❖ Diagnostic laboratories with advanced facilities (in bullets):
- ❖ Causality and emergency services
- ❖ Working hours and arrangement on govt. holidays:

Week days	8.00 AM to 1.00 PM
Weekends and Public Holidays	8.00 Am to 11.30 AM

6.5.3.3. Student READY/ In-Plant Training / Internship / Experiential Learning Programmes:

Clearly mention about the implementation of Student READY/ In-plant training/ Internship/ Experiential Learning programmes and learning outcomes as per the guidelines of ICAR. Profit sharing mechanism (amount) shall be mentioned for each ELP unit sanctioned by the ICAR for the college.

Student READY (Internship). In the year 2017-18, an amount of 28.5 lakhs was dispensed for student READY programme and 229 students were benefited. The stipend amount distributed to the students was very useful to meet out their expenses during internship training programme at various parts of the state.

Particulars	Period (Academic year for B.V.Sc./ B.Tech, etc for example first year, final year, etc.)	Duration (in days)	Specific learning outcomes
In-plant training	- Not Applicable -	--	--
Internship	After completion of IX semester	180 days	- Listed below -

Internship

- (1) Every student of B.V.Sc. & A.H. degree course is required undergo compulsory rotating internship to the satisfaction of the University for a minimum period of Six calendar months so as to be eligible for the award of the degree of B.V.Sc. & A.H. and full registration with the council.
- (2) Internship is undertaken only after completion of all credit requirements of veterinary curriculum including Remount Veterinary Squadron or National Cadet Corp or Equestrian or National Service Scheme or Sports and games as applicable under these regulations.
- (3) Interns will be actively involved in rendering veterinary service under the supervision of an experienced teacher.
- (4) They will assist the teacher or in-charge in all activities of the units they are posted in.
- (5) The compulsory rotating internship are provided in the following areas, namely:-
 - (i) Posting in Veterinary Clinical Complex for clinical training covering veterinary medicine, surgery and radiology, gynaecology and obstetrics, clinical emergencies, In-patient ward, laboratory diagnosis, ambulatory, hospital management, record keeping etc;
 - (ii) Posting at Veterinary Clinical Complex of veterinary college of other state in India with provision of rent free accommodation;
 - (iii) Posting in any four of zoo or wild life centre or National Parks, Meat Plant or Abattoirs, Milk Plants, Poultry Farms, Field Hospital, district veterinary dispensary/polyclinics/ hospitals, Animal Welfare Organization, Vaccine Institute, Remount Veterinary Corps, Pharmaceutical, Feed Industry for hands on training in each establishment;
 - (iv) Entrepreneurial training and management covering farm routines of cattle and buffalo farms, piggery or rabbitry, sheep and goat farms, and equine or camel unit etc. Poultry production

and management covering layer and broiler production, hatchery and chick management and learning farm practices like record keeping and other related activities;

- (v) Each intern is to submit a Project Report on completion of entrepreneurial training and this training is aimed at developing entrepreneurial skill for self-employment and the university or college shall provide interest free loans, technical support and infrastructure for these activities. Inputs, day-to-day work and financial accounting shall be undertaken by the students;
- (vi) The interns are trained with the objective of having achieved following core competency namely:-
 - ❖ Restraint of cow, sheep, horse, dog and pig. haltering, snaring, muzzling, tail switch, bandaging of horse for exercise and stable bandaging;
 - ❖ Animal identification, dentition and ageing of animals;
 - ❖ Housing layout or requirements of livestock and poultry;
 - ❖ Computation of ration of livestock of different breeds and age groups in health and disease;
 - ❖ Fodder management and interpretation of feed quality evaluation;
 - ❖ Physical evaluation of livestock health parameters (auscultation, percussion, recording of temperature, pulse, heart rate, respiration rate etc.);
 - ❖ Recording and interpretation of cardiovascular response;
 - ❖ Testing of milk and milk products for quality, clean milk production;
 - ❖ Carcass quality evaluation (ante-mortem & post-mortem examination)
 - ❖ Specific diagnostic tests for zoonotic diseases;
 - ❖ Sample collection, handling and dispatch of biological materials for laboratory examination;
 - ❖ Staining techniques for routine clinico-pathological examinations;
 - ❖ Relating post-mortem lesions to major livestock diseases;
 - ❖ Haematological evaluation (total leukocyte count, differential leukocyte count, haemoglobin, packed cell volume, erythrocyte sedimentation rate etc.) and interpretation;
 - ❖ Tests and their interpretation for haemoprotozoan diseases;
 - ❖ Body fluids collection, examination and interpretation as an aid to diagnosis;
 - ❖ Urine evaluation procedures and interpretation as indicators for diagnosis of diseases;
 - ❖ Faecal examination- procedures and interpretation;
 - ❖ Examination of skin scrapings and interpretation;
 - ❖ Interpretation of blood chemistry profile in diseases;
 - ❖ Deworming procedures and doses for different species of animals or birds;
 - ❖ Managing an outbreak of infectious or contagious disease;
 - ❖ Approach to diagnosis of a given disease condition;
 - ❖ Pre-anaesthetic administration and induction, maintenance of general anaesthesia and dealing with anaesthetic emergencies;

- ❖ Local anaesthetic administration;
- ❖ Nerve blocks- sites, functional application;
- ❖ Suture material, suture pattern and tying knots;
- ❖ Common surgical procedures including dehorning, docking, caesarean section, ovario-hysterectomy, castration, rumenotomy;
- ❖ Application of plaster castor splint for fracture immobilization and other bandaging procedure in large and small animals;
- ❖ Soundness in horses;
- ❖ Rectal examination–palpation of pelvic or abdominal organs in cattle or horses or buffaloes;
- ❖ Detection of oestrus, artificial insemination, pregnancy diagnosis;
- ❖ Management of vaginal or uterine prolapse and dystocia;
- ❖ Andrological examination of bull, handling, preservation and evaluation of semen;
- ❖ Vaccination procedures , vaccination schedules and vaccine types for different diseases;
- ❖ Handling of radiograph, interpretation of a given radiograph of large and small animals;
- ❖ Client management;
- ❖ Managing a clinical practice, ambulatory van, transporting a sick animal requirements, etc.;
- ❖ Dosage regimens of important drugs;
- ❖ Drug administration techniques in different species of animals-oral, parenteral, rectal, intra-peritoneal and intra-uterine;
- ❖ Identification of major livestock or poultry breeds;
- ❖ Measuring climatic parameters and their interpretation;
- ❖ Communication technology tools.

The interns are instructed to carry out the following functions, responsibilities and duties namely:-

- (i) Participation with clinical faculty in the hospital practice;
- (ii) To share the emergency and night duties on rotation in the large and small animal hospitals including Sundays and holidays;
- (iii) Participation with staff of the place of posting in veterinary practice, production or technology;
- (iv) Hands-on diagnostic and treatment procedures for hospitalized cases under the supervision of the attending veterinarian;
- (v) To administer primary care to emergency cases and participate in service such as anaesthesia, radiology, ultrasonography, endoscopy, laboratory and diagnostic procedures, medicine, gynaecology and surgery rounds are held periodically allowing the interns to present cases and participate in topic discussion.

Student READY

Year of implementation	No. of students benefited	Total amount distributed (in lakhs)
2014-15	--	--
2015-16	--	--
2016-17	--	--
2017-18	229	28.50
2018-19	--	--
2019 up to 30.11.2019	--	--

Experiential Learning Programmes

Year	Name of the ELP/	No. of students benefited	Sanctioned amount	Profit sharing details	Criteria for profit
2014-15	ICAR Experiential Learning Centre in Critical Care Medicine	Establishment phase (2014-2017)	Rs. 45 lakhs		
2015-16	-	-	-	-	-
2016-17	Diversified Poultry Production	20	--	Rs.284.50 per student	75 % of the profit will be equally shared
2017-18	Broiler production	11	-	Rs.1000 per student	-
2018-19	Diversified Poultry Production	5	-	Rs.732.00 per student	-
	Broiler production	6	-	Rs.3336.00 per student	-
	ICAR Experiential Learning Centre in Critical Care Medicine (2017-2019)	7 Students	Rs. 18,800/ was distributed to seven Undergraduate students	Rs.250/- will be collected from a case per day (Rs.100 for Student and Rs.150 for university)	Rs. 100/- case per day for attending student
2019 up to 30.11.2019	ICAR Experiential Learning Centre in Critical Care Medicine	30 students enrolled (ongoing)	-	-	-
	Diversified Poultry Production	5	-	Rs.1013.00 per student	

Livestock Farm Complex, Madhavaram Milk Colony, Chennai – 600 051

Year	Name of the ELP/	No. of students benefited	Sanctioned amount (Rs.)	Profit sharing details	Criteria for profit
2014-15	Rabbit Production	12 Nos.	40,000	A sum of Rs.44,000/- (Rs.40,000 seed money + Rs.4,000 profit)	100% of the profit was given to the students
	Pig Production	13 Nos.	70,000	A sum of Rs.80,000/- (Rs.70,000 seed money + Rs.10,000 profit)	
2015-16	-	-	-	-	
2016-17	Turkey Production	8 Nos.	38,510	A sum of Rs.39,213/- (Rs.38,510 seed money + Rs.703 profit)	
	Desi Chicken Production	8 Nos.	66,865	A sum of Rs.74,740/- (Rs.66,865 seed money + Rs.7,875 profit)	
	Pig Production	8 Nos.	70,000	A sum of Rs.78,000/- (Rs.70,000 seed money + Rs.8,000 profit)	
2017-18	-	-	-	-	
2018-19	-	-	-	-	
2019 up to 30.11.2019	Pig Production	16 Nos.	70,000	Funds received on 04.04.2019 and running now.	

Experiential Learning Programmes -Veterinary Clinical Medicine

Year	Name of the ELP/	No. of students benefited	Sanctioned amount	Profit sharing details	Criteria for profit
2014-15	Critical care Medicine - S.C.No. 21142	Scheme under establishment phase			
2015-16	Critical care Medicine - S.C.No. 21142				
2016-17	Critical care Medicine - S.C.No. 21142	120 – UG 12 – PG Faculty – CAFT Training – 49 staffs of SAUs & ICAR	40,00,000/- allotted during the year 2012-13	Rs. 250/Case (Rs. 150/ case to running cost+ Rs. 100/case/ student)	As per HMC/ TANUVAS approval
2017-18	Critical care Medicine - S.C.No. 21142	120 – UG 12 – PG Faculty – CAFT Training – 49 staffs of SAUs & ICAR	40,00,000/- allotted during the year 2012-13	Rs. 250/Case (Rs. 150/ case to running cost+ Rs. 100/case/ student)	As per HMC/ TANUVAS approval
2018-19	Critical care Medicine - S.C.No. 21142	120 – UG 12 – PG Faculty – CAFT Training – 49 staffs of SAUs & ICAR	40,00,000/- allotted during the year 2012-13	Rs. 250/Case (Rs. 150/case to running cost+ Rs. 100/case/student) – Rs. 18,800/- shared by seven enrolled students of final B.V.Sc	As per HMC/ TANUVAS approval
2019 up to 30.11.2019	Critical care Medicine - S.C.No. 21142	120 – UG 12 – PG Faculty – CAFT Training – 49 staffs of SAUs & ICAR	40,00,000/- allotted during the year 2012-13	Rs. 250/Case (Rs. 150/ case to running cost+ Rs. 100/case/ student) – Final B.V.Sc students enrolled in this scheme	As per HMC/ TANUVAS approval

Name of the department: Department of Clinics, Madras Veterinary College, Chennai.

Year	Name of the ELP/	No. of students benefited	Sanctiond amount	Profit sharing details**	Criteria for profit**
2014-15	-	-	-	-	-
2015-16	-	-	-	-	-
2016-17	-	-	-	-	-
2017-18	-	-	-	-	-
2018-19	-	-	-	-	-
2019 up to 30.11.2019	Veterinary Ambulatory Clinical Complex & Animal Blood Bank (VACC- ABB)	110 UG students * Canine Transfusion medicine services 1. Whole blood- 35 2. Packed RBC- 17 3. Platelets- 8 4. Fresh Frozen Plasma- 1 Blood Typing- 24 Blood Cross matching- 70	Seed money : Rs1.00 lakh from ICAR ELU fund USO no 50885/ G4/2014. Proc No6491/ G4/2014 dt 28.03.2014	Profit shared Students – 75% Department –10% Faculty/ Manager/ –15%	Students profit(75 %)

* Final year students were selected and enrolled as per the ICAR ELU scheme norms. These students were oriented onvoluntary canine blood donor programs,veterinary blood banking &hands on transfusion activities including Fresh whole blood, Fresh Frozen Plasma, Platelets, Packed R.B.C’S, Canine blood typing in the MVCTH wards as a programme of ELU activity.

** **Profit sharing as per TANUVAS USO(2014)**

S. No	Criteria for Profit Per Transfusion	Amount (Rs)
1	Blood transfusion charges collected per transfusion	1000 /-
2	Blood transfusion procedure cost involved per case (includes blood collection bags, disposables, cross matching ,transfusion)	800 /-
3	Profit per transfusion(Rupees	200 /-
4	Students profit(75 % of total profit)	150 / -
5	Department + faculty	50 / -

The ICAR ELU on Veterinary Blood Banking was carried out in the TANUVAS Animal Blood Bank, Dept of Clinics, Madras Veterinary College, Chennai 7 during the year 2019

6.5.3.4. Curricula Delivery Through IT (smart class rooms/interactive board etc.): Whether the College is using smart class rooms/interactive board etc. for teaching and practical. Number of class rooms upgraded as smart class rooms should be mentioned.

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

Student day care centre

Year of implementation	No. of classes converted to smart class	No. of smart boards available in the student day care
2014-15	--	--
2015-16	--	--
2016-17	--	--
2017-18	09	--
2018-19	--	--
2019 up to 30.11.2019	03	03

6.5.4. Student Development

Student Development at the College directs its educational efforts at fostering the intellect and character of students by integrating in-class and co-curricular experiences. To accomplish this, the College provides a wide range of educational experiences through programs and activities that complement and support the academic experience in the classroom.

6.5.4.1. Student Intake and Attrition: The information about student intake and attrition, for the College as a whole but separated in UG, PG and PhD categories shall be provided in tabular form for last five years.

Year	Programme of study	Student intake	Student attrition	Percentage of attrition
2014-15	UG	130	85	65.39
	PG	82	03	3.66
	Ph.D	22	02	9.10
2015-16	UG	133	38	28.57
	PG	90	02	2.22
	Ph.D	31	02	6.45
2016-17	UG	128	--	--
	PG	68	02	2.94
	Ph.D	17	01	5.88
2017-18	UG	129	--	--
	PG	73	01	1.37
	Ph.D	36	01	2.78
2018-19	UG	127	05	3.94
	PG	48	17	35.42
	Ph.D	33	--	--
2019 up to 30.11.2019	UG	127	--	--
	PG	43	07	16.28
	Ph.D	27	01	3.70

6.5.4.2. Average Number of Students in Theory and Practical Classes: Mention the Degree Programme-wise number of students sitting in a class for theory and practical, separately in tabular form.

Under-graduate -

S. No.	Year	Name of the Degree Programme	Batch/Number of students in theory class (eg. 2 batches/80 students)	Batch/ Number of students in practical class (eg. 1 batch/20 students)
1	2014-15	B.V.Sc. & A.H	1 batch / 45 students	1 batch / 22 students
2	2015-16	B.V.Sc. & A.H	2 batches / 65 students	1 batch / 32 students
3	2016-17	B.V.Sc. & A.H	2 batches / 67 students	1 batch / 33 students
4	2017-18	B.V.Sc. & A.H	2 batches / 60 students	1 batch / 30 students
5	2018-19	B.V.Sc. & A.H	2 batches / 60 students	1 batch / 30 students
6	2019 up to 30.11.2019	B.V.Sc. & A.H	2 batches / 67 students	1 batch / 33 students

M.V.Sc. and Ph.D. Programmes

Name of the Degree Programme	Batch/Number of students in theory class	Batch/ Number of students in practical class
2014-2015		
AGB (M.V.Sc)	3	3
ANN (M.V.Sc)	1	1
VOG (M.V.Sc)	3	3
LPM (M.V.Sc)	2	2
LPT (DSC) (M.V.Sc)	6	6
LPT (MST) (M.V.Sc)	5	5
PSC (M.V.Sc)	6	6
VAN (M.V.Sc)	2	2
VAE (M.V.Sc)	2	2
VBC (M.V.Sc.)	2	2
VCM (M.V.Sc)	5	5
VMC (M.V.Sc)	2	2
VPA (M.V.Sc)	3	3
VPP (M.V.Sc)	2	1
VPT (M.V.Sc)	3	3
VPY (M.V.Sc)	3	3
VEP (M.V.Sc)	2	2
VPH (M.V.Sc)	2	2
VSR (M.V.Sc)	7	4
ABT (M.V.Sc)	5	5
AHE (M.V.Sc)	4	4
AHSCA (M.V.Sc)	4	4
WLS (M.V.Sc)	4	4
AGB (Ph.D.)	0	0
ANN (Ph.D.)	2	2
VOG (Ph.D.)	3	33

LPM (Ph.D.)	1	1
LPT (DSC) (Ph.D.)	2	2
LPT (MST) (Ph.D.)	1	1
PSC (Ph.D.)	2	2
VAN (Ph.D.)	1	1
VAE (Ph.D.)	0	0
VBC (Ph.D.)	0	0
VCM (Ph.D.)	4	4
VMC(Ph.D.)	1	1
VPA (Ph.D.)	0	0
VPP (Ph.D.)	1	1
VPT (Ph.D.)	1	1
VPY (Ph.D.)	0	0
VEP (Ph.D.)	0	0
VPH (Ph.D.)	0	0
VSR (Ph.D.)	2	2
ABT (Ph.D.)	1	1
AHE (Ph.D.)	0	0
WLS (Ph.D.)	1	1
2015-2016		
AGB (M.V.Sc)	5	5
ANN (M.V.Sc)	3	3
VOG (M.V.Sc)	3	3
LPM (M.V.Sc)	2	2
LPT (DSC) (M.V.Sc)	8	8
LPT (MST) (M.V.Sc)	7	7
PSC (M.V.Sc)	7	7
VAN (M.V.Sc)	4	4
VAE (M.V.Sc)	3	3
VBC (M.V.Sc.)	3	3
VCM (M.V.Sc)	4	4
VMC (M.V.Sc)	2	2
VPA (M.V.Sc)	3	3
VPP (M.V.Sc)	5	1
VPT (M.V.Sc)	3	3
VPY (M.V.Sc)	3	3
VEP (M.V.Sc)	2	2
VPH (M.V.Sc)	2	2
VSR (M.V.Sc)	7	4
ABT(M.V.Sc)	3	3
AHE (M.V.Sc)	0	0
AHSCA (M.V.Sc)	6	6
WLS (M.V.Sc)	5	5
AGB (Ph.D.)	0	0
ANN (Ph.D.)	2	2
VOG (Ph.D.)	3	3

LPM (Ph.D.)	0	0
LPT (DSC) (Ph.D.)	1	1
LPT (MST) (Ph.D.)	1	1
PSC (Ph.D.)	0	0
VAN (Ph.D.)	0	0
VAE (Ph.D.)	0	0
VBC (Ph.D.)	0	0
VCM (Ph.D.)	2	2
VMC(Ph.D.)	1	1
VPA (Ph.D.)	3	3
VPP (Ph.D.)	2	1
VPT (Ph.D.)	3	3
VPY (Ph.D.)	0	0
VEP (Ph.D.)	2	2
VPH (Ph.D.)	0	0
VSR (Ph.D.)	2	2
ABT (Ph.D.)	4	4
AHE (Ph.D.)	0	0
WLS (Ph.D.)	2	2
2016-2017		
AGB (M.V.Sc)	2	2
ANN (M.V.Sc)	3	3
VOG (M.V.Sc)	6	6
LPM (M.V.Sc)	5	5
LPT (DSC) (M.V.Sc)	6	6
LPT (MST) (M.V.Sc)	6	6
PSC (M.V.Sc)	5	5
VAN (M.V.Sc)	2	2
VAE (M.V.Sc)	1	1
VBC (M.V.Sc)	1	1
VCM (M.V.Sc)	5	5
VMC (M.V.Sc)	5	5
VPA (M.V.Sc)	2	2
VPP (M.V.Sc)	2	1
VPT (M.V.Sc)	2	2
VPY (M.V.Sc)	2	2
VEP (M.V.Sc)	2	2
VPH (M.V.Sc)	2	2
VSR (M.V.Sc)	7	4
ABT (M.V.Sc)	4	4
M.Sc. (BT)	2	2
AHE (M.V.Sc)	2	2
AHSCA (M.V.Sc)	5	5
WLS (M.V.Sc)	5	5
AGB (Ph.D.)	0	0
ANN (Ph.D.)	0	0

VOG (Ph.D.)	3	3
LPM (Ph.D.)	0	0
LPT (DSC) (Ph.D.)	0	0
LPT (MST) (Ph.D.)	2	2
PSC (Ph.D.)	1	1
VAN (Ph.D.)	0	0
VAE (Ph.D.)	1	1
VBC (Ph.D.)	1	1
VCM (Ph.D.)	1	1
VMC(Ph.D.)	3	3
VPA (Ph.D.)	1	1
VPP (Ph.D.)	4	1
VPT (Ph.D.)	0	0
VPY (Ph.D.)	0	0
VEP (Ph.D.)	1	1
VPH (Ph.D.)	1	1
VSR (Ph.D.)	2	2
ABT (Ph.D.)	2	2
Ph.D. (BT)	2	2
AHE (Ph.D.)	3	3
WLS (Ph.D.)	2	2
2017-2018		
AGB (M.V.Sc)	3	3
ANN (M.V.Sc)	3	3
VOG (M.V.Sc)	3	3
LPM (M.V.Sc)	1	1
LPT (DSC) (M.V.Sc)	8	8
LPT (MST) (M.V.Sc)	3	3
PSC (M.V.Sc)	6	6
VAN (M.V.Sc)	3	3
VAE (M.V.Sc)	3	3
VBC (M.V.Sc.)	1	1
VCM (M.V.Sc)	7	7
VMC (M.V.Sc)	4	4
VPA (M.V.Sc)	3	3
VPP (M.V.Sc)	3	1
VPT (M.V.Sc)	4	4
VPY (M.V.Sc)	3	3
VEP (M.V.Sc)	0	0
VPH (M.V.Sc)	3	3
VSR (M.V.Sc)	6	4
ABT (M.V.Sc)	2	2
AHE (M.V.Sc)	1	1
AHSCA (M.V.Sc)	3	3
WLS (M.V.Sc)	1	1
AGB (Ph.D.)	3	3

ANN (Ph.D.)	3	3
VOG (Ph.D.)	2	2
LPM (Ph.D.)	1	1
LPT (DSC) (Ph.D.)	2	2
LPT (MST) (Ph.D.)	2	2
PSC (Ph.D.)	0	0
VAN (Ph.D.)	2	2
VAE (Ph.D.)	2	2
VBC (Ph.D.)	0	0
VCM (Ph.D.)	0	0
VMC(Ph.D.)	1	1
VPA (Ph.D.)	2	2
VPP (Ph.D.)	3	1
VPT (Ph.D.)	3	3
VPY (Ph.D.)	0	0
VEP (Ph.D.)	0	0
VPH (Ph.D.)	2	2
VSR (Ph.D.)	2	2
ABT (Ph.D.)	2	2
Ph.D. (BT)	2	2
AHE (Ph.D.)	1	1
WLS (Ph.D.)	0	0
2018-2019		
AGB (M.V.Sc)	1	1
ANN (M.V.Sc)	1	1
VOG (M.V.Sc)	3	3
LPM (M.V.Sc)	3	3
LPT (DSC) (M.V.Sc)	2	2
LPT (MST) (M.V.Sc)	1	1
PSC (M.V.Sc)	3	3
VAN (M.V.Sc)	0	0
VAE (M.V.Sc)	0	0
VBC (M.V.Sc.)	0	0
VCM (M.V.Sc)	2	2
VMC (M.V.Sc)	2	2
VPA (M.V.Sc)	2	2
VPP (M.V.Sc)	5	1
VPT (M.V.Sc)	3	3
VPY (M.V.Sc)	1	1
VEP (M.V.Sc)	1	1
VPH (M.V.Sc)	1	1
VSR (M.V.Sc)	4	4
ABT (M.V.Sc)	0	0
AHE (M.V.Sc)	2	2
AHSCA (M.V.Sc)	1	1
WLS (M.V.Sc)	1	1

AGB (Ph.D.)	2	2
ANN (Ph.D.)	2	2
VOG (Ph.D.)	2	2
LPM (Ph.D.)	1	1
LPT (DSC) (Ph.D.)	0	0
LPT (MST) (Ph.D.)	1	1
PSC (Ph.D.)	0	0
VAN (Ph.D.)	2	2
VAE (Ph.D.)	1	1
VBC (Ph.D.)	0	0
VCM (Ph.D.)	0	0
VMC(Ph.D.)	2	2
VPA (Ph.D.)	0	0
VPP (Ph.D.)	3	1
VPT (Ph.D.)	3	3
VPY (Ph.D.)	3	3
VEP (Ph.D.)	1	1
VPH (Ph.D.)	0	0
VSR (Ph.D.)	0	0
ABT (Ph.D.)	1	1
Ph.D. (BT)	2	2
AHE (Ph.D.)	1	1
WLS (Ph.D.)	2	2
2019-2020		
AGB (M.V.Sc)	3	3
ANN (M.V.Sc)	3	3
VOG (M.V.Sc)	3	3
LPM (M.V.Sc)	1	1
LPT (DSC) (M.V.Sc)	1	1
LPT (MST) (M.V.Sc)	5	5
PSC (M.V.Sc)	3	3
VAN (M.V.Sc)	0	0
VAE (M.V.Sc)	0	0
VBC (M.V.Sc)	0	0
VCM (M.V.Sc)	5	5
VMC (M.V.Sc)	1	1
VPA (M.V.Sc)	0	0
VPP (M.V.Sc)	5	1
VPT (M.V.Sc)	2	2
VPY (M.V.Sc)	1	1
VEP (M.V.Sc)	0	0
VPH (M.V.Sc)	2	2
VSR (M.V.Sc)	6	4
ABT (M.V.Sc)	0	0
AHE (M.V.Sc)	3	3
AHSCA (M.V.Sc)	0	0

WLS (M.V.Sc)	1	1
AGB (Ph.D.)	2	2
ANN (Ph.D.)	0	0
VOG (Ph.D.)	0	0
LPM (Ph.D.)	1	1
LPT (DSC) (Ph.D.)	0	0
LPT (MST) (Ph.D.)	0	0
PSC (Ph.D.)	0	0
VAN (Ph.D.)	3	3
VAE (Ph.D.)	0	0
VBC (Ph.D.)	1	1
VCM (Ph.D.)	1	1
VMC(Ph.D.)	1	1
VPA (Ph.D.)	0	0
VPP (Ph.D.)	3	1
VPT (Ph.D.)	1	1
VPY (Ph.D.)	1	1
VEP (Ph.D.)	2	2
VPH (Ph.D.)	0	0
VSR (Ph.D.)	2	2
ABT (Ph.D.)	3	3
Ph.D. (BT)	4	4
AHE (Ph.D.)	0	0
WLS (Ph.D.)	2	2

6.5.4.3. Admission Process: Clearly give complete mechanism of admission for UG, PG and PhD programmes, fee payment mechanism, registration procedure, academic schedule publication at the start of the semester etc. Write information in one page only.

A. ADMISSION: UNDERGRADUATE (B.V.SC., & A.H):

I. Admission for Tamil Nadu State Students: Eligibility criteria

Sl. No	Academic stream subjects	Vocational stream subjects	Eligible minimum marks (%)			
			OC	BC/ BCM	MBC/ DNC	SC/ SCA/ ST
1.	Biology or Botany and Zoology	Biology	60	60	55	Pass
2.	Physics & Chemistry taken together	Vocational subjects- Agricultural Practices/Poultry/ Dairying (Total marks of Vocational subjects -300 (ie.,- Theory, Practical-I and II divided by 3)	60	60	55	Pass
B.V.Sc & AH -Aggregate of (1) and (2) to be not less than			70	65	60	Pass

Mode of selection

Candidates will be selected on the basis of their HSC marks

Subjects	B.V.Sc., AH		B.Tech
	Marks in		
	Academic stream	Vocational Stream	Academic stream
Mathematics	-	-	50
Biology or Botany and Zoology	100	100	50
Physics	100	-	50
Chemistry	Physics and Chemistry together	-	50
Vocational Subjects	-	100 (Theory, Practical I and II)	-
Total	200 *	200	200

Marks obtained in biology will be taken as it is, marks obtained in Physics and Chemistry together will be divided by two candidates have to apply through Online mode only. Notification will be tentatively made during the second week of May in the university website (www.tanuv.ac.in).

- ❖ **Age limit** - Candidates of SC, SC(A) and ST - No age limit and for other Candidates – 21 years.

The rank list will be published in the Website - www.tanuv.ac.in. and counselling will be conducted for the selection of colleges.

- ❖ Total number of seats allotted per year – 120 students. (85% of the seats for Tamil Nadu candidates and remaining 15% of the seats filled as per VCI norms). Over and above the allotted seats 2 Kashmiri migrants and NRI/ Foreign National students as per University norms are admitted.

I. For VCI Quota students

- ❖ For 15% of the total seats for B.V.Sc., & AH will be selected by the Veterinary Council of India through NEET.

II. NON-RESIDENT INDIANS (NRIs) / wards of NRIs / NRI sponsored category and Foreign nationals

- ❖ Selection is made on the basis of the merit in the qualifying examination and entrance examination conducted by the University
- ❖ Apart from the fee structure (below) NRI and foreign nationals have to pay separate fees as Institutional development fees.

B. FEES STRUCTURE & PAYMENT MECHANISM (in Rupees)

Year	I	II	III	IV	V	Total
B.V.Sc., & AH	21,415	17590	17950	26860	12000	95815

- ❖ The fees are paid by the students via Union Bank of India, MVC vepary in the name of Dean, MVC, Vepary, Chennai

C. ACADEMIC SCHEDULE

- ❖ At the start of every professional year the academic schedule is prepared and circulated to all the concerned students and faculties in order to enhance their performance in academic stream.

6.5.4.4. Conduct of Practical and Hands on Training

Mention the brief report on how the practical and hand-on-training is being conducted in different courses to meet the student satisfaction. Write information in one page only.

Sl. No.	Name of the Department	Details
1.	AGB	<ul style="list-style-type: none">❖ For UG students, we demonstrate the procedure of short term leucocyte culture and karyotyping of livestock species, in Cytogenetics lab❖ For PG students, in Molecular Genetics lab, hands-on training on molecular techniques like isolation of DNA and RNA, Polymerase chain reaction (PCR), Restriction Fragment Length Polymorphism (RFLP), Multiplex PCR, Agarose gel electrophoresis are given.❖ Under Biometry, the PG students are taught to carry out various biometrical analysis and use of software pertaining to analysis of animal breeding data
2.	LPM	<ul style="list-style-type: none">❖ First using Audio-visual aids on handling, restraining, housing, breeds, etc❖ By demonstration at laboratory with available equipment and facilities❖ Taking students to Livestock farm complex for hands on training❖ Using charts for identification of various breeds of all species❖ Using 3D models for housing of animals
3.	LPT (DSC)	<ul style="list-style-type: none">❖ For the UG course, practical are covered as practical session of 2 hours per week during the entire course.❖ Dairy plant visits are being arranged at Tamil Nadu Co-operative Milk Producers' Union Ltd dairy plants at Chennai for the UG students during the practical classes as well as internship training programmes.❖ During Internship training, UG students undergo hands on training for a period of 6 days as per VCI norms❖ Similarly for PG and Ph.D., one or two sessions of 2 hour/ week as per the course requirement is followed❖ PG students undergo In-Plant training as Non-credit course in Government as well as Private Dairy plants for a period of 2 - 3 weeks
4.	LPT (MST)	<ul style="list-style-type: none">❖ Every UG, PG and Ph.D. student is made to perform the tests required for assessing the keeping quality/ shelf life of meat and meat products and sensory evaluation of the products by subjective and objective methods.❖ Slaughter and dressing of food animals and birds are being demonstrated. Live animal inspection and carcass inspection are being conducted by the UG, PG and Ph.D. students during the practical classes.❖ PowerPoint and video presentations related to the subject are also delivered during the UG and PG classes.❖ Miniature models regarding slaughter house/Rendering plant/ Effluent treatment plant and posters related to the academics are on display for the knowledge of the students.❖ Fabrication of carcasses of food animals are being demonstrated during the practical classes. Models of beef, pork and chicken carcasses are utilised for giving hands on training to the students for fabrication of carcasses.

5.	PSC	<ul style="list-style-type: none"> ❖ Hands on training on poultry management are given at the available poultry farm ❖ Egg break open studies are being done by all the students in the department laboratory ❖ Available incubator is being used for studying incubation and hatching studies ❖ All students are being provided with practical manual as a record book.
6.	VAN	<ul style="list-style-type: none"> ❖ Osteology Practical are conducted using Disarticulated bones of different species prepared by maceration technique ❖ Dissection practical are conducted using embalmed cattle cadavers obtained through willed body programme ❖ Interactive CD-ROM developed in the in the Department of Veterinary Anatomy are also utilized viz. “CD-ROM on Regional Dissection of Ox” and “e-atlas on Histology.
7.	EXT	<ul style="list-style-type: none"> ❖ Conduct of PRA for imparting skill in problem identification and data collection in the nearby villages ❖ Educating the students on conduct of Educational campaign ❖ Use of Smart board for theory and practical classes ❖ Hands on training in designing and preparation of teaching aids through computers and Adobe photoshop software ❖ Hands on training in photography and videography and short films were produced
8.	VMC	<ul style="list-style-type: none"> ❖ First practical exercise is discussed theoretically ❖ Then entire batch of students are divided into small groups (6/group) ❖ Then the practical exercise is demonstrated to all the small groups ❖ All the students are instructed to do the practical individually ❖ The teacher monitors and guides the students during practical class and verifies the practical observation note book at the end of practical class.
9.	VPA	<ul style="list-style-type: none"> ❖ UG/PG students are encouraged for hands on experiences of various parasitological techniques viz., faecal examination, egg counting methods and coproculture techniques ❖ Instructed to collect live parasites from slaughter house/PM to process and identify the commonly prevalent helminths and arthropods (insects, ticks/skin scrapings) ❖ Staining methods (Leishman/Giemsa/Modified Ziehl Neelsen/Acridine orange) for the detection of protozoan parasites are carried out by the students ❖ Preparation of parasitic antigens and their purification, various serological tests (CIE, ELISA, LAT, LFA) and molecular techniques (PCR assay) for the diagnosis of parasitic diseases, anthelmintic/ acaricide resistance detection methods are carried out by PG students ❖ In addition to the use of interactive modules for life cycle and control of parasites, flash cards, Flip books and Problem based learning modules are also used for UG/PG teaching
10.	VPT	<ul style="list-style-type: none"> ❖ Students are trained in in vivo experiments and pharmacological models using laboratory animals, with due permission from Institutional Animal Ethics Committee ❖ Students are given hands on training in in vitro testing methods such isolated organ bath techniques and toxicity tests such as Ames test. ❖ Use of computer software such as ExPharm and EP Dog, working out pharmacokinetic calculations and to analyse drug activity ❖ Visits to GLP laboratories and pharma-based industry to prepare them for their career ❖ Hands on training on instrumentation such as HPLC, ELISA, Gas Chromatography which are important for their career in research / industry

11.	VPY	<ul style="list-style-type: none"> ❖ UG – students are taught to handle microscope on enumeration of blood cells, sperm and rumen protozoa. ❖ They were trained to collect blood from veterinary subjects and collect rumen liquor from adult ruminants. ❖ They are being trained to analyze biochemical constituents in physiological samples. ❖ PG scholars are trained to analyze electrolytes, enzymes, blood and urine biochemicals, rumen liquor assay using spectrophotometric procedures, electrophoretic procedures and microscopic examinations. ❖ Ph.D. scholars are trained to undertake procedures to analyse proteomic and genomic assays in physiological samples.
12.	VEP	<ul style="list-style-type: none"> ❖ Serological tests like ELISA was carried out by M.V.Sc., students as hands – on training ❖ PCR was carried out on samples taken from Infectious Disease Unit, MVCTH, MVC as hands –on training ❖ RT PCR on tissue samples suspected of ND virus carried out by Ph.D. students during Practical hours ❖ No practical class for UG students since courses are 2+0 (Waiting for MSVE 2016 batches for practical classes)
13.	VPH	<ul style="list-style-type: none"> ❖ According to the syllabus and the practical record, each exercise will be taught to them about principles, results interpretation etc. and then hands on practical will be conducted to the Ug students. ❖ Each individual student will be provided with samples concern, either Milk, Meat, Egg or water sample to proceed with practical like Food safety (culture, isolation and identification of contaminating pathogens, quality testing assay etc.) ❖ Molecular screening and diagnosis of Zoonotic pathogen will conducted to PG and Ph.D. students ❖ Epidemiological survey and analytical methods are practiced by the PG and Ph.D. students, specifically for most prevalent diseases ❖ Practical are conducted to PG and Ph.D. students on screen Antimicrobial Resistance and molecular markers in pathogens contaminating foods of animal origin by conventional and molecular method
14.	VSR	<ul style="list-style-type: none"> ❖ PG students go on rotation to various surgical units viz. small animal soft tissue surgery, small animal orthopaedics, small animal ophthalmology, radiology and diagnostic imaging and large animal surgery ❖ PG students also present clinical cases every fortnight and a clinical discussion forum on the latest scientific developments in treatment of such cases are discussed ❖ Hands on training is also provided by cadaveric samples as well as live surgical techniques ❖ Hands on training on diagnostic imaging procedures is also provided by making them individually to do a procedure during their rotation and provide interpretation of radiographs and ultrasound images
15.	ABT	<ul style="list-style-type: none"> ❖ The technique to be demonstrated is first explained to the PG students along with the principle and the need for the different reagents / kits used in this experiment ❖ After explanation, the PG / Ph.D. students are divided into small groups for performing the experiments. ❖ The results of the experiments / practical are explained to the students so that they are able to generate data for interpretation ❖ The results in the form of photograph /data/calculation to be incorporated in the practical notebook as a future reference

16.	AHE	<ul style="list-style-type: none"> ❖ Practical classes are conducted in PG computer lab ❖ Every student is provided with a system having internet connectivity ❖ Practical exercises are practiced, both manual and computerized ❖ Hands on Training with MS Excel and SPSS software
17.	AHSCA	<ul style="list-style-type: none"> ❖ Exercises in descriptive and inferential statistics – One problem being explained ❖ Another problem given for the students to do by themselves ❖ Home works based on in-class exercises ❖ Hands on training in computer operations and applications
18.	WLS	<ul style="list-style-type: none"> ❖ Students attend the Avian and Exotic Pet Unit at MVC hospital complex and get hands on training on treatment of avian and other exotic pets like turtles, rabbits, hamsters, <i>etc.</i> ❖ Students will be taken for zoo visit (Arignar Anna Zoological Park, Vandalur and Chennai Snake Park Trust, Guindy) and get hands on training on treatment, care and management of wildlife in captivity ❖ With restraint gadgets and animals models available at the department, practical classes are conducted for the students on restraint of wild animals. ❖ Wildlife museum is available in the department for the benefit of students showcasing various specimens
19.	VGO	<ul style="list-style-type: none"> ❖ Hands on Practical training in clinics (Pregnancy Diagnosis, Infertility Examination, Obstetrics, Breeding soundness examination) ❖ Practical training using slaughter house specimens (IVF, Ovum culture) ❖ Practical training using models (Torsion models, Phantom box) ❖ Hands on Training (Semen analysis, Embryo transfer etc) ❖ Practical training using instruments (Obstetrical instruments and andrological instruments)
20.	VPP	<ul style="list-style-type: none"> ❖ Necropsy techniques includes necropsy of different animals, sample collection, Tissue processing for histopathology, special staining etc.-Concept notes and theory in theory classes followed by practical demonstration and hands on training in practical hours. ❖ Wild animal necropsy procedures and forensic pathology- Concept notes and theory in theory classes followed by practical demonstration and hands on training in practical hours. ❖ Immunohistochemistry and interpretations - Concept notes and theory in theory classes followed by practical demonstration and hands on training in practical hours. ❖ Histopathology slide reading and interpretation training- Concept notes and theory in theory classes followed by practical demonstration and hands on training in practical hours. ❖ Clinical pathology includes haematology, serum biochemistry, tumor cytology, urinology, faecal examination and interpretation- Concept notes and theory in theory classes followed by practical demonstration and hands on training in practical hours. ❖ Molecular pathology and toxicopathology- Concept notes and theory in theory classes followed by practical demonstration and hands on training in practical hours.

21.	Clinics	<ul style="list-style-type: none"> ❖ Clinical Demonstration ❖ Making the students to do and learn the clinical activities under the staffs guidance ❖ By showing simulation or information videos on a particular clinical procedure ❖ Interactive and group activities ❖ Clinical coaching and mentoring ❖ Cadaver practice
22.	VBC	<ul style="list-style-type: none"> ❖ The undergraduate students are given a brief introduction about the experiment to be done in that practical class with its principle, methodology and application. ❖ Then, each batch of students are sub-divided into groups of 2 to carry out biochemical experiments like titration, qualitative and other quantitative analysis, so as to monitor that each student is exposed to the experiment and can carry it out individually. ❖ As per VCI guidelines those experiments / analytical techniques that are to be shown as demonstration to the students are done with 15 students in one batch. They are explained briefly the theoretical background and the analytical protocol, after which the demonstration is carried out. ❖ The students undergoing Veterinary Laboratory Diagnosis course are explained about the different methods for estimating serum biochemical parameters, its clinical significance and relevance in disease diagnosis. Clinical case discussions are carried out to correlate the disease conditions and the associated alterations in the biochemical and metabolic pathways and the students are sub-divided into groups of 4 to carry out the experiment. ❖ The post graduate students are exposed to the advanced techniques used for the protein purification, identification and structural analysis; DNA quantification and its downstream molecular applications, etc. Teaching kits, if available along with the traditional conventional methods are used for hands on training.

6.5.4.5. Examination and Evaluation Process: The evaluation of students' performance is a central task of College administration. A brief report on examination and evaluation process for UG, PG and PhD is given separately mentioning external/internal components. System of evaluation should clearly be mentioned for UG, PG and PhD.

As per the evaluation norms of VCI for undergraduate and as per ICAR PG regulation for postgraduate students

Undergraduate (B.V.Sc., & A.H)

- ❖ **MSVE 2008 syllabus:** Four and half years of course work and six months internship (Two- semesters/year except fourth year). Two internal theory and practical exams followed by One Annual Board examination (Theory & Practical) which is being conducted in every academic year and the answer sheets are evaluated by external faculties at University Head quarters.
- ❖ **MSVE 2016 syllabus:** three mid-term tests theory followed by One Annual Board examination which is being conducted in every academic year and the answer sheets are evaluated by external faculty (theory) at University Head-quarters.
- ❖ For practical courses, Veterinary Clinical Practice, Veterinary Laboratory diagnosis courses practical exams are conducted as per the regulations of MSVE 2008 & MSVE 2016 based on the academic year it acted upon.

Postgraduate (M.V.Sc.,)

- ❖ There are totally four semesters. In first two semesters there will be an internal examination after 55th working day and the final university examinations will be conducted within 110th working day (Last working day). The correction of the answer sheets will be done at the university level by the University deputed faculty.
- ❖ The third and fourth semester research part will be carried out along with one credit seminar. The final thesis will be submitted at the end of fourth semester. The thesis will be sent to external faculty (From outside university) for the correction and approval.

Doctoral Programme (Ph.D.,)

The degree normally requires three years of full time study (two-semester per year), which includes course work, research and thesis submission. Internal examination for every semester followed by Final semester examination conducted by the University. Comprehensive Qualifying Examination (CQE) on completion of 60% of the course work and two-credit seminars to be presented.

6.5.4.6. NCC/NSS/RVC Units: Clearly mention the existence and functioning of these units and how it is benefiting the student development. A brief report should be given (without photographs).

NCC

Structure		Objectives/ Functions of NSS (in bullets)
Position	Name and designation	
Associate NCC Officer	Dr. R. Balamurugan, Associate NCC Officer, 1 (TN) R&V Sqn NCC, Madras Veterinary College, Chennai- 600 007.	<ol style="list-style-type: none">1. To impart the NCC training to the NCC cadets2. To impart the horse riding training to the NCC cadets3. To providing the Guard of Honour to Honourable Governor of Excellency Tamil Nadu at Convocation function.4. To motivate the cadets to participate the Republic Day parade function.5. To motivate the NCC cadets to join the armed forces
Associate NCC Officer	Dr. A. Elaiyaraja Associate NCC Officer, 1 (TN) R&V Sqn NCC, Madras Veterinary College, Chennai- 600 007.	

Students who received recognitions / Awards / Medals

NCC

Year	Name of student	Details of the awards / recognitions			
		College Level	University Level	National Level	International Level
2014-15	-	-	-	-	-
2015-16	D. Kavinkumar (2013-14 Batch)	-	-	Participated RDC camp	-
2016-17	D. Kavinkumar (2013-14 Batch)	-	-	Selected for RDC camp	-
2017-18	-	-	-	-	-
2018-19	-	-	-	-	-
2019 upto 30.11.2019	-	-	-	-	-

Year wise activities of NCC and Outcome / Benefit for student development

S.No	Year	Name of the Programme	Venue and date	Resource person	No. of Students participated
1	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
2	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
3	2014-15	National Integration Camp II	20 Jan 2015 to 31 Jan 2015 at Noida.	Army Officers of National Integration Camp II	10
4	2015-16	Yoga training programme	24 Apr 2015 to 08 May 2015 Madras Veterinary College, Chennai.	Dr. R. Balamurugan & Indumathi, Isha Yoga Maiyam.	95
5	2015-16	International Yoga Day celebration	21 June 2015 at Madras Medical College, Chennai.	Dr. R. Balamurugan & Indumathi, Isha Yoga Maiyam.	90
6	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
7	2015-16	Combined Annual Training Camp cum National Games Launch	25 th September 2015 to 04 th 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
8	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
9	2016-17	Combined Annual Training Camp cum National Games Launch	05 th October 2016 to 14 th 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

10	2016-17	Pinkathon Chennai-2016 3 k.m. and 5 k.m. running programme	5 th June 2016 at Island Grounds, Chennai	Dr. R. Balamurugan, Pinkathon officials	20
11	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
12	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
13	2017-18	Combined Annual Training Camp	05 th October 2017 to 14 th October 2017 at Jain Vidyaashram, Puzhal	Army Officers of 1(TN) R&V Sqn NCC, Madhavaram milk colony, Chennai- 600 051.	14
14	2017-18	Combined Annual Training Camp	24 th November 2017 to 03 th 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
15	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
16	2017-18	Pinkathon Chennai-2017	2 nd July 2017 at Island Grounds, Chennai	Dr. R.Balamurugan, Pinkathon officials	20
17	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
18	2018-19	Combined Annual Training Camp	09 th September 2018 to 18 th 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
19	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

20	2018-19	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. A. Elaiyaraja, NCC Unit, 1(TN) R&V Sqn, NCC, Madras Veterinary College, Chennai -600 007	35
21	2018-19	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
22	2018-19	Pinkathon Chennai-2018	5 th August 2018 at Island Grounds, Chennai.	Dr. R.Balamurugan, Pinkathon officials	20
23	2018-19	Blood donation camp 2018	30.11.2018.at Stanley Medical College, Chennai.	Dr. R.Balamurugan,	16
24	2019 upto 30.11.2019	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
25	2019 upto 30.11.2019	Combined Annual Training Camp	01 October 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
26	2019 upto 30.11.2019	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

Structure		Objectives/ Functions of NSS (in bullets)
Position	Name and designation	<ul style="list-style-type: none"> ❖ To enable the students to understand the community in which they work ❖ To understand themselves in relation to their community ❖ To identify the needs and problems of the community and the solution to them ❖ To develop competence required for group living and sharing responsibilities ❖ To acquire leadership qualities and democratic attitude ❖ To encourage national integration and develop the capacity to meet emergencies and national disasters.
Programme Co-ordinator	Dr. S. Meenakshi Sundaram, Ph. D Professor and Head, Livestock Farm Complex, TANUVAS, Chennai-600051	
Programme officer	Dr. K. Nagarajan, Ph. D. Assistant Professor, Department of Veterinary Pathology, Madras Veterinary College, Vepery, Chennai-7	
Programme officer	Dr. A. Yasotha, Ph. D. Assistant Professor, Department of Livestock Production and Management Madras Veterinary College, Chennai-600 007.	
Programme officer	Dr. S. Rangasamy, Ph. D. Assistant Professor, Dept. of Veterinary Gynaecology and Obstetrics, Madras Veterinary College, Chennai-600007	
Programme officer	Dr. Elamurugan Appavoo, Ph. D. Assistant Professor, Department of Veterinary Microbiology, Madras Veterinary College, Vepery, Chennai-7	

Year-wise activities of NSS		Outcome/benefit for student development
Year	Activity (add rows as required)	
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
	Donation of clothes	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 pre-final 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 Pudukh, 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	Dr. M. Manimaran , 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.
2015-16	Tree Plantation	No. of saplings planted-100
	Blood Donation	No. of Camps-Given on demand No. of Units of Blood donated-34
	Veterinary service at Pinjarapole	No. of Volunteers participated-20 No. of animals attended-350
	Participation in Health/ Eye/ Dental Camps	No. of Camps-2 No. of Volunteers participated-240
	Awareness Programmes/ Rallies/ Campaigns	No. of Programmes-5 No. of Volunteers participated-485
	Swatcha Bharat/Manual Labour activities	No. of Programmes-1 No. of Volunteers-25
	Self-Defence Training	No. of Volunteers trained -55
	Personality Development/ Leadership programmes	No. of Volunteers trained -120
	Competitions	No. of Programmes-3 No. of Volunteers participated-150
	Yoga Awareness and Action programme, Meditation camp	No. of Programmes-2 No. of Volunteers trained -50

	Veterinary health camps	No. of Programmes-8 No. of Volunteers participated-108 No. of animals attended-1362
	Flood relief camp	No. of Programmes-3 No. of Volunteers participated-50 No. of animals attended-878 Number of victims benefitted-450
	World zoonoses day and World Rabies day – Anti rabies vaccination	No. of Programmes-2 No. of Volunteers participated-16 No. of animals attended-120
	Service at Orphanage	No. of Volunteers participated-50 No. of orphans benefitted- 450
	Orientation programme	No. of Volunteers participated-143
	Environment conservation programme World Sparrow day	No. of Programmes-1 No. of Volunteers participated-20
	Special Camp Activities	<p>NSS special camp-2016 conducted from 01/04/2016 to 07/04/2016 at selected villages around College of Food and Dairy Technology, Koduvalli, Thiruvallur district.</p> <ul style="list-style-type: none"> ❖ Animal health camp was organized at Sivanvayal village. ❖ Distributed mineral mixture pockets to the farmers. ❖ 39 cattle, 284 sheep & goats , 5 rabbits were brought to the camp. ❖ Method demonstration on meat products was conducted at the village for self help group women. ❖ Products like chicken 65, chicken cutlet, chicken kola were made. ❖ Twenty five women participated in the event. Group discussion on the topics 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.

		<ul style="list-style-type: none"> ❖ 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 organized ❖ 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.
		<ul style="list-style-type: none"> ❖ 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. ❖ Camp fire activity. Volunteers showed their talents by singing, dancing, mimicrying etc. ❖ 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.

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	❖ 57 units of blood donated ❖ 60 Volunteers participated
	Training on Value added Meat Products preparation	❖ At Sivanvoyal on 02.04.2016 to 25 rural women by 50 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 Co-ordinator 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, Sivanoyal 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 on 19.03.2017	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 75 school children were benefitted

	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
	National Milk Day Celebration conducted at Government Middle School, Karikalawakkam, Tiruvallur district on 08.12.2018	30 NSS volunteers participated and School Children were benefitted
	National Youth Day Celebration – Vivekanandar Illam on 12.01.2019	Enlightened the strength of youth
	NSS Special Camping Programme at Adopted Villages. 23.03.2018 – 29.03.2018	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 health 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 -230 animals benefitted 27.03.2018 - Ayalore, Punnapattu, Kaka Kandigai, Bandikavanoor, Sivan vayol, Sirukalthur and Karayanmedu - 240 animals benefitted
	Bovine infertility treatment camp	24.03.2018 - Thanneerkulam village - 78 animals treated 28.03.2018 - Puliurkandigai - 58 animals benefitted
	Anti-rabies vaccination programme	25.03.2018 - Thottikalai, Mettu Colony and Poojankandigai - 18 dogs benefitted
	Oral pellet Vaccination for rural backyard poultry against Newcastle disease	24.03.2018 - Thanneerkulam - 200 doses 25.03.2018 Thottikalai 26.03.2018 Sivanvoyal Colony and Ambettkarnagar -450 doses 27.03.2018 Ayalore - 350 doses 28.03.2018 Kandigai and Agaram - 460 doses
	Faecal sample examination -Strategic animal deworming programme	26.03.2018 Bandikavanoor, Sivanvayol and Karayanmedu

	Meteorological awareness programme	28.03.2018 - Koyambakkam - 15 farmers benefitted
	Human health check up programme	25.03.2018 - Kilambakkam – 90 Villagers benefitted
	Dental check up programme	25.03.2018 - Kilambakkam - 80 Villagers benefitted
	Training on Millet cultivation & processing Awareness Programme	26.03.2018 – Koyambakkam – 15 farmers benefitted
	Exhibition on animal management practices	25.03.2018 – Kilambakkam - 55 visitors benefitted
	Training on preparation of value added milk products conducted	27.03.2018 – Koyambakkam - 23 SHG members benefitted
	Dipping Demo for Sheep and Goat on 28.03.2018 at Koyambakkam	25 farmers benefitted
	Awareness programme on Blood donation and Blood cancer conducted on 26.03.2018 at Kilambakkam	120 students participated
	Planetarium demo was conducted on 27.03.2018 at Aayalur	110 Children benefitted
	Various cultural and sports competitions conducted on 27.03.2018 at Aayalur and Koyambakkam	180 children benefitted
	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 and Calves, 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 th 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

	<u>SPECIAL CAMPING PROGRAMME</u>	
	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, -480 Chittathur, Agaram and Kandigai	
	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
	Human Health Programmes	
	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 Millet products 06.05.2019 Punnapakkam	
	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 Culture	
	Rangoli competition conducted on 05.05.2019 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

6.5.4.7. Language Laboratory: It is required of any student to have a good command of the language for communication purposes, with clarity and accuracy being vital for effective and efficient communication. What helps one to acquire such proficiency in a language is the process and the method of learning that language. Mention which of these type of Conventional, Lingua Phone, Computer Assisted Language Laboratory and Multimedia Hi-Tech Language Laboratory are being used for language teaching in the college.

A language lab with audio visual facilities is available for conducting language learning exercises and activities. Students listen to audio, watch video and record their speech exercise which will be evaluated by the faculties.

Apart from this, English as a remedial course is being organized in the college to improve their language and communication skills of the students who enrol during the first year. During the year 2019-2020, a total number of 15 classes were conducted on English Remedial course and a total number of 50 students of 2019-2020 were benefited.

6.5.4.8. Cultural Center: Does the college have cultural centre to empower student leaders to explore,celebrate, and educate the campus community about the diversity among them? Does the college offer an inclusive and reflective space, multicultural programming, and support services that encourage positive interaction, academic persistence, and growth among students, faculty, and staff ?

Year	Name of the Event Conducted / participated	Participants
2014	Intercollegiate cultural event “FELICITAS” conducted on 23 rd and 24 th August 2014 . There were nine on-stage and six off-stage events	635 students from 70 college participated
2014	Drawing competition conducted for 7 th 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 hunt. 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 th September to 4 th October 2015. There were 5 literary events, 8 fine arts and 11 performing arts.	MVC students
2015	Drawing competition conducted for 7 th 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 th and 10 th 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 Paventhrar 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 th birthday celebration of Mahatma Gandhi	MVC students

Student association

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
2015	Intercollegiate cultural competition (FELICITAS2014) – 2 day program	9 on stage and 6 off stage programs	Three prizes for each event was given
	Drawing competition was conducted for 7 th ZyduS AHC All Indian drawing – painting competition – 2014 -1 day program	Drawing and painting competition	Best three entries were awarded prize
	Interclass “Xploria 14” event was conducted for 2 days	5 Literary events, 11 fine arts events, and 9 performing arts. 14 off stage and 7 on stage	no information available
	College day 2014 – 1 day program	Singing, dancing and mime. Fashion parade for staff was also conducted.	8 prizes

2016	Interclass cultural competition (AGNI 2015) – 7 days	5 Literary events, 8 fine arts events, and 11 performing arts. 12 off	No information available
	Drawing competition was conducted for 7 th Zyduz AHC All Indian drawing – painting competition – 2015 -1 day program	Drawing and painting competition	Best three entries were awarded prize
	Dr.B.V.Rao Intra Veterinary University quiz competition – 2 days	Quiz competition	Won the second prize
	Vigilance awareness week	Essays were written, Human chain was formed and pamphlets distributed	---
	<i>pradharshini-2016</i> ”, an inter-collegiate cultural competition organized by Kilpauk Medical College- 4 days	Inter college cultural program	won first prize
2017	Inter class elocution, essay and Poetry competition of Paventhar Baharathidasan trust held at MVC – 1 day	Elocution, essay and poetry	Won two prizes
	Poetry and oratorical competition organized by Tamil Development Department of State Government – one day	poetry and oratorical competition	Two prizes
	Oratorical and essay competition organized by Kannathasan Viswanathan Trust –one day	Oratorical and essay competition	One prize
	Poetry competition in Bharatha Ratna Puratchi Thalaivar Dr. M.G.R. centenary year celebrations organized by Tamil Development Department of State Government – one day	Poetry competition	One prize
	National Library Week was celebrated Tamil essay and elocution competitions were conducted – one week.	essay and elocution competitions	Won four prizes

	Zonal Level Veterinary Physiology Quiz Competition (SAPI) held at College of Veterinary and Animal Sciences, Hebbal, Bengaluru - one day	Veterinary Physiology Quiz Competition	No prizes
	All India competition in young natural wings season 2 winners for the best article written in english in pasudhan of natural remedies – one day	Best article in English	One prize
	Inter college quiz competition organized by Virbac India – one day	Quiz competition	Qualified to participate in the zonal level
	Celebration of World Agricultural Day – one day	Essay and drawing competition	Six prizes
2018	World Agricultural	Essay writing and drawing competition	Total 6 prizes – 3 prizes in each category
	Inter class cultural competitions YAZH'18 – 6 days	Various sports and cultural competition	-----
	PONFIMA'18'' inter collegiate cultural events – two days	Cultural activities	Overall champion won by MVC students
	World Forest Day – one day	Elocution and photography competitions	Two prizes were won by the students
	Freedom 2k'18 – two days	Cultural events	Overall champion won by MVC students
	World Environment Day – one day	Human chain by students	--
	Swachh Bharat Summer Internship Programme – 3 months	3 months internship program	4 students completed 100 hours of the Swachh Bharat summer internship programme.
	Paventhar Bharathidasan Trust—one day	literary competition for poetry, essay and elocution	Three prizes in each category
	National Dairy judging competitions – 2 days	Dairy cattle judging at SMC Dairy College, Anand Agricultural University	--
	Karpagam Academy of Higher Education, Coimbatore - one day	Elocution competition	Second prize in elocution

	MEPHOBIA'18 organized by Sivagangai Medical College, Sivagangai – 2 days	singing, dance, photography and mime competition	4 prizes were won by MVC students
	Soft Ball Badminton – Honour by state govt.	Ball badminton	2 students were honoured
	Tamil Elakiya Mandram – one day,	Tamil elocution competition	won first prize
	VYUHA'18 inter collegiate cultural events organized by Madurai Medical college – 3 days	inter collegiate cultural events	6 prizes in off and on stage cultural events
	ABHYUTTHAN-2018 in the All India Online Essay Contest organized by Institute of Health Management Research, Jaipur –one day	All India Online Essay Contest	first prize
	136 th Birthday anniversary of Mahakavi Bharathiar organized at Krishnagiri – one day	Poetry, elocution and essay competition	First and second prizes won by MVC students
2019 (up to 30.11.2019)	Essay and Elocution competitions were conducted on “ Character building with special focus on making youth sensitive to traditional values” for the award of Chancellor’s medal during the Republic Day – one day	Essay and Elocution	Four prizes
	A flash mob on election campaign was conducted on 05.03.2019 jointly with Greater Chennai Corporation – one day (42 students participated)	Performed folk dance	--
	Madras Veterinary College Day was celebrated on 25.03.2019 at Anna Auditorium – one day	Cultural and sports activities	--
	A free Dental Camp was conducted along with Saveetha Dental College on 24.04.2019 –one day (142 students participated)	Dental camp	---

	Rajiv Gandhi Veterinary Education and Research, Kurumbapet, Puducherry in commemoration with their Silver Jubilee Celebration conducted one day South India competition	Quiz competition	--
	Tree plantation and Debate competition was conducted on 01.10.2019 in commemoration with 150th Birthday of Mahatma Gandhi – one day	Tree plantation	--
	National Library Week was conducted from 14th to 20th November 2019 – 6 days	Essay and Elocution	4 in essay and 5 in elocution competition

Agri. Univ. Fest

Year	No. of students participated from college	No. of programmes	Total number of awards/ prizes won
2014-15	--	--	--
2015-16	--	--	--
2016-17	--	--	--
2017-18	--	--	--
2018-19 (up to 31.11.2019)	Eighteen students from Madras Veterinary College participated for the first time in the Agriunifest' 19 held at SDAU, Gujarat from 03.02.2019 to 07.02.2019.	Mono acting, singing, dance etc.	One third prize by MVC student

6.5.4.9. Personality Development: Personality development programme is aimed at increasing employability of the students. Whether the college has provisions for inclusion of functional grammar in standard English, speaking skills, reasoning, group discussions interview skills, personal interviews, quantitative ability, verbal ability, mock tests and some special sessions to promote the personality development in the students?

Counselling for the Academic Performance improvement and career guidance

Year	No. of ward counsellors	No. of students/ ward counsellor	No. of meetings conducted	No. of Students benefited	
				Male	Female
2014-15	08	5-6	Every week	22	23
2015-16	10	10		60	40
2016-17	16	10		69	59
2017-18	14	9-10		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 30.11.2019	20	-	-

Personality and career development programmes conducted

Year	Name of the programme	No. of students benefited
2014-15	--	--
2015-16	--	--
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	<p>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.</p> <ul style="list-style-type: none"> ❖ The first training programme was conducted for the benefit of 1st year BVSc graduates on 02.02.2019, on 16.02.19 ❖ 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 2nd year, 17 boys & 15 girls of final year, 22 Male and 21 female Scholars). <p>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).</p>	<p>108</p> <p>76</p> <p>35</p>

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 th to 20 th 2014	Mr.Porchezian IOB Player	24
3.		Volleyball Team Coaching Camp	MVC September 20 th to 24 th , 2014	Mr.Vijayakumar VFI Coach	30
1.	2015-16	Hockey Team Coaching Camp	MVC June 2 nd to 6 th 2015	Mr.Porchezian IOB Player	24
2.		Basket Ball Coaching Camp	MVC August 20 th to 24 th , 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 th to 14 th , 2016	Mr.Vijayakumar VFI Coach	30
2.		Hockey Team Coaching Camp	MVC October 3 rd to 7 th 2016	Mr.Porchezian IOB Player	24
1.	2017-18	Volleyball Team Coaching Camp	MVC June 5 th to 9 th , 2017	Mr.Vijayakumar VFI Coach	30
2.		Hockey Team Coaching Camp	MVC July 5 th to 10 th , 2017	Mr.Porchezian IOB Player	24
1.	2018-19	Cricket Team Coaching	MVC June 10 th to 14 th , 2018	Mr.Santhosh I Division Coach	34
2.		Hockey Team Coaching Camp	MVC July 10 th to 15 th , 2018	Mr.Porchezian IOB Player	24
1.	2019 up to 30.11.2019	Hockey Team Coaching Camp	MVC June 7 th to 12 th , 2019	Mr.Porchezian IOB Player	24
2.		Cricket Coaching Camp	MVC September 22 nd to 25 th , 2019	Mr.Sunish II Division player	26

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 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 th to 22 nd , 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

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	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.	On various dates	NSS programme officers as a Veterinarian	110 students
		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 emergencies.	On various dates	-	114 students

		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	11/09/2014	M/s. Vasan Eye care, Chennai.	120 students and staff
		d. 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	On various dates	Dr. Arun, Practising Dentist, Chennai	180 students
		e. Dress materials and clothes were collected from students and staff of the college and donated to REHABOTH – the Home for mentally disabled.			75 students
		f. 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.	On various dates	Nil	150 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. Blood Donation – 40 Units	Given on demand on various dates 05.03.2016	-	40 Students
		b. Veterinary service at Pinjarapole and treated 350 animals		NSS programme officers as a Veterinarian	20 Students
		c. Participation in Health/ Eye/ Dental Camps and 240 participants benefitted	17.03.2016, 05.04.2016	NSS programme officers as a Veterinarian	40 students
		d. Swatcha Bharat/ Manual Labour activities	02.10.2015	NSS Volunteers	25 Students
		e. Self-Defence Training	20.02.2016	NSS Volunteers	55 Students
		f. Visit to 39 th Chennai Book fair	11.06.2016	NSS Volunteers	50 Students
		g. Veterinary Health camps	02.04.2016, 05.03.2016, 04.04.2016, 21.02.2016, 24.02.2016, 24.01.2016, 30.04.2016 02.03.2016 04.03.2016, 21.06.2016		108
		h. Competitions	02.10.2015, 29.10.2015		150
		i. Yoga Awareness and Action programme, Meditation camp	02.03.2016 to 04.03.2016, 21.06.2016		200
		j. Flood relief camp			

		k. World zoonoses day and World Rabies day – Anti rabies vaccination	23.12.2015, 24.12.2015, 26.12.2015		50
		l. Service at Orphanage	06.07.2015, 28.09.2015, 09.08.2015 and		16
		m. Orientation programme	31.12.2015		450
		n. Environment conservation programme-World Sparrow day	26.01.2016, 23.09.2016		264
			21.03.2016		20
	2016-17	a. Blood Donation – 160 Units	Given on demand on various dates	NSS volunteers	160
		b. Veterinary camp	04.02.2017, 18.02.2017, 18.02.2017 29.03.2017 24.12.2016 27.11.2016 26.11.2016 22.10.2016		200
		c. Celebration of International Yoga day	21.06.2016	NSS volunteers	100 volunteers practically trained
	2017-18	a. Guest lecture on Recent Dermatological Interventions in Small Animals	20.04.2017	IV B.V.Sc. and AH students	46 farmers benefitted
		b. Veterinary Camp	29.04.2017 17.06.2017 18.06.2017 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	NSS volunteers	200 students

		c. Blood donation camp	21.12.2017		Blood Bank, Rajiv Gandhi Govt. Medical College
			20.02.2018, 22.02.2018		Fortis Malar Hospital, SRM Hospital, Rajiv Gandhi Govt. General Hospital, Chennai
		d. International Yoga Day	21.06.2017		85 volunteers
	2018-19	a. Blood Donation Camp	23.08.2018	Madras Medical Mission, Mogappair, Chennai	8 Volunteers
			13.06.2018		18 volunteers
		b. Veterinary Health camp	28.04.2018	NSS Programme officers	200 Volunteers 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.		
		c. International Yoga Day Celebrations 2018	17.03.2019		71 NSS volunteers
			21.06.2018	Heartfulness Foundation, Chennai	

6.5.5. Physical facilities

6.5.5.1. 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 hostel/ NRI/ etc)	Teachers Hostel	19	Capacity – 60 persons	19/19	-do-
	NRI Hostel	15	10	15 /15	-do-

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					
1.	A Mess (Girls)	334	80	RO Drinking water	Yes	Centralized systems
2.	PG Mess (Girls)	19	15	RO Drinking water	Yes	
3.	B Mess (Boys)	753	200	RO Drinking water	Yes	Centralized systems
4.	PG Mess (Boys)	19	25	RO Drinking water	Yes	

Recreation / Education/ Health care facility at hostel

Indoor games (List)		Study room		Recreation room		Medical health care facility (List)	Transport facility (emergency)
Boys	Girls	No.	Seating capacity/ room	No.	Seating capacity/ room		
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

6.5.5.2. 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	❖ Individual table and chair for each student ❖ Student attendance biometric system ❖ Public address system to make important announcements ❖ RO water filter to provide potable water to the students ❖ Separate rest room facilities for both boys and girls
2.	New Examination Hall, Third floor, Kamarajar Block		130	❖ Fully air conditioned examination hall ❖ Public address system to make important announcements ❖ RO water filter to provide potable water to the students ❖ Separate rest room facilities for both boys and girls

6.5.5.3. 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)
Indoor	Shuttle playground	4 Students	---
	Gymnastic	10 Students	---
Outdoor	Basketball court	12 Students	---
	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 (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
	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 Jump facilities available Triple jump Movable volleyball court for girl students Movable Ball Badminton court for boys and girls
	Hockey Play field	30 students	
	Football Play field	30 students	
	Volleyball court	20 students	
	Kabaddi court	20 students	
	200m Athletic track	30 students	
	Field Track for javelin, Discus and Shotput	20 students	

6.5.5.4. 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 ²	Audio system, HVAC, Fire protection	966 Nos.	
2.	Conference Hall	216.13 M ²	Audio & Visual, Air-conditioned	155 Nos.	
3.	Swaraj Hall	93.94 M ²	Audio & Visual, Air-conditioned	52 Nos.	

6.5.5.5. 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 6th 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 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 departments of MVC.

6.5.6. Research Facilities

6.5.6.1. Postgraduate Laboratories and Equipment: Clearly mention the department wise PG laboratories and equipment housed in individual laboratory in the Colleges along with any other research unit.

Name of the department Animal Biotechnology

PG laboratory type (Any specialized laboratory like molecular parasitology etc)	Modern advanced equipment available	Any other research unit (like rabies diagnostic lab)
		The Rabies diagnostic unit of Department of Animal Biotechnology is an ISO/IEC 17025 : 2005 accredited Laboratory for the following test : i. Detection of rabies antigen by direct fluorescent antibody test. ii. Determination of antibodies for rabies by fluorescent antibody virus neutralization test.

Name of the department: Animal Genetics And Breeding

PG laboratory type (Any specialized laboratory like molecular parasitology etc)	Modern advanced equipment available	Any other research unit (like rabies diagnostic lab)
1. Molecular Genetics lab	<ol style="list-style-type: none"> 1. Real Time PCR 2. Nanodrop One C Spectrophotometer 3. PCR thermal cycler 4. Gel documentation system 5. Refrigerated centrifuge 	National facility for molecular screening of cattle for inherited disorders and parentage verification
2. Cytogenetics lab	<ol style="list-style-type: none"> 1. Photomicroscope with software for automatic karyotyping with accessories 	Karyological screening of breeding bulls and bull mothers for gross chromosomal abnormalities
3. Frozen semen lab	<ol style="list-style-type: none"> 1. Programmable freezer with accessories 2. Sperm Quality Analyser 3. Trinocular Phase Contrast Microscope with Image Capturing Facility 4. Cold handling cabinet 5. Automatic filling and sealing machine 	Frozen semen production in goats

Name of the department: Department of Veterinary and Animal Husbandry Extension Education

PG laboratory type (Any specialized laboratory like molecular parasitology etc)	Modern advanced equipment available	Any other research unit (like rabies diagnostic lab)
Video laboratory	<p>Video – Audio Recording and Editing Suite consists of</p> <p>Yamaha 16 Channel Audio Mixer</p> <p>SURE – Multidimensional microphone – 3 Nos</p> <p>MBox Audio interface</p> <p>Genlac Audio Monitors</p> <p>HP – Z240 computer with Intel –Xeon processor</p> <p>Nuendo, Cubase audio editing software</p> <p>Adobe and FinalcutPro – video editing software</p>	----

Name of the Department : Livestock Products Technology (Dairy Science)

PG laboratory type (Any specialized laboratory like molecular parasitology etc)	Modern advanced equipment available	Any other research unit (like rabies diagnostic lab)
P G Laboratory	<ul style="list-style-type: none"> ❖ Freeze Drier – 1 ❖ Gel Documentation system - 1 ❖ PCR thermal cyclers and PCR workstation– 1 ❖ Anaerobic Workstation – 1 ❖ Table Top Dehydrator – 1 ❖ Texture Analyser -1 ❖ 2D Electrophoresis – 1 ❖ HPLC -1 ❖ Candy Maker -1 ❖ Spiral Plater – 1 ❖ Water activity meter – 1 ❖ Blast freezer – 1 ❖ Ice candy maker - 1 	-

Name of the department : Livestock Products Technology (Meat Science), Madras Veterinary College, Chennai-7

PG laboratory type (Any specialized laboratory like molecular parasitology etc)	Modern advanced equipment available	Any other research unit (like rabies diagnostic lab)
Meat Speciation laboratory	Thermocycler	Food Testing laboratory- Minerals, Pesticide and Antibiotic Residues analysed.

Name of the department: Centre For Stem Cell Research And Regenerative Medicine

PG laboratory type (Any specialized laboratory like molecular parasitology etc)	Modern advanced equipment available	Any other research unit (like rabies diagnostic lab)
cGMP and clean room for stem cell culture	Biosafety cabinets, FACS, Real time PCR, Gel doc, Microplate reader, Electroporator, Phase contrast Microscope, LN2 CryoVessel, CO2 Incubators, Orbital shakers, Vertical Freezers etc.	-

Name of the department - Department of Veterinary Anatomy

PG laboratory type (Any specialized laboratory like molecular parasitology etc)	Modern advanced equipment available	Any other research unit (like rabies diagnostic lab)
Histology, Histochemistry and immunohistochemistry lab	<ol style="list-style-type: none"> 1. Carl-Zeiss Photomicroscopic unit 2. Multi-headed microscope 3. Sledge microtome 4. Histoembedder 5. Semi-automatic microtome 	-

Name of the department : Veterinary Biochemistry

PG laboratory type (Any specialized laboratory like molecular parasitology etc)	Modern advanced equipment available	Any other research unit (like rabies diagnostic lab)
Molecular biology lab	1. Thermal cycler 2. Electrophoresis apparatus (horizontal, vertical) 3. Blotting apparatus 4. Dry bath 5. UV-Vis. Spectrophotometer	Nil

Name of the department Veterinary Clinical Medicine

PG laboratory type (Any specialized laboratory like molecular parasitology etc)	Modern advanced equipment available	Any other research unit (like rabies diagnostic lab)
Referral Unit – Cardiology	1. Echocardiography 2. Electrocardiography 3. Holter monitor 4. Phonocardiogram	
Referral Unit – Endoscopy	1. Endoscopy – GI 2. Endoscopy- Rhinoscopy 3. Endoscopy- otoscopy	
Referral unit – Nephrology	1. Intermittent Haemodialysis 2. Ultrasonography	
Critical care Unit	1. CRRT – Continuous renal Replacement Therapy 2. Mechanical Ventilator 3. Blood gas analyser	

Name of the department: Department of Veterinary Preventive Medicine

PG laboratory type (Any specialized laboratory like molecular parasitology etc)	Modern advanced equipment available	Any other research unit (like rabies diagnostic lab)
Nil	Gradient Thermocycler	Nil

Name of the department: Department of Veterinary Microbiology

PG laboratory type (Any specialized laboratory like molecular parasitology etc)	Modern advanced equipment available	Any other research unit (like rabies diagnostic lab)
Modern virology lab	1. Ultra Centrifuge - Optima XPN-100 (Beckman Coulter) 2. Gel Doc with Chemiluminescence imaging system (Syngene) 3. Ultra low freezer with liquid CO ₂ backup (Haier) 4. Gradient Dual Block PCR machine (Bio-Rad) 5. Inverted Fluorescence Microscope 6. Electroporator (Bio-Rad) 7. Electrophoresis system with accessories (Bio-Rad) 8. Western blot apparatus (Semi dry) (Bio-Rad) 9. Ice flaking machine 10. Tablet making machine	

Name of the department-Veterinary Parasitology, MVC

PG laboratory type (Any specialized laboratory like molecular parasitology etc)	Modern advanced equipment available	Any other research unit (like rabies diagnostic lab)
Molecular Parasitology	Refrigerated Centrifuge- Two ELISA Reader- Two Ultra Low Temperature Freezer (-80° C)-One Microscope and digital camera with image analyser- One Thermocycler- Three Geldoc- instrumentation system- One Nanodrop- One Haemo auto-analyser- One Stereo zoom microscope with camera – One	

Name of the department : Veterinary Public Health and Epidemiology

PG laboratory type (Any specialized laboratory like molecular parasitology etc)	Modern advanced equipment available	Any other research unit (like rabies diagnostic lab)
Molecular Disease Diagnostic Laboratory – Zoonotic Pathogens	1. PCR Thermocycler 2. Gel Doc system 3. Fluorescent Microscope 4. Electrophoretic Systems	Under Observation of Rabies – isolation Unit

Name of the department: Veterinary Pharmacology and Toxicology

PG laboratory type (Any specialized laboratory like molecular parasitology etc)	Modern advanced equipment available	Any other research unit (like rabies diagnostic lab) NIL
1. Biochemical Laboratory	HPLC with UV and fluorescent detector	
	Sonicator	
	Tissue homogenizer	
	Semi-Auto Analyzer	
	UV-Vis Double beam	
	Spectrophotometer with software	
	Rotary Evaporator	
	Refrigerated centrifuge	
	Millipore Water Purification system	
	Incubator shaker	
2. Analytical laboratory	Gas Chromatography	
3. Experimental Pharmacology Laboratory	ELISA reader	
	Ultrasound machine	
4. In Vitro lab	Inverted microscope	
	Zoom stereo microscope	
	CO ₂ incubator	

Name of the department: Veterinary Physiology

PG laboratory type (Any specialized laboratory like molecular parasitology etc)	Modern advanced equipment available	Any other research unit (like rabies diagnostic lab)
Stem cell Physiology Lab	Inverted Phase Contrast Microscope Carbon dioxide Incubator	

Name of the department Veterinary Surgery and Radiology

PG laboratory type (Any specialized laboratory like molecular parasitology etc)	Modern advanced equipment available	Any other research unit (like rabies diagnostic lab)
Orthopaedic Theatre	Refrigerated Centrifuge for preparation of Autologous platelet rich plasma C Arm Unit Advanced orthopaedic surgical facility with instruments for axial and appendicular skeleton	
Small Animal Soft Tissue Surgery theatre	CO 2 Laser Unit Electro chemotherapy unit Endo Surgery Unit Anaesthetic Workstation	
Small Animal Ophthalmology Theatre	Phacoemulsification Unit A Scan Fundus Camera Slit lamp biomicroscopy Indirect and Direct Ophthalmoscope Tonopen	
Large Animal Operation Theatre	Large Animal Anaesthetic Apparatus with ventilator	
Radiology Unit	Colour Doppler Ultrasound 4 D Ultrasound Digital Radiography CT Scan Unit	

Name of the department: Wildlife Science

PG laboratory type (Any specialized laboratory like molecular parasitology etc)	Modern advanced equipment available	Any other research unit (like rabies diagnostic lab)
Molecular diagnostic laboratory	Class II Biosafety cabinet	Nil

Name of the department: Animal Nutrition

PG laboratory type (Any specialized laboratory like molecular parasitology etc)	Modern advanced equipment available	Any other research unit (like rabies diagnostic lab)
Feed Quality Control Laboratory	Atomic Absorption Spectrometer	Rumen Nutrition Research Laboratory
	Gas Liquid Chromatography	
	RUSITEC	
	Lyophiliser	
	Refrigerated centrifuge	
	Ball mill	

Name of the department – Department of Veterinary Gynaecology and Obstetrics, MVC

PG laboratory type (Any specialized laboratory like molecular parasitology etc)	Modern advanced equipment available	Any other research unit (like rabies diagnostic lab)
Assisted Reproductive Technology Lab – I	Olympus research microscope -Micro Manipulator - Rs.2,09,429.40 Gamma Counter - 5089.26 USD Co ₂ Incubator-Heraeus- 4,490.515 Euro Trinocular stereoscopic zoom microscope –Nikon - Rs. 5,67,300.10	VGO-Operation Theatre
Assisted Reproductive Technology Lab – II	eProchek @ 800 Automatic Eliza test device - Rs.6,25,669.41 Osmometer- Rs.1,61,057.75 Phase contrast microscope – Olympus - Rs. 2,09,429.40 Embryo freezer - 4,389.133 USD	
Molecular Lab	Refrigerated Centrifuge- Rs. 2,21,593.31 -80° Ultra low temperature freezer- Thermo Fisher Scientific Ltd. - 3,38,784.26 Eppendorf Mastercycler Nexus Gx2 ECX-F26 - 4,51,070.00	

Name of the department: Department of Veterinary Pathology

PG laboratory type (Any specialized laboratory like molecular parasitology etc)	Modern advanced equipment available	Any other research unit (like rabies diagnostic lab)
Molecular pathology Laboratory	Gradient thermal cycler – 3 nos. Refrigerated centrifuge – 2 nos. Shaker incubator (4°C to 40°C) – 1 no. Co ₂ Incubator - 1 no. Freezer -20°C - 3 nos. Ultra Freezer -80°C - 1 no. Gel documentation system – 1 no. Electrophoresis unit - 2 nos. Refrigerated water bath (4°C to 90°C) -1 no. Homogenizer - 1 no. PCR hood – 1 no. Distilled water unit - 1 no. Hybridization chamber - 1 no.	i. Tissue processing facility ii. Post-mortem room for small animals iii. Carcass and other waste disposal facilities iv. Walk-in cold room facility and deep freezers for storage of carcass v. Cell culture facility with CO ₂ incubator

6.5.6.2. Research Contingency: A note on amount of research contingency for each department shall be provided. Whether it meets the students' demand?

Name of the department : Animal Biotechnology

Year	Recurring (in lakhs)	Non-recurring (in lakhs)	Whether it meets the students' demand (Yes/No)
2014-15	18.50	8.25	Yes
2015-16	18.00	-	Yes
2016-17	17.34	6.00	Yes
2017-18	22.53	18.20	Yes
2018-19	24.00	2.00	Yes
2019 up to 30.11.2019	25.00	-	Yes

Name of the department : Animal Genetics And Breeding

Year	Recurring (in lakhs)	Non-recurring (in lakhs)	Whether it meets the students' demand (Yes/No)
2014-15	16.50	-	Yes
2015-16	13.20	-	Yes
2016-17	8.00	-	Yes
2017-18	12.65	-	Yes
2018-19	11.02	-	Yes
2019 up to 30.11.2019	10.37	-	Yes

Name of The Department : Animal Husbandry Statistics And Compute Application

Year	Recurring (in lakhs)	Non-recurring (in lakhs)	Whether it meets the students' demand (Yes/No)
2014-15	-	-	-
2015-16	-	-	-
2016-17	-	-	-
2017-18	-	-	-
2018-19	-	-	-
2019 up to 30.11.2019	0.25	-	No

Name of the Department : Livestock Products Technology (Dairy Science)

Year	Recurring (in lakhs)	Non-recurring (in lakhs)	Whether it meets the students' demand (Yes/No)
2014-15	5.5	0.9	Yes
2015-16	5.5	1.5	Yes
2016-17	5.25	2.5	Yes
2017-18	4.8	2.0	Yes
2018-19	3.0	0.0	Yes
2019 up to 30.11.2019	5.0	0.0	Yes

Name of the department : Livestock Products Technology (Meat Science),

MAIN

Year	Recurring (in lakhs)	Non-recurring (in lakhs)	Whether it meets the students' demand (Yes/No)
2014-15	8.00	0.45	Yes
2015-16	5.00	-	Yes
2016-17	6.80	-	Yes
2017-18	6.60	-	Yes
2018-19	3.30	0.86	Yes
2019 up to 30.11.2019	5.83	-	Yes

Scheme: AICRP on PHET

Year	Recurring (in lakhs)	Non-recurring (in lakhs)	Whether it meets the students' demand (Yes/No)
2014-15	4.00	7.03	Yes
2015-16	5.70	22.22	Yes
2016-17	6.50	25.35	Yes
2017-18	4.07	37.53	Yes
2018-19	6.00	41.53	Yes
2019 up to 30.11.2019	8.00	52.00	Yes

Other Schemes

Year	Recurring (in lakhs)	Non-recurring (in lakhs)	Whether it meets the students' demand (Yes/No)
MoFPI Scheme on “Establishment of Food Testing Laboratory”			
2015-16	-	72.61	
2016-17	-	42.23	
National Livestock Mission Scheme on “Establishment of Carcass Utilisation Plant”			
2017-18	-	200.00	

Name of the department: Poultry Science

Year	Recurring (in lakhs)	Non-recurring (in lakhs)	Whether it meets the students' demand (Yes/No)
2014-15	6.75	--	YES
2015-16	7.00	--	YES
2016-17	4.75	--	YES
2017-18	7.69	1.80	YES
2018-19	9.53	--	YES
2019 up to 30.11.2019	10.36	--	YES

Name of the department : Veterinary Biochemistry

Year	Recurring (in lakhs)	Non-recurring (in lakhs)	Whether it meets the students' demand (Yes/No)
2014-15	1.00	0.00	Yes
2015-16	1.48	3.00	Yes
2016-17	1.27	0.62	Yes
2017-18	0.30	4.10	Yes
2018-19	0.45	1.01 (Under IDG)	Yes
2019 up to 30.11.2019	---	---	

Name of the department Veterinary Clinical Medicine

Year	Recurring (in lakhs)	Non-recurring (in lakhs)	Whether it meets the students' demand (Yes/No)
2014-15	3.00	-	Yes
2015-16	3.50	-	Yes
2016-17	3.00	-	Yes
2017-18	3.50	-	Yes
2018-19	4.06	-	Yes
2019 up to 30.11.2019	7.90	-	Yes

Name of the department: Department of Veterinary Preventive Medicine

Year	Recurring (in lakhs)		Non-recurring (in lakhs)		Whether it meets the students' demand (Yes/No)
	Plan	Non plan	Plan	Non plan	yes
2014-15	1.9	2.38	0.49	0.22	yes
2015-16	1.99	1.68	0.99	0.99	yes
2016-17	1.85	1.49	1.00	0	yes
2017-18	2.58	1.23	3.49	1.00	yes
2018-19	2.49	0.99	0	4.12	yes
2019 up to 30.11.2019	93438		0		yes

Name of the department: Department of Veterinary Microbiology

Year	Recurring (in lakhs)	Non-recurring (in lakhs)	Whether it meets the students' demand (Yes/No)
2014-15	5.50	---	Yes
2015-16	5.99	0.99	Yes
2016-17	13.36	---	Yes
2017-18	8.60	11.50	Yes
2018-19	11.58	5.00	Yes
2019 up to 30.11.2019	9.00	---	Yes

Name of the department Veterinary Parasitology

Year	Recurring (in lakhs)	Non-recurring (in lakhs)	Whether it meets the students' demand (Yes/No)
2014-15	3.90	6.32	Yes
2015-16	3.00	1.45	Yes
2016-17	4.89	2.00	Yes
2017-18	8.00	-	Yes
2018-19	6.65	1.50	Yes
2019 up to 30.11.2019	7.32	-	Yes

Name of the department : Veterinary Public Health and Epidemiology

Year	Recurring (in lakhs)	Non-recurring (in lakhs)	Whether it meets the students' demand (Yes/No)
2014-15	6.25	0.98	Yes
2015-16	5.99	0.00	Yes
2016-17	5.04	1.99	Yes
2017-18	4.49	9.90	Yes
2018-19	3.20	0.00	No. Non recurring budget is required for the purchase of essential equipment (Autoclave, distillation unit, CO2 incubator etc.)
2019 up to 30.11.2019	1.54	0.00	No. Non recurring budget is required for the purchase of essential equipment (Autoclave, distillation unit, CO2 incubator etc.)

Name of the department: Veterinary Pharmacology and Toxicology

Year	Recurring (in lakhs)	Non-recurring (in lakhs)	Whether it meets the students' demand (Yes/No)
2014-15	2.00	-	Yes
2015-16	5.00	-	Yes
2016-17	6.25	-	Yes
2017-18	6.25	-	Yes
2018-19	6.00	-	Yes
2019 up to 30.11.2019	8.00	-	Yes

Name of the department: Veterinary Physiology

Year	Recurring (in lakhs)		Non-recurring (in lakhs)	Whether it meets the students'demand (Yes/ No)
	Non Plan	Plan		
2014-15	1.25	3.0	0.39718 (Non-Plan Non-Rec)	Yes
2015-16	1.0	2.5	-	Yes
2016-17	2.3	2.8	2.07 (Plan Non-Rec)	Yes
2017-18	2.32	3.69	1.9 (Non-Plan Non-Rec)	Yes
2018-19	2.51	3.67	5.0 (Non-Plan Non-Rec)	Yes
2019 up to 30.11.2019	Scheme 1125		-	Yes
	3.71			

Name of the department Veterinary Surgery and Radiology

Year	Recurring (in lakhs)	Non-recurring (in lakhs)	Whether it meets the students' demand (Yes/No)
2014-15	3.25	0.75	
	5.5 (ICAR AINP)	10.0 (ICAR AINP)	Yes
2015-16	7.0	2.25	
	17.9 (ICAR AINP)	11.4 (ICAR AINP)	Yes
2016-17	11.96	0.0	
	12.5 (ICAR AINP)	40.0 (ICAR AINP)	Yes
2017-18	8.09	8.38	
	12.75 (ICAR AINP)	64.0 (ICAR AINP)	Yes
2018-19	4.889	0.0	
	11.50 (ICAR AINP)	8.0 (ICAR AINP)	Yes
2019 up to 30.11.2019	7.745	20.0	
	15.5 (ICAR AINP)	14.0 (ICAR AINP)	Yes

Name of the department: Wildlife Science

Year	Recurring (in lakhs)	Non-recurring (in lakhs)	Whether it meets the students' demand (Yes/No)
2014-15	0.75	-	Yes
2015-16	0.75	-	Yes
2016-17	0.75	-	Yes
2017-18	0.75	-	Yes
2018-19	1.5	-	Yes
2019 up to 30.11.2019	0.65	8.5	Yes

Name of the department: Animal Nutrition

Year	Recurring (in lakhs)	Non-recurring (in lakhs)	Whether it meets the students' demand (Yes/No)
2014-15	10.32	-	Yes
2015-16	19.00	-	Yes
2016-17	16.42	-	Yes
2017-18	6.30	3.0	Yes
2018-19	16.69	3.0	Yes
2019 up to 30.11.2019	3.21	-	Yes

Name of the department: Department of Veterinary Pathology

Year	Recurring (in lakhs)	Non-recurring (in lakhs)	Whether it meets the students' demand (Yes/No)
2014-15	860344	459492	Yes
2015-16	695234	139952	Yes
2016-17	681979	500000	Yes
2017-18	926962	-	Yes
2018-19	1139973	300000	Yes
2019 up to 30.11.2019	649704	1399444	Yes

6.5.7. Outcome/Output

6.5.7.1. Student Performance in National Examinations: Provide detailed information in tabular form about student performance in JRF/SRF/NET/ARS/and other national examinations for last five years. Only those students receiving fellowships should be mentioned here.

Note: Only those students receiving fellowships should be mentioned here

Year	JRF	SRF	NET	ARS	Other National Examination, if required add columns
2014-15	--	--	--	--	--
2015-16	--	--	--	--	--
2016-17	--	--	--	--	--
2017-18	01	05	--	--	--
2018-19	06	--	--	--	--
2019 up to 30.11.2019	12	--	--	--	--

6.5.7.2. Students Placement Profile: Provide detailed information in tabular form about student performance in ARS/and other national examinations/State level examinations or equivalent. Year wise placement profile shall be provided.

Name of the department Animal Biotechnology

Year	Name of the student	Placement particulars in ARS/and other national examinations/State level examinations or equivalent
2014-15	--	--
2015-16	--	--
2016-17	--	--
2017-18	--	--
2018-19	S. Arul	ARS
2019 up to 30.11.2019	--	--

Name of the department Animal Genetics And Breeding

Year	Name of the student	Placement particulars in ARS/and other national examinations/State level examinations or equivalent
2014-15	-	Ankita Gogoi – Asst. Prof. (AGB) at Assam Agricultural University
2015-16	-	-
2016-17	-	-
2017-18	-	-
2018-19	-	Chaudhari Arth Bhaljibhai - Asst. Prof. (AGB) at Sardarkrushinagar Dantiwada Agricultural University, Gujarat
2019 up to 30.11.2019	-	-

Name of the department : Animal Husbandry Statistics and Compute Application

Year	Name of the student	Placement particulars in ARS / other national examinations / State level examinations or equivalent
2014-15	-	-
2015-16	C.Balan, M.V.Sc. (BST)	UGC NET qualified, June 2015
2016-17	Shubham Bhiswal, M.V.Sc (BST)	UGC NET qualified, December 2016
2017-18	Safeer M. Saifudeen, M.V.Sc (BST)	UGC NET qualified, January 2017
2018-19	G.D.Vinothkumar, M.V.Sc (BST)	UGC NET qualified, July 2018
	C.Kundavai Nachiyar, M.V.Sc (BST)	UGC NET qualified, July 2018
	S.Suganya, M.V.Sc (BST)	UGC NET qualified, December 2018
2019 up to 30.11.2019	-	-

Education Cell

Note: Only those students receiving fellowships should be mentioned here

Year	JRF	SRF	NET	ARS	Other National Examination, if required add columns
2014-15	--	--	--	--	--
2015-16	--	--	--	--	--
2016-17	--	--	--	--	--
2017-18	01	05	--	--	--
2018-19	06	--	--	--	--
2019 up to 30.11.2019	12	--	--	--	--

Name of the department: Department of Veterinary and Animal Husbandry Extension Education

Year	Name of the student	Placement particulars in ARS/and other national examinations/State level examinations or equivalent
2014-15	Dr.S.Gokulnath Dr.Ranjan Mayee Sabar	Temporary VAS – Govt of Tamil Nadu VAS – Govt of Odhisaa
2015-16	Dr.N.Kathiravan Dr.S.Desingu Raja	Temporary VAS – Govt of Tamil Nadu Temporary VAS – Govt of Tamil Nadu
2016-17	Dr.M.G.Sindhu Dr.Pialy W.Momien	Teaching Assistant – COVAS, Bangalore VAS, Mizoram
2017-18	Dr.M.Kavyapriya Dr.A.Nisha Dr.Eyazhini	Assistant Professor, Vanavarayar College of Agriculture, Pollachi Assistant Professor VIT School of Agricultural Innovations and Advanced Learning (VAIAL) Vellore Institute of Technology, Vellore- 632014 Temporary VAS – Govt of Tamil Nadu
2018-19	Nil	Nil
2019 up to 30.11.2019	Nil	Nil

Name of the department : Livestock Products Technology (Dairy Science)

Year	Name of the student	Placement particulars in ARS/and other national examinations/State level examinations or equivalent
2014-15	K.V. Anandha Kumar	KVK, Perambalur
2015-16	-	
2016-17	-	
2017-18	P.K. Shanthi	Veterinary Asst. Surgeon (AH Department)
2018-19		
2019 up to 30.11.2019		

Name of the department : Livestock Products Technology (Meat Science)

Year	Name of the student	Placement particulars in ARS/and other national examinations/State level examinations or equivalent
2014-15	Jyothi Prabha Mishra Kamble Pooja Kishore M.Thamizhannal	Subject Matter Specialist KVK, Odissa Private Firm, Maharashtra Veterinary Assistant Surgeon, Tamil Nadu
2015-16	Jayanthi.R Kanchi Bhaskar Ramakrishnan.C Vivek. V Anshul Kumar Khare	Private Laboratory, Chennai Private Firm, Andra Pradesh Veterinary Assistant Surgeon, Tamil Nadu Veterinary Assistant Surgeon, Kerala Veterinary Assistant Surgeon, Madhya Pradesh
2016-17	Arunmozhi Varman Parameswari.M Rabi Ranjan Naik Tejas Natekar Vignesh.P	Veterinary Assistant Surgeon, Tamil Nadu Assistant Professor, Kundrakudi, TNAU affiliated College, Tamil Nadu Veterinary Assistant Surgeon, Odissa Tata Consultancy Services- Maharashtra Veterinary Assistant Surgeon, Tamil Nadu
2017-18	Sundaresan. G Nandini.T Dhishonin.S.M Tamil Selvan Karthik. J Bilifang Daimary Mahentesh.F.Metii	Veterinary Officer, Hatsun Agro Products Limited, Tindivanam, Tamil Nadu Teaching Assistant, Shimoga, Karnataka Manager, Suguna Poultry Limited, Kerala Private Practice- Krishnagiri, Tamil Nadu Slaughter-in-charge, Srinivasa Farms Pvt.Ltd., Hyderabad, Telangana Slaughter-in-charge, Venkateshwara Hatchery Pvt.Ltd., Visakapatnam, Andhra Pradesh. Veterinary Officer, Karnataka
2018-19	Govind.V Prabhavathi.T.G NithinKumar.G.N. Muthukumar, A Vimal Raj.E Aswini Durga.J.K	Veterinary Assistant Surgeon, Vijayanagaram, Andhra Pradesh Assistant Manager, Srinivasa Farms Pvt.Ltd, Hyderabad, Telangana Veterinary Officer, Chikbalappur, Karnataka Plant Manager, Protech Pvt.Ltd. Mulbagal, Karnataka Veterinary Assistant Surgeon, Tamil Nadu Private Practice, Tambarami, Tamil Nadu
2019 up to 30.11.19	Bhagyashree Ojha Munavara Sultana Indian Garimela Pardhu	Veterinary Assistant Surgeon, Odissa Veterinary Assistant Surgeon, Tamil Nadu Veterinary Assistant Surgeon, Tamil Nadu Allana Sons Pvt. Ltd, Maharashtra

Name of the department: Poultry Science

Year	Name of the student	Placement particulars in ARS/and other national examinations/State level examinations or equivalent
2014-15	--	--
2015-16	--	--
2016-17	--	--
2017-18	Nibedita Nayak	ARS Scientist
2018-19	A. Varun B. R.Radhika X. Arun Bharathi	Asst. Professor VAS, Govt Of Tamilnadu VaAS, Govt. Of Pondicherry
2019 up to 30.11.2019	--	

Name of the department - Department of Veterinary Anatomy

Year	Name of the student	Placement particulars in ARS/and other national examinations/State level examinations or equivalent
2014-15	Dr.Archana Mahapatra Dr.R.Gnanadevi Dr.J.Violet Beulah	Cleared NET- Faculty in BHU Cleared NET- Faculty in TANUVAS Working as Veterinary Assistant Surgeon
2015-16	Dr.P.Dharani Dr.R.Kaavya	Cleared NET- Doing Ph.D Cleared NET- Working as Veterinary Assistant Surgeon
2016-17	Dr.T.Mayakannan Dr. R. Vimal Dr. N.Nafeesa Barveen Dr.Rashmi Singh Dr.Shazia Nissar	Cleared NET- Working as Veterinary Assistant Surgeon Cleared NET- Working as Veterinary Assistant Surgeon Cleared NET- Working as Veterinary Assistant Surgeon Cleared NET- Veterinary Assistant Surgeon Cleared NET – Teaching Assistant
2017-18	Dr.S.Bhargavi Dr.K.Kumar	Cleared NET – Self employed Doing Ph.D
2018-19	Dr.S.Senthilkumar Dr.N.Hemavathi Dr.Tulumoni Seal	Cleared NET- Doing Ph.D Cleared NET- Doing Ph.D Cleared NET - Self employed
2019 up to 30.11.2019	Dr.S.Rajathi Dr.Kanekanti.Raja Dr.Thokchom Shitarjit Singh	Faculty in TANUVAS Faculty in Sri Venkateswara Veterinary University Cleared NET- Doing Ph.D

Name of the department : Veterinary Biochemistry

Year	Name of the student	Placement particulars in ARS/and other national examinations/State level examinations or equivalent
2014-15	Dr. N. Muniyappan	ICAR NET Qualified – 01 As Asst. Prof., TANUVAS - 01
2015-16	Dr. T. Rama	ICAR NET Qualified – 01
2016-17	Dr. R. Karthikeyan Dr. V. Sukanya	ICAR NET Qualified – 02 Temporary VAS, TN AHD - 01
2017-18	Dr. Agnatha P V Rose Dr. P. Anjalai Devi Dr. R. Sivasakthi Dr. K. Abarna	Temporary VAS, TN AHD - 04
2018-19	---	---
2019 up to 30.11.2019	---	---

Name of the department : Veterinary Clinical Medicine

Year	Name of the student	Placement particulars in ARS/and other national examinations/State level examinations or equivalent
2014-15	1. V.Vibin	Kerala Veterinary Services Examination
2015-16	1. Chopel Gyatso Lachungpa	BSF Exam 2017
2016-17	1. M. Abilashaa 2. Varsha Mary Mathai	1. Karnataka Veterinary Services Examination 2. Kerala Veterinary Services Examination
2017-18	---	---
2018-19	---	---
2019 up to 30.11.2019	---	---

Name of the department : Department of Veterinary Preventive Medicine

Year	Name of the student	Placement particulars in ARS/and other national examinations/State level examinations or equivalent
2014-15	V.Naveen Kumar	
	Shafeena Shereef	
2015-16	M. Naresh Kumar	
	M . Surendhar	
2016-17	M. Sowmiya	Cleared NET ARS
	R.A. Raj Kumar	
(Ph.D)	V. Naveen Kumar	Cleared NET ARS
2017-18	Nil	
2018-19	Mitali Inder Bhambhani	Cleared CSIR UGC NET
	P.Revathi (Ph.D)	
2019 up to 30.11.2019	---	---

Name of the department: Department of Veterinary Microbiology

Year	Name of the student	Placement particulars in ARS/and other national examinations/State level examinations or equivalent
2014-15	Anne, N. Sweetline – M.V.Sc	Assistant Professor - TANUVAS
	Akalya, J. – M. V.Sc.,	-
	Sundarapandian, G. – Ph.D.,	Veterinary assistant Surgeon – Tamil Nadu
2015-16	RajasekaranRanjani - M.V.Sc	Senior Research Fellow – MVC, Tamil Nadu
	Sarika, N. - M.V.Sc	-
2016-17	Akhila.V.S - M.V.Sc	-
	S.K.Sakthi Thirumalai-M.V.Sc	-
	Marcia Ashmi - M.V.Sc	-
	Kamei Kakhulan - M.V.Sc	-
	Aliyu Abdullahi Masdooq-Ph.D	-
	P.Shilpa - Ph.D	Veterinary assistant Surgeon - Kerala
2017-18	Chinju Chithrakumar - M.V.Sc	Veterinary assistant Surgeon - Kerala
	Steffi Rajakumar, K. H.-M.V.Sc	Veterinary officer, Johnson & Johnson
	Subhashree Pradhan - M.V.Sc	Veterinary assistant Surgeon – Orisa
	Vetrivel.R- M.V.Sc	Veterinary assistant Surgeon – Tamil Nadu
2018-19	Eazhisai. R, - M.V.Sc	Veterinary assistant Surgeon – Tamil Nadu
	Hridya Susan Varughese-M.V.Sc	-
	Adarsh Mishra - Ph.D	Veterinary assistant Surgeon – Orisa
2019 up to 30.11.2019	Ranjani Rajasekaran - Ph.D	Senior Research Fellow – MVC, Tamil Nadu
	Kadade Datta Arun	Technical Manager - Globion

Name of the department : Veterinary Parasitology, MVC

Year	Name of the student	Placement particulars in ARS/and other national examinations/State level examinations or equivalent
2014-15	Arpitha .M Anish R.K	Veterinary Officer, State Animal Husbandry Department, Karnataka Pursuing Ph.D at College of Veterinary Science, Sri Venkateswara Veterinary University, Tirupati
2015-16	Abirami S Aravindhan G Samapika Sahoo Aravind M	Temporary Veterinary Assistant Surgeon, State Animal Husbandry Department, Tamil Nadu Temporary Veterinary Assistant Surgeon, State Animal Husbandry Department, Tamil Nadu Veterinary Assistant Surgeon, State Animal Husbandry Department, Odisha Selected in State Animal Husbandry Department, Tamil Nadu (IVPM, Ranipet)
2016-17	Gowrishankar S Vikas Karunakaran	Selected in State Animal Husbandry Department, Tamil Nadu (IVPM, Ranipet) Teaching Assistant, College of Veterinary Science, Mannuthy, Thrissur

2017-18	Neelakshi Deka	Pursuing Ph.D at College of Veterinary Science, Guwahati, Assam
2018-19	Shivani A Mamane Vishnupriya R	Currently pursuing MVSc at Madras Veterinary College Currently pursuing MVSc at Madras Veterinary College
2019 up to 30.11.2019	-	-

Name of the department : Veterinary Public Health and Epidemiology

Year	Name of the student	Placement particulars in ARS/and other national examinations/State level examinations or equivalent
2014-15	Bojiraj	ASRB NET VPH, AHD-TN
	Prabu	ASRB NET VPH, AHD-TN
2015-16	Karthikeyan	ASRB NET VPH, BSF – Asst, Commandant
	G.Suganya	ASRB NET VPH, AHD-TN
	Sonuware Begum	ASRB NET VPH, AP, Assam Medical College
2016-17	Ratheesh Kumar Radhika.	ASRB NET VPH
	Bhanurekha.V	ASRB NET VPH, Prof. & Head, VPH, RIVER
2017-18	Annal Selvamalar.P	ASRB NET VPH
2018-19	Anjana Joshy	ASRB NET VPH
	S.A.Anusha	ASRB NET VPH
2019 up to 30.11.2019	Deepak S.J	ASRB NET VPH, VAS, AHD, Karnataka

Name of the department: Veterinary Pharmacology and Toxicology

Year	Name of the student	Placement particulars in ARS/and other national examinations/State level examinations or equivalent
2014-15	M.V.S c	
	1. Dr. S. Angayarkanni	Private Sector
	2. Dr.S. Pavithra	Higher studies at IVRI-ICAR
	3. Dr.D. Yogaraj	Private Sector
	Ph.D	
	1.Dr. Anamika Vishwakarma	Madhya Pradesh State Government
2015-16	M.V.Sc	
	1. Dr.Jangyadutta Dash	State Government Job at Orissa
	2. Dr.J. Ranjth	Private Sector
	3. Dr.D. Sakthivel	Private Sector
	Ph.D	
	1. Dr. L. Kalaiselvi	In-service
	2. Dr. N. Muniappan	In-service
	3. Dr. Pule Addison	Private Sector

2016-17	M.V.Sc	
	1. Dr.S. Tharanya	Tamil Nadu State Government
	2. Dr.P. Vinothini	SRF-IVRI
2017-18	M.V.Sc	
	1. Dr.Bello Abu Barkar	Foreign candidate
	2. Dr.Nithya Priyadarshini	State Government Job at Karnataka
	3. Dr.S. Padmapriya	Tamil Nadu State Government
	4. Dr.K. S. Sriraam	Private Sector
	Ph.D	
	1. Dr. B. Monica	Ongoing
	2. Dr. Sooraj V. Nair	Discontinued for higher studies in UK
2018-19	3. Dr. M. R. Srinivasan	Ongoing
	M.V.Sc	
	1. Dr.T. Indhu	Discontinued for Tamil Nadu State Government Job
	2. Dr.R. Keerthana	
	3. Dr.U. Sreelakshmi	Ongoing
	Ph.D	
	1. Dr. Anurag Borthakur	Ongoing
	2. Dr. V. Ramakrishnan	Ongoing
2019 up to 30.11.2019	3. Dr. M. Sakthipriya	Ongoing
	M.V.Sc	
	1. Dr.G. Lavanya	Ongoing
	2. Dr.M. Pavithra	Ongoing
	Ph.D	
	1. Dr. Shinu Balima	Ongoing

Name of the department: Veterinary Physiology

Year	Name of the student	Placement particulars in ARS/and other national examinations/State level examinations or equivalent
2014-15	Dr. Manju G Preedha	Employed as VAS in TamilNadu State Govt
2015-16	Dr. V.Arul	Employed as VAS in TamilNadu State Govt
	Dr. Vikash Viswam	Employed as VAS in Kerala State Govt
2016-17	Dr. A. Deepika	Employed as VAS in TamilNadu State Govt
	Dr. Smruti Smita Mohapatra	Higher studies
	Dr. Yanben M. Kikon	Higher studies
2017-18	Dr. M. Raja	Employed as VAS in TamilNadu State Govt
	Dr. M. Vengatachalam	Employed as VAS in TamilNadu State Govt
	Dr. S. Lija	Employed as VAS in Kerala State Govt
2018-19	Dr. K. Rajamanickam	Higher studies
	Dr. Jayashree Gogoi	Higher studies
2019 up to 30.11.2019	Dr. Ponnambiga	-
	Dr. R.K.R. Sangamitra	Higher studies
	Dr. Sayeed Abeedin Nabil	Higher studies

Name of the department Veterinary Surgery and Radiology

Year	Name of the student	Placement particulars in ARS/and other national examinations/State level examinations or equivalent
2014-15	Krishnaveni N Sindhu G Nair	NET
2015-16		
2016-17	Balamurugan	NET
2017-18	-	
2018-19	Yamini Thakur	ICAR JRF
2019 up to 30.11.2019	-	

Name of the department: Wildlife Science

Year	Name of the student	Placement particulars in ARS/and other national examinations/State level examinations or equivalent
2014-15	-	-
2015-16	D.K. Ingole	ASRB ICAR NET, Veterinary Medicine
2016-17	-	-
2017-18	-	-
2018-19	-	-
2019 up to 30.11.2019	-	-

Name of the department – Veterinary Gynaecology and Obstetrics, Madras Veterinary College, Chennai

Year	Name of the student	Placement particulars in ARS/and other national examinations/State level examinations or equivalent
2014-15	A. Sabarinathan	Contract VAS, Tamil Nadu
	U.S.Kalyaan	Assistant Professor, TANUVAS
	Vineet Keshari	VAS, Madhya Pradesh
2015-16	V. Sharavanan	VAS, Tamil Nadu
	Pradeep Nag B.S.	Ph.D., NDRI, Karnal
	G.Monica	SRF, TANUVAS
2016-17	Dr. A.V.Joseph Ayyadurai	VAS, Tamil Nadu
	MITHUN RAJ, P.N	VAS, Karnataka State
	Dr.K.Navamani	VAS, Tamil Nadu
	Rahul G (MVM 15052)	Contract VAS, Kerala State
	A.Reshma & MVM 15053	Ph.D., TANUVAS
	Dr.A.Subramani	Contract VAS, Tamil Nadu

2017-18	Dr.Sameer Ali	Contract VAS, Tamil Nadu
	Dr.A.G.Nithin	VAS, Kerala State
	Dr.Ram Ranjan Patti	VAS, Orissa State
2018-19	M.Kanaga Devi	Contract VAS, Tamil Nadu
	K.Logapriya	Contact VAS, Tamil Nadu
	Mahali Bismuth	VAS, Assam State
2019 up to 30.11.2019	S.Sathishkumar	Pursuing M.V.Sc
	Rajput Shubhamsingh Chandansingh	Pursuing M.V.Sc

6.5.7.3. Awards/Recognitions/Certificates: Provide information on awards/recognitions/certificates in tabular form for last five years separately for students and faculty.

Name of the department Animal Biotechnology

Year	No. of awards	Name of the student	Type of award/details
2014-15	3	Dr. K. Brindha	Certificate - Best poster award – II prize
		Dr. K. Brindha	Certificate and a shield - Best oral presentation award- II Prize
		Dr. K. Brindha	Certificate - Best poster award – II prize
2015-16		Nil	
2016-17	1	T.S.Saravanan	Certificate - Best Oral Presentation Award
2017-18	1	R. Sangeetha	1st Prize for Poster Presentation
2018-19	1	M.Priyanka	1 st Prize for Best oral presentation
2019 up to 30.11.2019	2	Bhaskar	1st Prize for best poster award
		Vinod. P.S.	2nd Prize for best poster award

Name of the department Animal Genetics And Breeding

Year	No. of awards	Name of the student	Type of award/details
2014-15	1	Hisham, A. M.V.Sc Scholar	<u>Young Scientist Award.</u> International Symposium on “Sustainable Management of Animal Genetic Resources for Livelihood Security in Developing Countries” & XII Annual Convention of Society for Conservation of Domestic Animal Biodiversity (SOCDAB), held at MVC, Chennai – 7 between 13th and 14th February, 2015

2015-16	-	-	-
2016-17	1	1. M. Kousalya Devi M.V.Sc Scholar	<u>Young Scientist Award</u> , National Symposium and XIV Annual Convention of SOCDAB held at COVAS, Mannuthy, Kerala between 08th and 10th Feb., 2017.
2017-18	-	-	-
2018-19	1	1. R.Priyadharshini M.V.Sc Scholar	Second prize for Students' Research Project - Oral Presentation at Seminar cum Exhibition of the Students Projects Scheme held at National College, Tiruchirappalli on 21/07/2018.
2019 up to 30.11.2019	-	-	-

Name of the department : Livestock Products Technology (Dairy Science)

Year	No. of awards	Name of the student	Type of award/details
2014-15	1	K.V. Anandha Kumar	Dr. R.S. Paroda award
2015-16	-	-	-
2016-17	-	-	-
2017-18	-	-	-
2018-19	-	-	-
2019 up to 30.11.2019	-	-	-

Name of the department : Livestock Products Technology (Meat Science)

Year	No. of awards	Name of the student	Type of award/details
2014-15	1	National Seminar on "Education and Research Perspectives of Current and Future Trends of Meat Industry" on 15.12.2014- 16.12.2014 at Madras Veterinary College, Chennai-7	
		R.Illavarasan	Best Poster award "Effect of age on proximate composition, amino acid, fatty acid and cholesterol content in Madras Red Sheep meat"
2015-16	-		
2016-17	1	SurbhiYadhav	Best Poster Award "Effect of plant binder corn flour on the quality of novel enrobed chicken meat product"- "Inamudhu" in MOP Vaishnav College, Chennai on 27.01.2017 and 28.01.2017

2017-18	7	Sundaresan, G	Best Oral presentation “Utilization of buffalo trachea for optimal extraction of collagen and its identification by FTIR spectroscopy” presented at the XV Annual Conference of Indian Association of Veterinary Public Health Specialists and National Symposium on Intersectoral Approaches to Combat Zoonoses, Strategies and Challenges" held from 11.10.2017 to 13.10. 2017 at Tirupathi
		Best Oral presentation award Third Convention of the Association of Meat Scientists and Technologists and National Seminar on Food Adequacy and Climate Change: Strategies for Sustainable Food Production at Thrissur held on 03.11.2017 and 04.11.2017	
		Brindha, N	“Cost effective utilization of poultry and cruciferous material to develop a shelf stable pet food”
		Bilifang Daimary	“Sensory characteristics and proximate composition of barbecued pork prepared from low value meat”
		Bilifang Daimary	“Physico-chemical properties of value added barbecued pork
		Nandhini Devi	“A comparison of proximate composition of fresh and cooked duck meat”
		Tamil Selvan	“A survey on status of sheep slaughter in four meat zones of Tamil Nadu”
		Parameswari	“Physico-chemical properties of mechanically tenderised spent buffalo meat”
2018-19	1	C.Vasanthi	Best Poster Award (II prize) was awarded for the poster entitled "Development of functional fiber fortified chicken meat curls"- during th 8 th conference of Indian Meat Science Association and International Symposium on "Technological Innovations in Muscle Food Processing for Nutritional Security, Quality and Safety" held from 22.11.18 to 24.11.18 at FVASU, West Bengal University of Animal and Fishery Sciences, West Bengal, Kolkatta
2019 up to 30.11.19	6	Best oral and poster presentations- Fourth Convention of AMST and National Seminar on "Food Sovereignty: Innovations at intersection of Technology, Quality and Production held at NTR College of Veterinary Sciences, Gannavaram, Andhra Pradesh on 6.2.2019 and 7.2.2019	
		T.G. Prabhavathi	Oral- 1 st prize Extraction of keratin by microbial degradation of chicken feathers- an attempt to convert waste into wealth
		A.Muthukumar	Oral-1 st prize Live animal and carcass characteristics of large white yorkshire pigs reared under indian conditions at market age to evolve regression equation for prediction of their live and carcass weight

		G.N. Nithin Kumar	Oral- 1 st prize Physico-chemical and molecular characteristics of collagen extracted from chicken skin
		G.Pardhu	Poster-3 rd prize Comparision of physicochemical properties of keratin extracted from chicken and turkey feathers
		T.Nandini Devi	Poster- 2 nd prize Influence of cooking on the colour and texture profile of different muscle regions of duck meat
		J.K.Aswini Durga	Poster-1 st prize Determination of HAAs contents of different chicken meat products collected from different zones of Chennai

Name of the Department : Poultry Science

Year	No. of awards	Name of the student	Type of award / details
2014-15	-	-	-
2015-16	-	-	-
2016-17	2	Samapika Mahapatra	Venkateswara gold medal for best M.V.Sc thesis
		Samapika Mahapatra	SKM Gold medal for best M.V.Sc thesis in Avian studies
2017-18	4	N. Karunakaran	2 nd Prize at Kerala Veterinary Science Congress held at Cochin – Best oral presentation award in wild life session
		NibeditaNayak MVM 13025 (PSC)	B.V.RaoVenkateswara Hatcheries Medal for Best MVSc student in the subject of Poultry Science.
		NibeditaNayak MVM 13025 (PSC)	SKM Animal Feeds and Foods (India) Ltd. – Gold Medal for Best MVSc student in the subject of Avian Studies.
		NibeditaNayak MVM 13025 (PSC)	Thiru. S. K. Maeilanandhan Medal for Best MVSC thesis in Poultry Science
2018-19	12	A. Varun, Ph.D Scholar (DPV (M) 16008 (PSC))	I prize for best Oral presentation in Session II: Native Chicken Conservation and Breeding in National Conference on ‘Native chicken production: Opportunities for conservation, productivity enhancement And commercial exploitation in view of global warming’ organized by Poultry Research Station at Madras Veterinary College, Chennai -7 on 19-20 December, 2018
		A. Varun, Ph.D Scholar (DPV (M) 16008 (PSC))	II prize for best Oral presentation in Session IV: Management and Biosecurity of Native Chicken in National Conference on ‘Native chicken production: Opportunities for conservation, productivity enhancement And commercial exploitation in view of global warming’ organized by Poultry Research Station at Madras Veterinary College, Chennai -7 on 19-20 December, 2018

		J. Jamima, M.V.Sc scholar (MVM 17024 (PSC))	II prize for best oral presentation in Session V: Value addition Marketing and Economics in National Conference on 'Native chicken production: Opportunities for conservation, productivity enhancement And commercial exploitation in view of global warming' organized by Poultry Research Station at Madras Veterinary College, Chennai -7 on 19-20 December, 2018
		Dr. R. Radhika	Alumini Association Medal for MVSc examination 2016 held by TANUVAS
		Dr. R. Radhika	PuratchiThalaiviDr. J. Jayalalitha Endowment for best lady students in MVSC during 2016 as a candidate from MVC.
		Dr. R. Radhika	SKM Animal Feeds and Foods (India) Ltd. Gold medal for the best MVSC student in Avian Studies
		Dr. R. Radhika	Dr. SakkubaiPaturiRamachandran and SivaramakrishnierRamachandran Gold Medal for best out going girl student in MVSc degree
		Dr. R. Radhika	Dr. A. L. Mudaliar Prize for highest OGPA/ marks in the MVSc examination held by the TANUVAS in the faculty of Veterinary Sciences - 2016
		Dr. R. Radhika	Dr. B.V, Rao Venkateswara Hatcheries medal for best MVSc student in the subject of Poultry Science
		Dr. ArunBharathi	Dr. B. V. Rao Venkateswara Hatcheries Medal for best MVSc student in the faculty of Veterinary Science during 2017 as a candidate from MVC
		Dr. S. Sivaramakrishnan	SKM Animal Feeds and Foods (India) Ltd. Gold Medal for best MVSc student in Avian Studies in recognition of his/ her performance in MVSC examination held during 2017.
		Shilpa, B (BVM 13095)	Western Hatcheries Ltd, Gold Medal for the year 2018 for highest GPA in Poultry science
2019 up to 30.11.2019			

Name of the department: Centre for Stem Cell Research & Regenerative Medicine

Year	No. of awards	Name of the student	Type of award/details
2014-15	-	-	-
2015-16	-	-	-
2016-17	1	Dr.Archana Mahapatra	Award for best MVSc thesis.
2017-18	1	Dr. R.Kaavya	Award for best MVSc thesis.
2018-19	1	Dr.Shazia Nisaar	Award for best Ph.D thesis.
2019 up to 30.11.2019	1	-	-

Name of the department - Department of Veterinary Anatomy

Year	No. of awards	Name of the student	Type of award/details
2014-15	1	Archana Mahapatra	1. Awarded "Dr.C.Vijayaragavan Memorial silver jubilee Medal and award" for "Best paper in Developmental Anatomy" by Indian Association of Veterinary Anatomist in 2015
2015-16	2	Dr.R.Kaavya	1. Awarded "Best Paper Award" by Indian Association of Veterinary Anatomist in 2016. 2. Awarded "A.M.Srivastava Gold medal and award" for the Best M.V.Sc Thesis award by Indian Association of Veterinary Anatomist in 2017.
2016-17	1	Dr.Shazia Nissar	Awarded "A.M.Srivastava Gold medal and award" for the Best Ph.D Thesis award by Indian Association of Veterinary Anatomist in 2018.
2019 up to 30.11.2019	2	Dr.S.Rajathi	Awarded "Dr.C.Vijayaragavan Memorial silver jubilee Medal and award" for "Best paper in Avian Anatomy" by Indian Association of Veterinary Anatomist in 2019
		Dr.P.Dharani	Awarded "Dr.K.N. Vyas and Dr.Y.L. Vyas Medal and award" for the Young Scientist award by Indian Association of Veterinary Anatomist in 2019.

Name of the department Veterinary Clinical Medicine

Year	No. of awards	Name of the student	Type of award/details
2014-15	3	M.Venketesan	University Medal: Dr.V.Gnanaprakasam Gold Medal for research in large animals for M.V.Sc
		S.Hamsa Yamini	University Medal: Alved Gold Medal for highest OGPA for M.V.Sc
		M.Sandhya Bhavani	Young Scientist award – First Place by awarded by Indian society for Veterinary Medicine For M.V.Sc
2015-16	3	V.Vibin	University Medal: Alved Gold Medal for highest OGPA for M.V.Sc
		S.Hamsa Yamini	Young Scientist award – First Place by awarded by Indian society for Veterinary Medicine For M.V.Sc
		P.Indhuja	Young Scientist award – Second Place by awarded by Indian society for Veterinary Medicine For M.V.Sc

2016-17	1	A.Kokilapriya	University Medal: Alved Gold Medal for highest OGPA for M.V.Sc
2017-18	2	Chopel Gyatso Lachungpa	University Medal: Alved Gold Medal for highest OGPA for M.V.Sc
		C.S.Arunaman	University Medal: Dr.V.Gnanaprakasam Gold Medal for research in large animals for Ph.D
2018-19	2	R.Jasmin	University Medal: Alved Gold Medal for highest OGPA for M.V.Sc
		Md. Ismail	University Medal: Dr.V.Gnanaprakasam Gold Medal for research in large animals for M.V.Sc
2019 up to 30.11.2019		M.Sandhya Bhavani	Young Scientist award – First Place by awarded by Indian society for Veterinary Medicine for Ph.D

Name of the department: Department of Veterinary Preventive Medicine

Year	No. of awards	Name of the student	Type of award/details
2014-15	Nil		
2015-16	1	V.Naveen Kumar (M.V.Sc.,)	Best Master's Thesis award (Genesis Urban and rural development society)
2016-17	Nil		
2017-18	Nil		
2018-19	2	V.Naveen Kumar (Ph.D.)	I prize in Student Award. Thangaraj Best student award (The International Conference on Role of Veterinary Science in Farmers' Livelihood, Madras Veterinary college)
2019 up to 30.11.2019	1	M . Asokkumar (Ph.D)	Dr. Malcolm S. Adi seshiah Medal for the best Ph.D thesis in Preventive Medicine

Name of the department: Department of Veterinary Microbiology

Year	No. of awards	Name of the student	Type of award/details
2014-15	Three	Akalya, J	M.V.Sc medals 2014– TANUVAS Convocation 2015
	Three	Anne, N. Sweetline	M.V.Sc medals 2015– TANUVAS Convocation 2015
2015-16	Three	Sarika.N	M.V.Sc medals 2016 –TANUVAS Convocation 2017
2016-17	Two	Vidhya.M	Ph.D.,medals 2016 –TANUVAS Convocation 2018

2017-18	5 awards	Ranjani Rajasekaran	ISVIB-GADVASU women scientist award 2017
		Hridya Susan Varughese	ISVIB- VCRI Namakkal Silver Jubilee student travel grant award-2017
		M. Ananda Chitra,	Best oral presentation award – IAVMI
		Adarsh Mishra	Best oral presentation award – IAVMI
		Adarsh Mishra,	Best oral presentation award - Society for Vet. Science & Biotechnology
	Two	Subhashree Pradhan	M.V.Sc medals – TANUVAS Convocation 2017
2018-19	-		
2019 up to 30.11.2019	-		

Name of the department Veterinary Parasitology, MVC

Year	No. of awards	Name of the student	Type of award/details
2014-15	-	-	-
2015-16	1	R. Selvakumar	Second prize in poster presentation at the 25 th NCVP and National Symposium at Madras Veterinary College from 17.02.2016 to 19.02.2016 -organised by Dept. Veterinary Parasitology, MVC, Chennai-7.
2016-17	1	Samapika Sahoo	First prize in Oral presentation at the 26 th NCVP and National Symposium at Veterinary College, Shimoga from 15.02.2017 to 17.02.2017 -organised by Dept. Veterinary Parasitology, Veterinary College, Shimoga
2017-18	5	R.K. Anish	25 th NCVP Award for best M.V.Sc., thesis at the XXVII National Congress of Veterinary Parasitology and National Symposium on Technologies for sustainable parasite control and readdressal of detection methods directed for upliftment of rural economy held at Veterinary College, Navania, Udaipur from 12-14 February 2018

		S.T. Bino Sundar	<p>1. Ms Saraswathi Anandan Award for best Ph.D Thesis at the XXVII National Congress of Veterinary Parasitology and National Symposium on Technologies for sustainable parasite control and readdressal of detection methods directed for upliftment of rural economy held at Veterinary College, Navania, Udaipur from 12-14 February 2018</p> <p>2. Ms. Venky's (India) Ltd Gold medal for the best Ph.D thesis in the field of poultry genetics, poultry nutrition, poultry management, poultry disease prevention and in thesis connected with poultry as main field of research (2017) during the 20th convocation of TANUVAS held on 06.12.2018.</p>
		Sushmita Sastya	Third prize in Oral presentation at the XXVII National Congress of Veterinary Parasitology and National Symposium on Technologies for sustainable parasite control and readdressal of detection methods directed for upliftment of rural economy held at Veterinary College, Navania, Udaipur from 12-14 February 2018
		S. Gowrishankar	First prize in Oral presentation at the XXVII National Congress of Veterinary Parasitology and National Symposium on Technologies for sustainable parasite control and readdressal of detection methods directed for upliftment of rural economy held at Veterinary College, Navania, Udaipur from 12-14 February 2018
2018-19	3	S. Gowri Shankar-3	<p>1. IAAVP Young scientist award</p> <p>2. Optima-SC Gupta JR Rao award for best MVSc Thesis</p> <p>3. First prize in Poster presentation at the 28th National Congress of Veterinary Parasitology and National Symposium Held at College of Veterinary Science, Tirupati from 28th – 30th January, 2019.</p>
2019 up to 30.11.2019	-	-	-

Name of the department : Veterinary Public Health and Epidemiology

Year	No. of awards	Name of the student	Type of award/details
2014-15	Four	Aswar Netra	Conference Award – Certificate of Appreciation – Best Oral Presentation - – Kerala Science Congress, 2015
		V.Bhanu Rekha	Conference Award – Certificate of Appreciation – Best Oral Presentation - LUANAR and MSU
		V.Bhanu Rekha	Conference - Certificate of Appreciation - Best Oral Presentation - UKIERI, University of Notingham and Virginia tech
		K.Prabu	Conference - Certificate of Appreciation – Global Public Health Conference, 2015
2015-16	Five	V.Banu Rekha	Conference - Certificate of Appreciation - Best Oral Presentation - First National Conference on Scientific Tamil at Madras Veterinary College, Chennai
		M.Bojiraj	Conference - Certificate of Appreciation – - International Symposium on Current Challenges and Translational Research to augment animal reproduction
		T.Giri	Conference - Certificate of Appreciation – AMSTCON
		K.Prabu	Conference - Certificate of Appreciation – AMSTCON
		Sonuwara Begum	Conference - Certificate of Appreciation -Best Oral Presentation - 7th Kerala Veterinary Science congress 2015, at Pookode
2016-17	NIL -		
2017-18	Six	Amal Rose T F	Second prize for the e-poster on the topic of “White Revolution” on National Milk Day Celebrations conducted at the Department of LPT (Dairy Science), MVC, Chennai.
		Anjana Josy	Conference Award - Certificate of Appreciation Best Oral Presentation and Best Poster Awards - in the national symposium and conference on “Environmental and Health impacts session at National Symposium on “Intersectoral Approaches to combat Zoonoses: Strategies and Challenges” at C.V.Sc Tirupathi

		Deepak ,S.J	Mahendra pal best oral presentation award at National Symposium on “Intersectoral Approaches to combat Zoonoses: Strategies and Challenges at College of Veterinary Science, Tirupati, Andhra Pradesh
		S.Indumathi	Conference Award - Certificate of Appreciation Best Oral Presentation and Best Poster Awards - in the national symposium and conference on “Environmental and Health impacts session at National Symposium on “Intersectoral Approaches to combat Zoonoses: Strategies and Challenges” at C.V.Sc Tirupathi
		RadhikaR.Kumar	Conference Award - Certificate of Appreciation Best Oral Presentation - at the National Seminar on “Effect of climate change on Zoonoses” organized by department of Veterinary Public Health, RIVER, Puducherry, 2017
		G.Suganya	Second prize in poster session under Epidemiological surveillance of zoonotic diseases and disease ecology at National Symposium on “Intersectoral Approaches to combat Zoonoses: Strategies and Challenges held at College of Veterinary Science, Tirupati, Andhra Pradesh
2018-19	One	Anjana Josy	Conference Award - Best Oral presentation award. Annual Symposium & National Conference of IAVPHS, at Nagpur Veterinary College, Nagpur
2019 up to 30.11.2019	Three	P. Annal Selva Malar	First Prize for a paper presented at International Conference on Role of Veterinary Science in Farmer’s Livelihood, 2019 held at Madras Veterinary College.
		P. Annal Selva Malar	First Prize for a paper presented at International Conference on Role of Veterinary Science in Farmer’s Livelihood, 2019 held at Madras Veterinary College.

Name of the department: Veterinary Pharmacology and Toxicology

Year	No. of awards	Name of the student	Type of award/details
2014-15	-	-	-
2015-16	-	-	-
2016-17	2	Dr. S. Pavithra	TANUVAS Medal for Best M.V.Sc in Pharmacology and Toxicology
		Dr. Anamika Vishwakarma	Best oral presentation in Indian Society for Veterinary Pharmacology and Toxicology-2017 Conference at Hisar, India
2017-18	1	Dr. D. Sakthivel	TANUVAS Medal for Best M.V.Sc in Pharmacology and Toxicology
2018-19	1	Dr. P. Vinothini	
2019 up to 30.11.2019	-	-	-

Name of the department: Veterinary Physiology

Year	No. of awards	Name of the student	Type of award/details
2014-15	Nil	-	-
2015-16	Nil	-	-
2016-17	Nil	-	-
2017-18	1	K. Rajamanickam	II Best poster award on one day National Seminar on “Effect of climate change on zoonoses”, RIVER, Puducherry on 06.07.2017 for the paper “ Heat shock proteins in zoonotic infection”
2018-19	Nil	-	-
2019 up to 30.11.2019	2	R.K.R. Sangamitra	I Best oral presentation at TNSCST Student project scheme at Kalasalingam Academy of Education & Research (Kalasalingam University) Srivilliputur on 19.07.2019.
		K. Rajamanickam	Best oral Presentation in International DNA day at Puducherry on 25.04.2019.

Name of the department Veterinary Surgery and Radiology

Year	No. of awards	Name of the student	Type of award/details
2014-15	-	-	-
2016-17	-	-	-
2017-18	2	Dr R Sivashankar Dr Neelima Prabha Dasari	Dr Menon Medal for Best PhD Thesis
2018-19	1	Dr M Balamurgan	Award for research in Equines
2019 up to 30.11.2019	-	-	-

Name of the department: Wildlife Science

Year	No. of awards	Name of the student	Type of award/details
2014-15	-	-	-
2015-16	-	-	-
2016-17	1	Boon Alwin, Ph.D Students	First prize in the oral clinical cases presented and also best paper award for paper on “ A NON INVASIVE PROSTHESIS FOR AN INDIAN STAR TORTOISE (<i>Geochelone elegans</i>)” in the ‘8 th International Clinical Case Conference on Farm and Companion Animal Practice for Veterinary Students” held at Madras Veterinary College, during 12 th – 13 th August 2016.
2017-18	1	K.Saranya	Second prize in the oral clinical cases presented was offered for her paper on “PCR Assay for the diagnosis of Mycoplasma in Exotic pet birds – A case report” in the ‘9 th International Clinical Case Conference on Farm and Companion Animal Practice for Veterinary Students” held at Madras Veterinary College, during 3 rd – 4 th August 2017
2018-19	-	Dr.M.Palanivelrajan	<p>•Certificate of Award – Second for the oral session - Stream A “Infectious disease of captive and free ranging wild animals” on “First report on molecular identification of <i>Baylisascaris transfuga</i> infection in Sloth Bear (<i>Melursus ursinus</i>) in South India” in the 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” on 29th-30th September, 2018 at College of Veterinary and Animal Sciences, GBPUA&T, Pantnagar – 263 145 U.S. Nagar, Uttarakhand.</p> <p>Certificate of Award – Third in the technical session – Aquatic animal and avian medicine on the “Deflation treatment of sub – cutaneous emphysema in a Blue Rock Pigeon (<i>Columiba liviia</i>)” by Deeptimayee Pattanayak, Ruchika Lakshmanan K.Senthilkumar, Mohamed Shafiuzama and M.Palanivelrajan in the 36th Annual convention of Indian Society for Veterinary Medicine & National Symposium on “Animal health Service Delivery – The priorities of the Professionals for Enhancing Farmer’s Income” on 1st–3rd February, 2018 organized by College of Veterinary Science and Animal Husbandry at Orissa University of Agriculture and Technology, Bhubaneswar – 751 003, Odisha</p>

		Deeptimayee Pattanayak	<ul style="list-style-type: none"> •Certificate of Award – Third in the technical session – “Zoo, Wild and Exotic Animal Medicine” on the “Management of feather destructive behaviour in an alexandrine parakeet (<i>Psittacula eupatria</i>)” by Deeptimayee Pattanayak, A. Ramakrishnan, K.Senthilkumar and M. Palanivelrajan in the 36th Annual convention of Indian Society for Veterinary Medicine & National Symposium on “Animal health Service Delivery – The priorities of the Professionals for Enhancing Farmer’s Income” on 1st–3rd February, 2018 organized by College of Veterinary Science and Animal Husbandry at Orissa University of Agriculture and Technology, Bhubaneswar – 751 003, Odisha
2019 up to 30.11.2019	1	Ruchika Lakshmanan	Third prize for oral presentation on paper “Influence of enrichment on behaviour and faecal steroids in captive tigers” presented at International conference ADVETCON, 2019, CCMB, Hyderabad.

Name of the department: Animal Nutrition

Year	No. of awards	Name of the student	Type of award/details
2014-15	9	Dr.J Ramesh	‘TANUVAS Medal for Veterinary and Animal Sciences for the best Ph.D. student in the Faculty of the Veterinary and Animal Sciences’.
			‘Chancellor of TANUVAS Dr.R.Rosaiah Award’ for the best Ph.D. student securing highest OGPA in Animal Production subjects.
			Dr.P.Richard Masillamony Endowment Award’ for the best outgoing Ph.D. student in the Faculty of the Veterinary and Animal Sciences’.
			TANUVAS Alumni Association Medal for the best Ph.D. student in the Faculty of the Veterinary and Animal Sciences’.
		Dr.N.Aparna	Dr.Sukkubai Putri Ramachandran and Sivaramakrishnaier Rmamachandran gold medal for the Best and outgoing Girl student in M.V.Sc degree programme in TANUVAS.
			‘Puratchi Thalavi Dr.J.Jayalalithaa Endowment’ for the Best Lady student in M.V.Sc.
			‘SKM Animal Feeds and Foods (India) Ltd. Gold medal Award’ for the best M.V.Sc. student in Avian Studies.
			‘Dr.N.Natarajan and Tmt. Lakshmi Natarajan Endowment Gold medal’ for the best M.V.Sc student who secured highest OGPA in Animal Science.
			‘TANUVAS Alumni Association Medal’ for the best M.V.Sc. student in the Faculty of the Veterinary and Animal Sciences.

2015-16	2	Dr.N.Arulnathan	'Chancellor of TANUVAS Dr.R.Rosaiah Award' for the best student in Animal Production subjects.
			'SKM Animal Feeds and Foods (India) Ltd. Gold medal Award' for the best Ph.D. student in Avian Studies.
2016-17	3	Dr.N.Aparna	'Chancellor of TANUVAS Dr.R.Rosaiah Award' for the best Ph.D. student securing highest OGPA in Animal Production subjects.
			'SKM Animal Feeds and Foods (India) Ltd. Gold medal Award' for the best Ph.D. student in Avian Studies.
		Dr.J.Subashini	Chancellor of TANUVAS Dr.M.Channa Reddy Award for the best M.V.Sc. student in the subject of Animal Nutrition.
2017-18	2	Dr.R.Murugeswari	'Chancellor of TANUVAS Dr.R.Rosaiah Award' for the best student in Animal Production subjects.
		Dr.A.Abinaya	Chancellor of TANUVAS Dr.M.Channa Reddy Award for the best M.V.Sc. student in the subject of Animal Nutrition.
2018-19			
2019 up to 30.11.2019			

Name of the department – Veterinary Gynaecology and Obstetrics, Madras Veterinary College, Chennai

Year	No. of awards	Name of the student	Type of award/details
2014-15	2	Dr.Ananga Kumar Das, PG Scholar	S.N. Luktuke award for Best extempore presentation in the ISSAR Convention, 2014
		Dr.U.S.Kalyaan	S.N. Luktuke award for Best extempore presentation in 30 th Annual convention of Indian Society for Study of Animal Reprod., 20.11.2014-22.11.2014
		A.Abinaya, N.Arunmozhi, T.Sathiyamoorthy	Best Presentation in Canine Reproduction, 6 th Clinical Case Conference, 3.07.2014-04.07.2014
		Sathiamoorthy T., N.Arunmozhi, P.Sridevi, A.Sabarinathan and K.Kulasekar	Best poster presentation, 30 th Annual convention of Indian Society for Study of Animal Reprod., 20.11.2014-22.11.2014.
		Jemimah E.R., N.Arunmozhi, T.Sarath, P.Pothiappan, T.S.Gnanaraj and S.Balasubramanian	Best oral in Gynaecology Session, 30 th Annual convention of Indian Society for Study of Animal Reprod., 20.11.2014-22.11.2014

		N.Arunmozhi, T.Sathiamoorthy, U.S.Kalyaan, J.Umamaheswari and P.Sridevi	Best Poster - Canine Reproduction, International Symp. on Current Challenges and Translational Research to Augment Animal Reprod., 04.12.2014-05.12.2014
2015-16	3	N. Arunmozhi, U.S.Kalyaan, T.Sathiamoorthy, T.Sarath, K.Krishnakumar and J.Umamaheswari	Best Research Paper Presented, First Tamizh National Conference, 13-14, June, 2015
		G.Monica, T.Sarath, S.Balasubramanian, U.S.Kalyaan, B.S.Pradeep Nag, T.Sathiamoorthy	Best Research Paper Presented, First Tamizh National Conference, 13-14, June, 2015
		B.S.Pradeep Nag	Best Extempore Presentation, 31 st ISSAR Annual Convention, Bengaluru, 3 rd to 5 th , December, 2015
2016-17	4	Nur Anis Adilah Binti Rosli, J.Umamaheswari, P.Sridevi, N.Arunmozhi and Cecilia Joseph	Second place in small ruminant session, 8 th Clinical case conference Compendium, TANUVAS, 12.08.2016 – 13.08.2016
		S.Haripriya, T.Sarath, R.Sureshkumar and N.Arunmozhi	Third place in Large animal Reproduction – UG, 8 th Clinical case conference Compendium, TANUVAS, 12.08.2016 – 13.08.2016
		A.Reshma, N.Arunmozhi and P.Sridevi	Best Oral Presentation in Companion Animal Reproduction – PG, 8 th Clinical case conference, MVC, 12.08.2016 – 13.08.2016
		A.Reshma, P.Sridevi and N.Arunmozhi	Best Poster Presentation – Equine Pet and wild Animal Session, 32 nd ISSAR Convention at College of Veterinary Sciences, Tirupati 06.12.2016 to 08.12.2016
2017-18	3	Nithin A.G.	II Best oral presentation, 9 th Clinical Case Conference, Madras Veterinary College 03.08.2017 – 04.08.2017
		M.Sameer Ali, N.Arunmozhi, P.Sridevi and R C Rajasundaram	Best young scientist award, 33 rd ISSAR Convention at West Bengal Veterinary Council, Kolkata 09.02.2018 to 11.02.2018
		Rangasamy S	Best Research paper, 33 rd ISSAR Convention at West Bengal Veterinary Council, Kolkata 09.02.2018 to 11.02.2018

2018-19	2	M. Kanaga Devi, P. Sridevi and N.Arunmozhi	First place in companion animal reproduction – PG, 10 th Clinical case conference, MVC, 28.09.2018 –29.09.2018
		B.S.PradeepNag, N.Arunmozhi, T.Sarath, G.Monica, D.Gopikrishnan and K.Krishnakumar	Best Young Scientist Award, Poster Presentation, Assisted Reproductive Technology, 34 th ISSAR conference, 2018, 30.12.2018
2019 up to 30.11.2019	4	Aparna Gopinathan, P.Sridevi and N.Arunmozhi	First place in companion animal gynaecology and obstetrics – UG, TANUVAS 1st Intra University Students Clinical Case Conference, VC&RI, Orathaadu – 05.04.2019
		Aparna Gopinathan, P.Sridevi and N.Arunmozhi	Overall best presentation – UG, TANUVAS 1st Intra University Students Clinical Case Conference VC&RI, Orathaadu – 05.04.2019
		S.Sathishkumar, N.Arunmozhi, P.Sridevi	Second place in companion animal reproduction – PG, 11 th Clinical case conference, MVC, 30.08.2019 to 31.08.2019
		A.Reshma, N.Arunmozhi, J.Umamageswari, T.Sathiamoorthy and P.Sridevi	Second place in best oral presentation in ISSRF, CVSc., Tirupati, 16.10.2019

Name of the department: Department of Veterinary Pathology

Year	No. of awards	Name of the student	Type of award/details
2014-15	1	Dr. Mugale Madhav Nilakanth	Best Poster Award (First Prize) in National Seminar on Contemporary Toxicologic Pathology in India, South Zone Conference of IAVP, 11 & 12th February 2015, Pookode.
2015-16	-	-	-
2016-17	3	Dr.R.Anandaraja– 3	Best paper oral presentation award in TANUVAS, Chennai and Agricultural Scientific Tamil Society, New Delhi at MVC, Chennai during 13- 14th June 2015
			Best oral presentation award in Recent Advances in Aquaculture (RAA-2016)
			Best oral presentation award in International conference on aquatic animal health and parasitic disease-ICAAP-2017
2017-18	3	Dr. R.Saahithya– 2	ASVP best poster presentation award in IAVP – ICVP international conference
			ICVP consolation award in IAVP – ICVP international conference
		Dr. S.Hemalatha– 1	ASVP best poster presentation award in IAVP – ICVP international conference
2018-19	5	Dr. R.Saahithya - 5	University awards for Postgraduation (PG)
2019 up to 30.11.2019	3	Dr. U. Naseema – 3	University awards for Postgraduation (PhD)

Name of the department: Department of Clinics, Madras Veterinary College, Chennai-7

Year	No. of awards	Name of the student	Type of award/details
2014-15	9	M.Azhaguraja S.A.Anusha Nisha	Certificate 6 th international clinical case conference for next generation veterinarians to face challenges in clinical practice held at Madras Veterinary College on 3 rd -4 th , July 2014.
2015-16	7	Ali Ginah Maria Binny	Certificate 7 th International case conference on farm and companion animal practice for veterinary students, 2015
2016-17	14	Nur Anis Adilah Binti Rosli Sai Aravinth Akshaya Devi Anusha Boji Raj S.Haripriya Nani	Certificate 8 TH TANUVAS & MARS International Clinical Case Conference, 2016
		M. Boji Raj	Certificate Best Poster presentation award, ISSAR Convention, Certificate
2017-18	4	Subashini Thangavel Izzati Vijay Ramnath Roja	Certificate TANUVAS 9 th Clinical Case Conference On Farm And Companion Animal Practice For Veterinary Students, 2017
2018-19	10	G.R.Athira Aishwariya Deepesh Kumar Singh Naveena Aishwarya Saranya Gokul Salma	Certificate TANUVAS 10 th Clinical Case Conference on Farm and Companion Animal Practice is scheduled from 27 th to 29 th September 2018
2019 up to 30.11.2019	7	Mahalakshmi Kamani Dinesh Reddy A.Reshma Logasri Satish Kumar Karthik	Certificate TANUVAS 11 th Clinical case conference on farm and companion animal practice for veterinary students 30.8.19 to 31.8.19, MVC, Chennai

6.5.7.4. Employability: What are the set of achievements such as skills, understandings and personal attributes that make College students more likely to gain employment and be successful in their chosen occupations, which benefits themselves, the workforce, the community and the economy? Provide one page note on the subjects.

The students are exposed to various programmes on personality/skill development, entrepreneurship activities, along with industrial/ farm visits. The students are trained in therapeutic management of sick animals, and poultry farming through the ICAR experiential learning programmes. The students also

The six month internship training program emphasizes mentoring, direct supervision, and teaching experiences. It provides practical experience in applying knowledge gained during the professional curriculum and an opportunity to obtain further training in the both Veterinary Sciences and Animal Husbandry.

These internship training programs are structured to prepare veterinary students for clinical practice/ field application. It is focused on multiple fields such as surgery, emergency, and critical care, zoological medicine, domestic animal husbandry, meats and poultry science and other such areas .

The University Students Counselling and Placement cell (USCPC) was established with the main objective of strengthening the process of providing the best possible career option, development of personality, creating scope for improving skills and other human resource development activities. It has been strengthened to cater the needs of university students from the faculties of veterinary, livestock, poultry and dairy technology for their placement in reputable institutions/ organizations. The USCPC helps TANUVAS student alumni to make informed choices regarding their future careers and understand their career aspirations. It also offers a wide range of services to TANUVAS undergraduate and postgraduate students by offering career advice and guidance, provides information on courses, fairs, presentations, talks and workshops/ coaching for competitive examinations. In addition, it also provides tailored advice and information for graduates, employers, university staff and prospective students.

6.5.8. SSR of the College must have the SSR of all its Degree Programmes (following section 6.4), then the report of the Colleges shall be considered.

6.5.9. Certificate (Applicable when SSR is submitted for Programmes & College).

I, the Dean R. Karunakaran hereby certify that the information contained in Sections 6.4 and Section 6.5.1 to 6.5.7.4 are furnished as per the records available in the college and degree awarding university.

Signature of the Dean of the college with Date & Seal

Dr. R. KARUNAKARAN, Ph.D.,

Dean

Madras Veterinary College,
Chennai-600 007.

6.5.10. Each college shall submit SSR as mentioned in 6.5.8. It shall be prerequisite for the SSR of the Agricultural University.

ANNEXURE

6.5.2.3. Credentials of the Faculty

6.5.2.3- Credentials of the Faculty

Name of the department : Animal Bio-Technology

Name of the department : Animal Bio Technology													
Name of faculty	Designation of the faculty	Highest Qualification	Related work experience in field (in years)		Membership in professional bodies, certified courses, fellowship, diplomates in specialized boards (details)	Honours and awards	Continuous documented excellence in teaching				Other demonstrated competencies (publications, projects handled)		Achievements – effective teaching and learning outcomes (write salient achievement only as bullet points)
			Teaching				Details of courses handled				Publications (PEER REVIEWED)		
K. Brindha	Associate Professor	Ph.D.	Teaching	15	<ul style="list-style-type: none">• Founder member of Laboratory Animal Scientists Association• Member of Tamil Nadu Veterinary Council• Member of Indian Society for Veterinary Immunology and Biotechnology• Member of Indian Veterinary Public Health Association• Member of Indian Society for Animal Reproduction• Member of Tamil Agricultural Scientific Society	<ul style="list-style-type: none">• Medallist - Recipient of Dr. R. Eswaran Memorial award for the best Ph.D. student in the subject of Biotechnology• Medallist - Recipient of 'Dr.R.Eswaran Memorial Prize' for being the best student in the subject of Biotechnology in M.V.Sc.,• National level award for being the best academician in B.V.Sc., - 'Pfizer Veterinary award winner'.• Awarded the TANUVAS Merit Scholarship to pursue M.V.Sc.• Won the first prize in Students project scheme under Tamil Nadu State Council for Science and Technology• Won 'Best Poster Presentation' – 5 forums• Won 'Best Paper Presentation' – 3 forums• Awarded overseas training on 'Transgenic animals' under ICAR-NAIP – HRD Component for Capacity Building during 25th Mar to 22nd June 2010 at Ohio State University, USA• Co-course coordinator	Details of courses handled		<ul style="list-style-type: none">• DPS 803 - Advanced Reproductive techniques and transgenic animals• ABT 610 - Advances in Reproductive biotechnology• ABT 804 - Trends in Vaccinology• FST 611 - Advances in Food Biotechnology• MBT 611 - Microbial Biotechnology• FMC 212 - Fermentation and Industrial Microbiology• ABT 321 - Animal Biotechnology• VBC 122 - Introduction to Molecular Biology & Biotechnology• ABT 312 - Biotechnological approaches in food processing• ABT 803 - Advances in Reproductive biotechnology• Diagnostic study circle		Publications (PEER REVIEWED)	34 https://scholar.google.com/citations?user=kzPtMe8AAAAJ&hl=en	Teaching Manual preparation for students and filed veterinarians, Video film, Technical manual for IVF and ICSI.
			E-modules prepared				<ul style="list-style-type: none">• Development and updating of online contents for the PG diploma course on advanced reproductive biotechnology in animal models (PGDARB)• Video film on "Multiple ovulation and embryo transfer"• Video film on the "In vitro fertilization in farm animals"• Video film on the "Oviductal epithelial cell culture"						
			Research	15			Research Guidance	M.V.Sc	Ph.D.	Others	Projects		
			Extension	15			Chairman	1	0	5	Completed	Ongoing	
							Member	1	0	2	1. Elite cow programme – Seromonitoring for brucellosis, tuberculosis and Johne's disease -Co-	1. Augmenting reproductive and production potential through adoption of assisted reproductive techniques using	

[illegible]

											onal level of development ally important genes in preimplantati on buffalo embryos		
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Dr.S.Meignana lakshmi	Professor	Ph.D.	Teaching	19	I. Membership in Professional bodies 1.Tamilnadu state veterinary Council 2. Indian society for Veterinary immunology and Biotechnology II.Fellowships 1. National Merit scholarship 2. TANUVAS merit Scholarship 3. CSIR-Senior research fellowship III.Diplomas 1.Diploma in Acupuncture provided by Srilankan University for Paramedical Sciences	1. Dr.Easwaran memorial award for best PhD student in Animal Biotechnology for the year 2000 2. AICTE young scientist award for the year 2009	Details of courses handled	1. M.Phil. Biotechnology: MPB 701: Research techniques and scientific writing(2+1); 2. M.Sc. Bioinformatics: BIF 610 : Genetics and Immunology(3+0); 3. M.Sc. Bioinformatics: BIF 617:Comparative and Functional Genomics(2+1) 4. M.V.Sc Animal Biotechnology: ABT 615: Probiotics and Feed Biotechnology (3+0) 5. M.V.Sc Animal Biotechnology ABT 612: Biodiversity, Biosafety and Bioethics(2+0) 6. M.V.Sc Animal Biotechnology: ABT 601: Basic and Applied Biotechnology (3+0) 7. M.Sc. Biotechnology: MBT 614: Biology of vectors and gene manipulation 8. Ph.D. Animal biotechnology: ABT 802 Functional Genomics and Proteomics (2+1) 9. Ph. Food Technology : FST 611 Advances in Food Biotechnology (2+1) 10. Ph.D. Biotechnology: DPB 808: Industrial Biotechnology(2+1) 11. Ph.D. Biotechnology;DPB 807:Functional genomics and Proteomics (2+1) 12. M.Sc. Biotechnology: MBT626: Environmental Biotechnology(2+1) 13. Ph.D. Animal Biotechnology:ABT 806: Transgenic Animal Technology(2+0) 14. M.V.Sc : ABT 605: Molecular Diagnostics 15. PhD Biotechnology:DPB 802: Applied Molecular Biology and Genetic engineering				Publications (PEER REVIEWED)	50, https://scholar.google.co.in/citations?user=_XIYkxlAAAAJ&hl=en	1. Learnt a lot through teaching 2.Satisfaction by making the students to understand the concepts 3.Respect through dedication in quality of work 4. 100% results in the subjects taught 5. Established Environmental Biotechnology laboratory and successfully completed three projects in Environmental biotechnology area, developed organic fertilizer by using slaughter house waste, developed a method for bioremediation of pesticide and tannery effluent polluted soil using bovine digesta. Applied successfully Foldscope for identification rumen protozoa and cattle parasites. Guided one M.V.Sc and PhD student in Environmental Biotechnology area of research 6.Conducted National Conference on Bioactive peptides which has helped students to understand the application of peptides in various fields. Conducted workshop on Foldscope which gave hands on training to various faculty and research scholars from different colleges	
			Research	19			E-modules prepared	0							
			Extension	0			Research Guidance	M.V.Sc	Ph.D.	Others	Projects				
							Chairman	1	2	16	Completed				Ongoing

							Member	1	5	1	3 1. Bioplastic production using slaughter house waste rumen fluid funded by Govt of Tamil Nadu, Part-II Innovative scheme. Total Budget:Rs.37 .36 lakhs 2. Evaluation of Bovine digesta as organic fertilizer and for Bioremediation of tannery effluent and pesticide polluted soil. Funded by Tamil Nadu state land use research board, Total Budget: Rs.10.8 lakhs 3. Foldscope for diagnosis of rumen acidosis and parasitic infections in cattle. Funded by DBT, Govt of India, Total Budget: Rs.8.0 lakhs	1 1.Bioelectricity and Biohydrogen production using slaughter house waste rumen fluid funded by TANII, Govt of Tamil Nadu, Total Budget: Rs.19.8 lakhs	
M. Parthiban	Professor and Head	Ph.D.	Teaching	26	1. Member in Indian Society for Veterinary Immunology and Biotechnology	1.Tamil Nadu Scientist award (TANSA) for the period of 1994-95 in the faculty of Veterinary Science. 2.Eswaran Memorial award for the best Ph.D. student of MVC. 3.Certificate of appreciation as a Co-Investigator in the development of homologous vaccine for PPR from Vice-Chancellor, TANUVAS. 4.Certificate of appreciation by vice chancellor, TANUVAS in	Details of courses handled	ABT 604-Animal Cell culuture-Principels and applications ABT 805-Advances in Animal Cell culture ABT 804 Trends in Vaccinology			Publications (PEER REVIEWED)	182 https://scholar.google.com/citations?hl=en&user=c7q_6p4AAAAJ	Preparation of practical manual for animal cell culture
			Research	26			E-modules prepared	0					
			Extension				Research Guidance	M.V.Sc	Ph.D.	Others	Projects		
							Chairman	7	4	4	Completed	Ongoing	
							Member	18	11	0	5 1.Development of Recombinant Vaccine for Leptospira 2.Development	1 1. Colorimetric PCR for differentiation of field and vaccine viruses of Markes disease	

						recognition of services rendered in the development of shrimp disease diagnostic kit.					nt of a homologues vaccine against peste des petits ruminants 3.Centre of Excellence in Veterinary Biotechnology and Immunology" 4.Developme nt of molecular methods for rapid detection of Johne's disease in animals 5.Novel delivery system for immunomodu latory probiotic bacteria in chickens	viruses	
P. Raja	Assistant Professor	Ph.D.	Teaching	2.8	1.Member in Indian Society of veterinary Biotechnology and Immunology 2. Member in Indian Association of Veterinary Microbiology and Infectious Disease 3. Member in Society of Veterinary Biochemistry and Biotechnology of India	1.ISVIB-VC&RI Namakkal silver jubilee student travel grant award for best research paper presentation (2015) 2.DBT-HRD Studentship award for pursuing M.V.Sc in Animal Biotechnology (2011-13) 3.Best interactive student award for the year of 2009-10.	Details of courses handled	1.VPB-321 Animal Biotechnology (2+1) for 2016-17 Batch 2.VPB-321 Animal Biotechnology (2+1) for 2017-18 Batch 3. Diagnostic Study Circle for 2017-18 Batch			Publications (PEER REVIEWED)	28 https://scholar.google.com/citations?user=IRzrKOUAAAAJ&hl=en	
			E-modules prepared	No									
			Research Guidance	M.V.Sc			Ph.D.	Others	Projects				
			Chairman	0			0	0	Completed	Ongoing			
			Member	0			0	0	0	3 1.Novel sources of alpha galactosidase for enzyme lysis of galactose-alpha-1,3-galactose structure from eukaryotic cell membrane (PI) 2.Bovine tuberculosis control : Mycobacterial diseases in animals network (My DAN) programme (Co-PI) 3.One health			

											approach for animal and public health to augment food safety and productivity(Co-PI)		
K.G. Tirumurugaan	Professor	PDF	Teaching	22	ISVIB, IAVMI, APDFDT	First Prize for the Best Poster - Kousalya Devi. M, S.M.K. Karthickeyan, R. Venkataraman, S.N. Sivaselvam and K.G. Tirumurugaan - Presented a titled “Effect of non-genetic factors on draught ability in Umblachery breed of cattle” in the XVI National symposium on Animal Genetic Resources for Food and Social Security organized by SOCDAB at ICAR-NBAGR, Karnal between 7-8th February 2019 Received the Travel grant from Food and Agriculture Organization of the United Nations (FAO) and the World Organization for Animal Health (OIE) to attend the second meeting of the Peste des petits ruminants - Global Research and Expertise Network (PPR GREN) held at International Livestock Research Institute, Nairobi, Kenya, from 13th to 15th November 2019. Poster -First Prize - “Role of Peroxisome Proliferator Activated Receptor Gamma Expression in Buffalo Sperm Physiology and Metabolism” Bhaskar. M, R. Vignesh, M.	Details of courses handled	ABT-802 Functional Genomics and Proteomics (2+1) - Ph.D. DPB 807 Functional Genomics and Proteomics (2+1) - Ph.D. DPB 804 Advances in Immunology (2+1) - Ph.D.			Publications (PEER REVIEWED)	http://ijvsbt.org/index.php/IJVSBT/article/view/517 https://pdfs.semanticscholar.org/5dda/65eaf3dc2dfdd071d7a81c3e4afe8308d6a.pdf http://www.entomoljournal.com/archives/2019/vol7issue1/PartD/6-5-170-307.pdf http://www.indianjournals.com/ijor.jar&volume=9&issue=1&article=030 http://www.ftstjournal.com/Digital%20Library/43%20Article%2017.php	
			E-modules prepared										
			Research Guidance	M.V.Sc			Ph.D.	Others	Projects				
			Chairman	1			1	1	Completed	Ongoing			
			Member	2			9	3	DST nanomission funded project on “Hybrid Magnetic Nanoparticle Aptamer Bio-sensor for On-Farm Early Pregnancy Diagnosis in Cattle” as PI on 31st October 2019 ICMR funded project on "Evaluation of NKT cell-based glycolipid adjuvants with rabies vaccines to	DBT funded project on “Selective Isolation of Sex Specific Spermatozoa in Bovines using Novel Biomarkers Identified through an Integrated Proteomic and Genomic Approach” BBSRC-India Partnering Award scheme on "understanding the emergence of variant infectious bronchitis virus in chickens in			

						<p>Priyanka, K.G. Tirumurugaan, A. Gopinathan, and K. Kumanan in the Indian Society for the Study of Reproduction & Fertility (ISSRF) Mid-Term National Symposium on “Impact of Lifestyle and Environmental factors on the Reproductive Health and Fertility” Held at CVSC, Tirupathi on 16thOCTOBER 2019</p> <p>Poster - Second Prize - “Generation of Single Stranded Oligonucleotides with Selective affinity to Bovine Spermatozoa” by Vinod.P.S, R. Vignesh, M. Priyanka, K.G. Tirumurugaan, S.N. Sivaselvam, and G. Dhinakar Raj in the Indian Society for the Study of Reproduction & Fertility (ISSRF) Mid-Term National Symposium on “Impact of Lifestyle and Environmental factors on the Reproductive Health and Fertility” Held at CVSC, Tirupathi on 16thOCTOBER 2019</p>					improve immunogenicity and long-term protection" as PI on 4th April 2019	UK and India: shared control strategies as Co-PI	
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Name of the department : Animal Genetics and Breeding

Institution: MVC - Chennai

Name of faculty	Designation of the faculty	Highest Qualification	Related work experience in field (in years)		Membership in professional bodies, certified courses, fellowship, diplomates in specialized boards (details)	Honours and awards	Continuous documented excellence in teaching		Other demonstrated competencies (publications, projects handled)		Achievements – effective teaching and learning outcomes (write salient achievement only as bullet points)
A. GOPINATHAN	Assistant Professor	Ph.D.	Teaching	08	<ul style="list-style-type: none"> Member, Tamil Nadu Veterinary Council Member, Society for 	<ul style="list-style-type: none"> Junior Research Fellow for Pursuing M.V.Sc Programme One of the scientists involved 	Details of courses handled	<ul style="list-style-type: none"> AGB 121-Principles of Animal Genetics and Population Genetics (2+1) AGB 211-Livestock and Poultry Breeding (2+1) VMD 513 - Pet Animal 	Publications (PEER REVIEWED)	43 - https://scholar.google.com/citations?user=S7JFXY0AAAAJ&hl=en	<ul style="list-style-type: none"> Dedicated extra time for effective teaching to students Maximize the time for content preparation and classroom teaching and management Present content to students in a

		Conservation of Domestic Animal Diversity • Member, Indian Society for Animal Genetics and Breeding • Member, Indian Society for Study on Animal Reproduction • Member, Indian Society for Sheep and Goat Production and Utilization	in developing a crossbred pig variety “TANUVAS KPM GOLD” and it was released to the pig farming community by Honourable Minister of Animal Husbandry, Government of Tamil Nadu on 30th June, 2017 at PGRIAS, Kattupakkam.	Breeding, Management, Nutrition and Health Care (1+1) • VMD 512 – Wild Animal Breeding, Management, Nutrition and Health Care (1+1) • Co-coordinator for tracking programme on “Cryobiology of Gametes“ • MSVE New Syllabus - Animal Genetics and Breeding (3+1) course teacher for Unit II - Principles of Animal Genetics and Population Genetics and Unit III – Principles of Animal Breeding • AGB 604 - Selection Methods and Breeding Systems (3+1) • AGB 607 - Cattle and Buffalo Breeding (2+1) • AGB 608 - Small Farm Animal Breeding (S & G, Pig and Rabbits) • AGB 610 – Laboratory Animal Breeding (1+0) • WLS 611 – Wildlife Genetics and Breeding (2+0) • AGB 804 - Advances in Selection Methodology (2+1)			significant way that foster appreciative understanding		
Research	06	E-modules prepared		0					
Extension	06	Research Guidance		M.V.Sc	Ph.D.	Others		Projects	
		Chairman		1	0	0		Completed	Ongoing
		Member		2	1	0		• Co-Principal Investigator for the All India Co-ordinated Research Project on Pigs from 2005 to 2011. • Co-Principal Investigator for the Central Sector Scheme on ”Biotech Centre for Fecundity Genes” Under Integrated Development of Small Ruminants and Rabbits with a budget	• Co-Principal Investigator for the Gol-NPBB-TNLDA project entitled on “Establishment of National Facility for Molecular Screening of Cattle for Inherited Disorders and Parentage Verification” • Co-Principal Investigator for the DBT project entitled on “Selection Isolation of Sex Specific Spermatozoa in Bovines using Novel Biomarkers

											of 110.0 lakhs for three years. <ul style="list-style-type: none">Project Co-ordinator for self-financing scheme on “Liquid Nitrogen Plant”	Identified through an Integrated Proteomic and Genomic Approach” <ul style="list-style-type: none">Co-Principal Investigator for the Gov. of Tamil Nadu funded scheme on “Genetic Improvement of Kanni Adu, Kodi Adu and Salem Black Indigenous Goat Breeds Through Production of Goat Semen Straws for Artificial Insemination in 1000 Goats for Doubling Famers Income”	
S.M.K. Karthickeyan	Professor and Head	Ph.D.	Teaching	15	<ul style="list-style-type: none">Life member of the Indian Society of Animal Genetics and BreedingMember of the Tamil Nadu State Veterinary CouncilLife member of the Indian Society for Sheep and Goat Production and UtilizationLife member of the Society for Conservation of Domestic Animal BiodiversityLife membership of the Indian Society for Study of Animal Reproduction	<ul style="list-style-type: none">K.P.C. Nair Award for the best teacher (2016-17)Best Research Article Award - “Tamizhagam Media Award, 2014”“Editorial Excellence Award” as the Editorial Board Member of Indian Journal of Animal Research, Agricultural and Research Communication Centre, KarnalBest posters and oral presentations – 12 Nos.ICAR - Junior Research Fellowship (1993)CSIR - Senior research Fellowship (1997)	Details of courses handled	<p>Undergraduate courses handled</p> <ul style="list-style-type: none">AGB 411 Principles of Genetics 2 + 1AGB321 Principles of Genetics 2 + 0AGB 511 Biometrical Genetics 2 + 1AGB 411 Animal Breeding 2 + 0PT-AGB 310 Artificial Insemination 0 + 1PT-AGB 320 Artificial Insemination 0 + 1AGB 121 Principles of Animal Genetics and Population Genetics 2 + 1AGB 211 Livestock Breeding Systems 1 + 1AGB (Unit II) Principles of Animal and Population Genetics 3 + 1 <p>Postgraduate Courses Handled</p> <ul style="list-style-type: none">AGB 606 Cytogenetics 1 + 1AGB 603 Biochemical Genetics 2 + 0AGB 601 Molecular Genetics 2 + 0BIT 702 Genetics and Molecular Biology 2 + 1AGB 601 Animal	Publications (PEER REVIEWED)	65 https://scholar.google.com/citations?user=ZvOFFQ0AAAAJ&hl=en	<ul style="list-style-type: none">Question Bank in Animal Genetics and BreedingMonograph on Toda buffaloesMonograph on Ongole cattleBreed Atlas on Livestock and Dog Genetic Resources of Tamil NaduThree-way Synthetic pigs at Post-graduate Research Institute in Animal Sciences, Kattupakkam		

								Cytogenetics and Immunogenetics 2 + 1 <ul style="list-style-type: none">• AGB 602 Molecular Genetics in Animal Breeding 2 + 1• AGB 603 Population and Quantitative Genetics in Animal Breeding 2 + 1• AGB 605 Biometrical Techniques in Animal Breeding 3+1• WLS 611 Wildlife Genetics and Breeding 2 + 0• AGB 801 Recent Advances in Animal Genetics 2 + 1• AGB 806 Advances in Molecular Cytogenetics 2 + 0					
			Research	22			E-modules prepared	Nil					
			Extension				Research Guidance	M.V.Sc	Ph.D.	Others			Projects
							Chairman	5			Completed	Ongoing	
							Member	12	4		2 1. ICAR-NATP project on Strategies for Enhancing the Productivity of Pigs for the Farming Community 2. ICAR-NBAGR - Network Project on Establishment of Core Laboratory	1 Establishment of National Facility for Screening for Inherited Disorders in Cattle and Parentage Verification (As PI) – Govt. of India –National Project on Bovine Breeding -TNLDA Project	
DR.A.SAKTHIV EL SELVAN	ASSISTANT PROFESSOR	Ph.D.	Teaching	2.8	<ul style="list-style-type: none">• Life membership in “Society for Conservation of Domestic Animal Biodiversity” (Regno. SOCDAB 704)• Life membership in “Indian Poultry Science Association” (Regno. 4/2015)	<ul style="list-style-type: none">• Recipient of ICAR-NDRI Institute Fellowship for Pursuing M.V.Sc in Animal Genetics and Breeding from 2011-2013.• Recipient of ICAR-NDRI Institute Fellowship for Pursuing Ph.D. in Animal Genetics and Breeding from 2013-2016.	Details of courses handled	. AGB 211 – Livestock and Poultry Breeding (2+1) . AGB - Animal Genetics and Breeding (3+1) - Unit II - Principles of Animal Genetics and Population Genetics . AGB - Animal Genetics and Breeding (3+1) - Unit III - Principles of Animal Breeding . VMD 512 – Zoo/Wild Animal Breeding, Management, Nutrition and Health Care (Interdepartmental course)			Publications (PEER REVIEWED)	14 https://scholar.google.com/citations?hl=en&view_op=list_works&gmla=AJsN-F6RZklto-BzBs2sh40uj78B-CbCp8HzcV6CYLklcV_Q5B3ktcdYoZKGHZfJRahJgrs_jjEp1HROqolGzBr9W0tm3lS7UaBjKCgJpSHnYzjCCB87ZuwE&user=ISVDacEAAAAJ	
Research	2.8		E-modules prepared										

			Extension	2.8	State Veterinary Council (Regno. 4764) • Register ed in Veterinary Council of India under Indian Veterinary Council Act, 1984 (Regd. No.3658).	Dairy Research Institute for the year 2014-2015.	Research Guidance	M.V.Sc	Ph.D.	Others	Projects		
							Chairman				Completed	Ongoing	
							Member				One 1. GOI-NPBB funded Scheme on “Field Performance Recording in Bargur Cattle at Bargur” (S.C.No.2223 9).		
Thiagarajan.R	Professor	Ph.D.	Teaching	9	Indian Society of Animal Genetics and Breeding Indian Veterinary Council	CSIR-SRF in the year 1996	Details of courses handled	AGB 121 Principles of Animal Genetics and Population Genetics AGB 211 Livestock and Poultry Breeding AGB 601 Animal Cytogenetics and Immunogenetics AGB 602 Molecular Genetics in Animal Breeding AGB 606 Conservation of Animal Genetic Resources AGB 607 Cattle and Buffalo Breeding AGB 608 Small Farm Animal Breeding(Sheep, Goat, Swine and Rabbit) AGB 609 Poultry Breeding AGB 610 Laboratory Animal Breeding AGB 691 Master's Seminar AGB 699 Master's Research AGB 801 Recent Advances in Animal Genetics AGB 804 Advances in Selection methodology AGB 805 Bio informatics in Animal Genetics and Breeding AGB 806 Advances in Molecular cytogenetics AGB 807 Utilization of Non-Additive Genetic Variance in Farm Animals			Publications (PEER REVIEWED)	https://scholar.google.com/citations?hl=en&user=lo2Vri4AAAAJ	Imparted duties as UG, PG, Ph.D. teacher and handled many courses Guided two M.V.Sc students and at present guiding one M.V.Sc student Published more than 15 articles in journals
			Research	5			E-modules prepared						
			Extension	5			Research Guidance	M.V.Sc	Ph.D.	Others	Projects		
							Chairman	2	0	3	Completed	Ongoing	
							Member	1	0	0	2	0	
THILAK PON JAWAHAR K	PROFESSOR	Ph.D.	Teaching	23			Details of courses handled				Publications (PEER REVIEWED)		
			Research	23			E-modules						

			Extension	6			prepared						
							Research Guidance	M.V.Sc	Ph.D.	Others	Projects		
							Chairman	1			Completed	Ongoing	
							Member	2	1	1		Genetic Improvement of Indigenous goats of Tamil Nadu Through Artificial Insemination	

Name of the department : Agronomy

Dr.C.VENNIL A	ASSISTANT PROFESSOR	M.Sc.(Ag.)Ph .D.	Teaching	11	Indian Society of Agronomy India Society of weed science Indian Journal of Framing system	Dr.P.R.Mehta Award TNAU Fellowship Valorous scholarship	Details of courses handled(Co urse number alone)	LPM 121 LPM (Unit II)			Publications (PEER REVIEWED) Mention number and include links of google scholar/Publ ons/Researc hGate/Web of science etc.	5	To strengthen the technical knowledge of veterinarians on fodder production for increase in livestock productivity
			E-modules prepared	-									
			Extension	11			Research Guidance	M.V.Sc	Ph.D.	Others	Projects (Number and details)		
				Chairman			-	-	-	Completed	Ongoing		
				Member			-	-	-	1	1		

Name of the department :Animal Husbandry Economics

Dr.G.Kathiravan	Professor and Head	Ph.D.	Teaching	22	Life Member, Agricultural Economics Research Association Life Member, Indian Society of Agri Economics Member, TAMIL Nadu Vet council	Received TANUVAS Best Teacher - "Maruthamuthu Mariyayee Memorial Award" from His Excellency Governor of Tamil Nadu Recipient of Senior Research Fellowship from Indian Council of Agricultural Research, New Delhi for pursuing PhD	Details of courses handled	UG - Livestock Economics Marketing and Business management PG- 9 courses PHD.10			Publications (PEER REVIEWED)	68	
			Research	22			E-modules prepared	Co-PI in E-learning module preparation for UG under NAIP					
			Extension	22			Research Guidance	M.V.Sc	Ph.D.	Others	Projects		
							Chairman	1			Completed	Ongoing	
							Member	12	4		Project title Role in the project Fund		

											<div>outlay</div> <div>Fundi</div> <div>ng agency</div> <div>Survey for</div> <div>assessing the</div> <div>availability</div> <div>and</div> <div>accessibility</div> <div>of duck eggs</div> <div>and meat in</div> <div>Tamil Nadu</div> <div>Seni</div> <div>or Research</div> <div>Fellow</div> <div>Rs.2.</div> <div>50 lakhs</div> <div>Govt.</div> <div>of India</div> <div>Survey of</div> <div>Cattle</div> <div>Markets in</div> <div>Different</div> <div>Agro-climatic</div> <div>Zones of</div> <div>Tamil Nadu</div> <div>Co-</div> <div>Principal</div> <div>Investigator</div> <div>Rs.1</div> <div>1.71 lakhs</div> <div>ICAR</div> <div>, New Delhi</div> <div>Resource</div> <div>Mapping for</div> <div>Livestock</div> <div>Development</div> <div>in Tamil</div> <div>Nadu: A GIS</div> <div>Approach</div> <div>Princi</div> <div>pal</div> <div>investigator</div> <div>Rs.1</div> <div>4.60 lakhs</div> <div>ICAR</div> <div>, New Delhi</div> <div>An Economic</div> <div>Analysis of</div> <div>Metabolic</div> <div>Diseases in</div> <div>BovinesCo-</div> <div>Principal</div> <div>Investigator</div> <div>Rs.1</div> <div>7.54 lakhs</div> <div>ICAR</div> <div>, New Delhi</div> <div>Developing a</div> <div>methodology</div> <div>for estimating</div> <div>livestock feed</div> <div>and fodder in</div> <div>Tamil Nadu</div> <div>Co-</div> <div>Principal</div> <div>Investigator</div> <div>Rs.3.</div>		
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											48 lakhs Govt. of India Economic Impact of FMD and its Control in the Dairy and Meat Value Chains of Selected High Potential Regions of India: A Pilot Study Princi pal investigator Rs.6. 24 lakhs ICAR , New Delhi Development of e-Courses for BVSc & AH degree programme Co- Principal investigator Rs.2 55.26 lakhs NAIP , ICAR, New Delhi Evaluation of major on- going animal husbandry and fisheries schemes in Tamil Nadu Co- Principal Investigator Rs.4. 50 lakhs Plan ning Commission, Govt. of TN		
Dr.A.Serma Saravana Pandian	Asst Professor	Ph.D.	Teaching	13	Life Member, Tamil Nadu Vet council Life Member, AMST Life member, NCVP Life Member, KATI Life Member, ASTS	University : TANUVAS Merit Scholarship for pursuing M.V.Sc. Dr. Richard Masilamani award for Ph.D. TANUVAS Medal for Ph.D. TANUVAS Alumni	Details of courses handled	UG -BVSc. & AH -16 BTech FT - 12 BTech DT - 3 BTech PT - 1 PG MTech - 2 MVSc - 6 Papers - 28 PhD. - 3 Papers - 12 PhD -Food Tech - 2 PGDBM - 12	Publications (PEER REVIEWED)	175 https://scholar.google.co.in/citations?user=IJew0_EAAAAJ&hl=en			
			Research	15			E-modules prepared						

			Extension	13		<p>Association Medal for Ph.D. State : National :</p> <p>CSIR (Council for Scientific and Industrial Research) Senior Research Fellowship for pursuing Ph.D. Best Poster presentation Award in the National Conference cum Workshop on "Making Indian food-Clean and Safe", on 20th and 21st January, 2017 Best Paper Award in Food Quality at the National Seminar on Food: Safety, Health and Environment on 25.02.2016 and 26.02.2016 Best Poster presentation by the Association of Meat Scientists and Technology, on 15th and 16th December, 2014 Best Paper Award in the First National Conference jointly organized by Tamil Nadu Veterinary and Animal Sciences University, Chennai and Agricultural Scientific Tamil Society, New Delhi, 2014 Best Paper Award, ICFS 2020</p>	Research Guidance Chairman Member	M.V.Sc 7 18	Ph.D. 4	Others 1 3	Projects Completed Ongoing	Principal Investigator in NABARD-FSPF Project on "Popularization of Target Selective Anthelmintic Technique among the Sheep farmers in Tirunelveli district" Co-Principal Investigator in GCRF Pump Priming Project on "Targeted parasite control in livestock for small tropical farmers" Remote integrated systems for controlling nematodes using emerging technology for both resource poor and commercial farmers funded by BBSRC, UK - Co-Principal Investigator Developing Price Policy Model for Milk in Tamil Nadu funded by NADP - Co-Principal Investigator Supply chain analysis of livestock products marketing in Tamil Nadu funded by NADP - Co-Principal Investigator	
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										Evaluation of major ongoing Animal Husbandry and Fisheries Schemes in Tamil Nadu funded by State Planning commission, Govt. of Tamil Nadu.- Co-Principal Investigator Evaluation of SPC project on Ensuring economic upliftment of rural women through buffalo rearing" funded by Govt. of Tamil Nadu. - Co-Principal Investigator					
Shanmuga sundaram A	Assistant Professor	M.V.Sc	Teaching	3	American Association of Zoo Veterinarians Tamil Nadu Veterinary Council Association of Avian Veterinarians		Details of courses handled	Special Medicine - Birds, Reptiles, Amphibians, and Fishes : WLS 606 1+1 Clinical Training - Aves and Reptiles : WLS 613 0+1			Publications (PEER REVIEWED)	12			
			Research	3.5			E-modules prepared	Chemical immobilization of Kite Chemical Immobilization of Asiatic lion Physical restrain and blood collection in Mugger crocodile							
			Extension	2.5			Research Guidance	M.V.Sc	Ph.D.	Others	Projects				
							Chairman	1		1	Completed	Ongoing			
							Member			1		1. TANUVAS funded Sub-project on “Effect of partial replacement of concentrate feed with hydroponic maize fodder on growth and reproduction performance in Soviet Chinchilla”			
J.Shilpa Shree	Asst Professor	M.V.Sc	Teaching	2	Life Member, TAMIL Nadu Vet council	Chancellor of TANUVAS Thiru. Bhisma Narain	Details of courses handled	UG - BVSc -3 BTech -2			Publications (PEER REVIEWED)	28			
			Research	2			E-modules								

						Singh Award for the best M.V.Sc. student in the subject of Animal Husbandry Economics. K.P.P.Nair Memorial Award for the best M.V.Sc. student in the subject of Applied statistics. Best Poster Presentation Award in National seminar on “Education and research perspectives for current and future trends in the Indian meat industry” held on 15th and 16th December, organized by Association of Meat Scientists and Technologists, Dept. of Meat Science and Technology, MVC, TANUVAS, 2014.	prepared					
			Extension	2			Research Guidance	M.V.Sc	Ph.D.	Others	Projects	
							Chairman				Completed	Ongoing
							Member				1	

Name of the department : **Statistics & Computer Applications**

Name of faculty	Designation of the faculty	Highest Qualification	Related work experience in field (in years)		Membership in professional bodies, certified courses, fellowship, diplomates in specialized boards (details)	Honours and awards	Continuous documented excellence in teaching		Other demonstrated competencies (publications, projects handled)		Achievements – effective teaching and learning outcomes (write salient achievement only as bullet points)
C.Balan	Assistant Professor	M.V.Sc	Teaching	4	Tamil Nadu State Veterinary Council of India	Awarded First Ten Rank Holders Scholarship during UG degree programme TANUVAS merit scholarship during PG degree programme	Details of courses handled	Under Graduate: <input type="checkbox"/> AGB111 Bio-Statistics and Computer Applications (2+1) 2016-17 Arrear batch (14.12.2017 - 20.04.2018) <input type="checkbox"/> AGB: Unit 1: Bio-Statistics and Computer Application (3+1) 2nd Professional Year - 2017-18 Batch (08.10.2018 to 04.01.2019) <input type="checkbox"/> AGB: Unit 1: Bio-Statistics and Computer Application (3+1) 2nd Professional Year - 2018-19 Batch (01.10.2019 to 7.01.2020) Post Graduate: <input type="checkbox"/> AHS 601- Applied Statistics 2+1 (Practical) 2017-18 batch(13.10.2017 - 05.03.2018)	Publications (PEER REVIEWED)	8	0

						<div><input type="checkbox"/> BST 661 Statistical Methods (2+1) MVSc. (BST) 2017-18 batch(13.10.2017 - 05.03.2018)</div> <div><input type="checkbox"/> BST 672- Demographic Techniques in Biostatistics (2+1) 2017-18 batch (22.03.2018 to 06.09.2018)</div> <div><input type="checkbox"/> Statistical Computing (1+1) 2017-18 batch (22.03.2018 to 06.09.2018)</div> <div><input type="checkbox"/> AHS 601- Applied Statistics (2+1) (Practical) 2018-19 batch (22.10.2018 - 05.03.2019)</div> <div><input type="checkbox"/> AHS 601- Applied Statistics (2+1) (Practical) 2019-20 batch (since 23.10.2019 ongoing)</div>		

Name of faculty	Designation of the faculty	Highest Qualification	Related work experience in field (in years)		Membership in professional bodies, certified courses, fellowship, diplomates in specialized boards (details)	Honours and awards	Continuous documented excellence in teaching				Other demonstrated competencies (publications, projects handled)		Achievements – effective teaching and learning outcomes (write salient achievement only as bullet points)
M Thirunavukkara su	Professor and Head	Ph.D.	Teaching	29	1. Life Member, Animal Nutrition Society of India 2. Life Member, Indian Science Congress Association 3. Life Member, Agricultural Economics Research Association (India) 4. Life Member, Indian Society of	1. Maruthamuthu Mariyaayee Best Teacher Award, Awarded by Tamil Nadu Veterinary and Animal Sciences University, 2001 2. Tamil Nadu Scientist Award (TANSA), Awarded by Tamil Nadu State Council for Science and Technology, Govt.	Details of courses handled	PG AHS 601 Applied Statistics 2+1 AHC 610 Linear Programming 1+1			Publications (PEER REVIEWED)	104	(i) Proposed complete revision of syllabus of two PG courses – RMC 601 and AHS 602 (the then AHE 611) which was approved by the Board of studies and Academic Council (ii) Instrumental in formulating the modalities for providing Internet and Emailing facilities to the student community (iii) Devised a new PG programme on MVSc in Bio-Statistics being offered at TANUVAS from 2011-12 (iv) Developed e-Courses for all the 69 courses offered in BVSc & AH Degree Programme, a vital online and offline learning resource for the veterinary teaching and
			Research	29			E-modules prepared	Prepared e-Modules for the 69 courses offered for BVSc & AH degree programme under an NAIP - ICAR Project during 2007-2012					
			Extension	29			Research Guidance	M.V.Sc	Ph.D.	Others	Projects		
							Chairman	7	1	0	Completed	Ongoing	

					Animal Production and Management 5. Life Member, Indian Society of Veterinary Medicine 6. Life Member, Indian Society of Agricultural Marketing 7. Life Member, Tamil Nadu Veterinary Council 8. Life Member, Indian Society of Agricultural Information Technology 9. Life Member, National Academy of Biological Sciences	of Tamil Nadu, 2008 3. Award (Certificate of Appreciation) for the Best NAIP Scheme Award, Awarded by Indian Council of Agricultural Research, New Delhi, 2012 4. Fellow of Agricultural Scientific Tamil Society (FSciTSA), Awarded by Agricultural Scientific Tamil Society, New Delhi, 2016	Member	10	4	0			student community in the country (v) Developed eBooks for all the 69 courses offered (vi) Developed PAVES containing more than 24,000 MCQs for veterinary graduates for competitive examinations (vii) Introduced a new PG Diploma Programme on Animal Health Economics from 2019-20
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6.5.2.3- Credentials of the Faculty

Name of the department : Animal Nutrition

Institution: MVC - Chennai

Name of faculty	Designation of the faculty	Highest Qualification	Related work experience in field (in years)		Membership in professional bodies, certified courses, fellowship, diplomates in specialized boards (details)	Honours and awards	Continuous documented excellence in teaching				Other demonstrated competencies (publications, projects handled)		Achievements – effective teaching and learning outcomes (write salient achievement only as bullet points)
R. BALAMURUGAN	ASSISTANT PROFESSOR	M.V.Sc	Teaching	9	1. Life membership in Animal Nutrition Society of India, 2. Life member in Animal Nutrition Association, 3. Life membership in the Indian Society of sheep and goat production and utilization, 4. Life member in the Tamil Nadu Journal of Veterinary and Animal Sciences, 5. Life member in the Tamil Nadu Veterinary Council, 6. Life member in TANUVAS teachers Association, 7. Life member in	1. TANUVAS Merit scholarship in pursuing M.V.Sc., studies. 2. Associate NCC Officer in Madras Veterinary College, Chennai. 3. Awarded VLIR-UOS scholarship for 10 weeks international training programme in Dairy nutrition in Faculty of Bioscience engineering, Ghent University, Belgium.	Details of courses handled	1. ANN 111 Principles of Animal Nutrition and Feed Technology (2+1) 2.ANN 121 Applied Nutrition I (2+1) 3. ANN 211 Applied Nutrition (2+1)			Publications (PEER REVIEWED)	7	* Development of farmer friendly usage of distiller's grain. * One of the members in utilization of TANUVAS GRAND throughout Tamil Nadu. * Associate NCC Officer in Madras Veterinary College. * Involved in Veterinary Dietetic service Unit consultancy
			E-modules prepared	NIL									
			Extension	9			Research Guidance	M.V.Sc	Ph.D.	Others	Projects		
							Chairman			1	Completed	Ongoing	
							Member				2	1	

					TANUVAS alumni association, 8. Life member in Indian poultry science association, 9. Life member in the Indian society for study of animal reproduction, 10. Life member in VCRI alumni association.							
R KARUNAKARAN	PROFESSOR AND HEAD	Ph.D.	Teaching	27	1 Member, Tamil Nadu Veterinary Council, 2.Life Member of Animal Nutrition Society of India, 3. Life Member of Indian Society for Veterinary Immunology and Biotechnology, 4. Life Member of Tamil Society for Veterinary Sciences	1. Dr.K.P.C.Nair award for Best Teacher (2014); 2. ICAR Junior Research fellow	Details of courses handled	ANN 111, ANN 121, ANN 211, ANN 601, ANN 602, ANN 603, ANN 604, ANN 607, ANN 801, ANN 802, ANN 803, ANN 804, ANN 805	Publications (PEER REVIEWED)	45	More than 90 % pass in under graduate education	
			Research	27			E-modules prepared	ANN 111 PRINCIPLES OF ANIMAL NUTRITION AND FEED TECHNOLOGY				
			Extension	27			Research Guidance	M.V.Sc	Ph.D.	Others	Projects	
							Chairman	6	6	1	Completed	Ongoing
							Member	12	5	2	1. Optimizing Supplemental nutrition for range grazed sheep in Tamil Nadu; 2. A Novel	1. ICAR OUTREACH PROGRAMME ON METHANE ESTIMATION

											protection system for delivery of immunomodulatory probiotic bacteria in chicken; 3. Establishment of Model Fodder Farms through Veterinary University Training and Research Centres; 4. Developing Methodology for Estimating Livestock Feed and Fodder in Tamil Nadu		
RAMESH J	ASSISTANT PROFESSOR	Ph.D.	Teaching	9	<div><div><div><div></div></div><div>LIFE MEMBER IN VETERINARY COUNCIL OF INDIA</div></div><div><div><div></div></div><div>LIFE MEMBER IN LABORATORY ANIMAL SCIENTIST ASSOCIATION</div></div><div><div><div></div></div><div>LIFE MEMBER IN ANIMAL NUTRITION SOCIETY OF INDIA</div></div><div><div><div></div></div><div>LIFE MEMBER IN ANIMAL NUTRITION ASSOCIATION OF INDIA</div></div><div><div><div></div></div><div>LIFE MEMBER IN INDIAN SOCIETY FOR ANIMAL PRODUCTION AND MANAGEMENT</div></div><div><div><div></div></div><div>LIFE MEMBER IN INDIAN SOCIETY FOR SHEEP AND GOAT PRODUCTION & UTILIZATION.</div></div><div><div><div></div></div><div>LIFE</div></div></div>	<div><div><div><div></div></div><div>TANUVAS MEDAL FOR VETERINARY AND ANIMAL SCIENCES FOR THE BEST PhD STUDENT</div></div><div><div><div></div></div><div>CHANCELLOR OF TANUVAS Dr. K. ROSAIAH AWARD TO THE BEST PhD STUDENT in ANIMAL PRODUCTION SUBJECTS</div></div><div><div><div></div></div><div>DR P RICHARD MASILLAMONY ENDOWMENT FOR THE BEST OUTGOING Ph.D. STUDENT</div></div><div><div><div></div></div><div>TANUVAS ALUMNI ASSOCIATION MEDAL FOR THE BEST PhD STUDENT</div></div></div>	Details of courses handled	<div><div><div></div></div>PRINCIPLES OF ANIMAL NUTRITION AND FEED TECHNOLOGY</div> <div><div><div></div></div>APPLIED ANIMAL NUTRITION I</div> <div><div><div></div></div>APPLIED ANIMAL NUTRITION II</div> <div><div><div></div></div>FEED TECHNOLOGY</div> <div><div><div></div></div>ADVANCES IN FEED TECHNOLOGY</div> <div><div><div></div></div>ADVANCED TECHNIQUES IN NUTRITION AND RESEARCH</div> <div><div><div></div></div>RUMINANT NUTRITION</div> <div><div><div></div></div>NON RUMINANT NUTRITION</div> <div><div><div></div></div>FEED CONSERVATION, STORAGE AND QUALITY CONTROL</div> <div><div><div></div></div>NEW FEED RESOURCES & TOXICANTS IN ANIMAL FEEDING</div>			Publications (PEER REVIEWED)	27	MORE THAN 90 % OF UG STUDENTS PASSED ANIMAL NUTRITION EXAMS INDUSTRIAL EXPOSURE OF UG & PG STUDENTS
			E-modules prepared										
			Research Guidance	M.V.Sc	Ph.D.		Others	Projects					
			Chairman	2	0		0	Completed	Ongoing				
			Member	5	1		2	1. Developing a synthetic	1. NUTRITIONAL				

					<p>MEMBER IN ASSOCIATION OF MEAT SCIENTISTS AND MEAT TECHNOLOGISTS</p> <p>□ LIFE MEMBER IN AGRICULTURAL SCIENTIFIC TAMIL SOCIETY</p>					<p>strain of Pig for Productivity Enhancement</p> <p>2. Establishment of fodder seed bank / distribution- Three trials through village self-help groups to develop a model for replication in dry land and irrigated belt</p> <p>3. Revitalizing health of free milch cows through SMART mineral mixture</p> <p>4. Augmenting milk production in dairy cattle by TANUVAS - GRAND supplementat ion in Tirunelveli district</p>	<p>NOVELTIES</p> <p>2. Impact of Feeding Unconventional Feeds to Dairy Cattle on the Productive and Reproductive Performance in Vellore district of Tamil Nadu</p> <p>3. TNIAMP on NUTRITIONAL SUPPLEMENTA L STRATEGY</p>	
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Name of the department : Bioinformatics & Aris Cell

Name of faculty	Designation of the faculty	Highest Qualification	Related work experience in field (in years)		Membership in professional bodies, certified courses, fellowship, diplomates in specialized boards (details)	Honours and awards	Continuous documented excellence in teaching		Other demonstrated competencies (publications, projects handled)		Achievements – effective teaching and learning outcomes (write salient achievement only as bullet points)
Dr.K.Vijayarani	Professor and Head	Ph.D.	Teaching	25	<p>1.Member,Tamil Nadu Veterinary Council</p> <p>2. Member, Indian Society for Veterinary Immunology and Biotechnology</p> <p>3. Member-Indian Virological Society</p> <p>4. Member,</p>	<p>1. Awarded Department of Biotechnology, Govt. of India, fellowship to undergo M.Sc. Programme.</p> <p>2. Awarded "Dr. Neelakantan memorial Medal" for the best article in Indian Veterinary Journal for the year</p>	Details of courses handled	<p>a. Under – Graduate courses offered</p> <ul style="list-style-type: none"> Introduction to molecular biology and biotechnology (VBC 122) - Credit hours : 1+1 (2 times) <p>b. Post – Graduate courses offered.</p> <p>M.V.Sc</p> <ul style="list-style-type: none"> Molecular Genetics and Recombinant DNA technology 	Publications (PEER REVIEWED)	160	-

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					<p>at Madras Veterinary College.</p> <p>8. Innovation – whole genome sequencing of two Newcastle Disease Virus isolates has been completed. GenBank accession No.FJ986192</p> <p>9. Awarded “IPSA young scientist award, 2017” for the work on Effect of dietary organic zinc on commercial absorption kinetics by the Indian Poultry Science Association (IPSACON-2017)</p> <p>10. Awarded the ISVIB Best Poster Presentation on the topic “Hybrid Nanoparticle as an alternate enzyme source for diagnostic applications” by Indian Society for Veterinary Immunology and Biotechnology.</p> <p>11. Awarded “IAVP- Dr.S.Damodaran Memorial Award (Best full paper award), 2016” for the work on Studies on chemoprotective effect of ginger extract in diethyl nitrosamine induced hepatocarcinogenesis in rats published in The Indian Journal of Veterinary Pathology. 40(3) : 224-229.by the Indian Association of Veterinary Pathologists.</p> <p>12. Awarded the 1st Prize for oral Presentation on the topic Animal Production & Management “Novel green synthesized nano powders as feed additive to improve ruminant animal health” by 9th Kerala Veterinary Science Congress</p>					<p>Status in the project - Duration from To-Total Cost (lakhs)</p> <p>Funding Agency 1. Mani pulation of rumen microbes to increase its productivity, Scientist,1993-97, Rs.33.0L DBT, Govt. of India</p> <p>2. Tree breeding of Tissue culture plants of Animal Agroforestry, Co-Investigator, 1994 -99 Rs.8.8L, DBT, Govt. of India</p> <p>3. Use of ruminal cud containing Veillonella gazogenes and Peptostreptococcus elsdenii in the treatment of lactic acidosis in bovine rumen, Co-Investigator, 1997 - 2000,Rs.9.99 L, ICAR , Govt. of India</p> <p>4. Molecular characterization of Indian isolates of rabies virus, Co-Investigator, 1999 -2002,</p>	<p>the project, Duration From To, Total Cost (lakhs), Funding Agency 1 One Health Approach for animal public health to augment food safety and productivity, Co-Investigator,2017-2020,Rs.545.50L , TANII Project 2 Genomic and proteomics approaches to develop diagnostic assay for detection of estrus/silent estrus in buffaloes, Co-Investigator, 2018-2021,Rs.99.77 L DBT, New Delhi</p> <p>3 Bovine tuberculosis control : Mycobacterial diseases in animals network (My DAN), programme Co-Investigator, 2018-2022, Rs.848.242L DBT , New Delhi</p>	
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					<p>KVSC 2017, Indian Veterinary Association, Kerala.</p> <p>13. Awarded the 1st Prize for poster Presentation on the topic "Rapid quantification of classical swine fever virus by real time polymerase chain reaction" by 9th Kerala Veterinary Science Congress</p> <p>KVSC 2017, Indian Veterinary Association, Kerala.</p> <p>14. Awarded the Best poster Presentation on the topic "Effect of dietary organic zinc on commercial absorption kinetics." by Indian Poultry Science Association (IPSACON-2017).</p> <p>15. Awarded the Best poster Presentation "Identification of potential phytocompounds from Indian medicinal plants for Brucellosis – An Insilco approach" at International Conference on Applications of Biotechnology and Nanotechnology (ICBN 2019) held on 30th September & 1st October 2019 at B.S. Abdur Rahman Crescent Institute of Science and Technology, Chennai, Tamil Nadu – 600 048.</p> <p>16. Awarded the Best poster Presentation "Computational evaluation of Thymidine Kinase inhibitor from Indian medicinal plants for Bovine herpesvirus-1" at International Conference on Applications of Biotechnology and Nanotechnology (ICBN 2019) held on 30th September &</p>					<p>Rs.22.00L, ICAR, Govt. of India</p> <p>5. Production of recombinant rumen microbes with cellulase genes</p> <p>Principal Investigator 1999</p> <p>-2002, Rs.22.00L, DBT, Govt. of India</p> <p>6. Molecular characterization of Ranikhet disease viruses to differentiate vaccine viruses and epizootic viruses, Co-Investigator, 2000</p> <p>-2003, Rs.21.24L, ICAR, Govt. of India</p> <p>7. Molecular characterization of E.coli 0157:H7 from animal and animal products and development of rapid diagnostic assay, Principal Investigator, 2004</p> <p>-2008, Rs.18.05L, ICAR, Govt. of India</p> <p>8. Development of recombinant vaccine for Leptospira,</p>	
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					1st October 2019 at B.S. Abdur Rahman Crescent Institute of Science and Technology, Chennai, Tamil Nadu – 600 048.						Co- Investigator, 2007 -2010, Rs.3 0.24, DBT, Govt. of India 9 Mole cular diagnostics for emerging avian diseases and their immunopatho genesis, Co- Investigator, 2 007-2012, Rs.160.00L, ICAR, Niche, Govt. of India 10 Deve lopment of recombinant fusion protein vaccine for Mycobacteriu m avium subsp paratuberculo sis, Co- investigator, 2009-2012, Rs.44.47L, DBT, Govt. of India 11 Mani pulation of the rumen Ecosystem through modified rumen microbes encoding novel fibrolytic enzymes using nucleic acid based technologies for the improved utilization of crop residues, Cons ortium Partner – Co Principal Investigator,	
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											(TANUVAS), Chennai India, in collaboration with Medway school of Pharmacy, University of Kent, UK and National Institute of Animal Biotechnolog y (NIAB), Hyderabad, India. Co- Investigator 2014 -2018 £274 64 BBS RC India partnering award, UK 19 Autol ogous platelet rich plasma seeded on biodegradabl e extracellular matrix for the regenerative therapy of musculo skeletal disorders of companion animals Co- investigator 2013 -16 23.27 8 lakhs Depa rtment of Biotechnolog y, Govt of India 20 Deve lopment of recombinant antigen based diagnostics and chimeric plant virus like particle based vaccine for infectious bursal disease Co-	
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											nanoparticles for detection of food borne pathogens Co-Investigator 2016-2018 Rs.2 7.73 lakhs DBT, New Delhi	
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Name of the department : Centralised Clinical Laboratory

Name of faculty	Designation of the faculty	Highest Qualification	Related work experience in field (in years)		Membershi p in profession al bodies, certified courses, fellowship, diplomat in specialized boards (details), etc.	Honours and awards	Continuous documented excellence in teaching				Other demonstrated competencies (publications, projects handled)		Achievements – effective teaching and learning outcomes (write salient achievement only as bullet points)
			Teaching	10			Details of courses handled (Course number alone)				Publications (PEER REVIEWED) Mention number and include links of google scholar/Publ ons/Researc hGate/Web of science etc.	https://scholar.google.com/citations?user=cU7PtUIA AAAJ	
Dr.N.R.Senthil	Assistant Professor	Ph.D.,	Research	10	2	2	E-modules prepared				Projects (Number and details)	Completed	Ongoing
			Extension				Research Guidance	M.V.Sc	Ph.d	Others PG Diploma			
							Chairman			4			
							Member			4			
Dr.S.Subapriya	Assistant Professor	Ph.D.	Teaching	11	2	2	Details of courses handled (Course number alone)				Publications (PEER REVIEWED) Mention number and	https://scholar.google.com/citations?hl=en&user=6 NSvZIUAAAAJ	

			Research	11			E-modules prepared				include links of google scholar/Publ ons/ResearchGate/Web of science etc.				
			Extension				Research Guidance	M.V.Sc	Ph.d	Others	Projects (Number and details)				
							Chairman			5	Completed	Ongoing			
							Member			4		1			
Dr.S.Vairamuthu	Professor and Head	Ph.D.,	Teaching		2	2	Details of courses handled (Course number alone)				Publications (PEER REVIEWED) Mention number and include links of google scholar/Publ ons/ResearchGate/Web of science etc.	https://scholar.google.com/citations?hl=en&user=TG5-ScAAAAJ			
			Research	26			E-modules prepared	1							
			Extension				Research Guidance	M.V.Sc	Ph.d	Others	Projects (Number and details)				
							Chairman	9	4		Completed		Ongoing		
							Member						1		

Name of the department : Centralised Instrumentation Lab

Name of faculty	Designation of the faculty	Highest Qualification	Related work experience in field (in years)		Membership in professional bodies, certified courses, fellowship, diplomates in specialized boards (details)	Honours and awards	Continuous documented excellence in teaching		Other demonstrated competencies (publications, projects handled)		Achievements – effective teaching and learning outcomes (write salient achievement only as bullet points)
S Ramesh	Professor & Head	Ph.D.	Teaching	27	*Indian Association of Veterinary Pathologist -Life member *Association of Meat Scientists and Technologists-Life member * Tamil Society	*Indian Poultry association (ISACON) -2014 - Best paper presented (as a co author) *Indian association of Vet. Pathologists (IAVP)-2016-Best paper published(as a	Details of courses handled	*VPP 321 *PGS 604 *WLS 605 *VPP 804 *WLS 805 *VPP803	Publications (PEER REVIEWED)	65	*Numerous research scholars were assisted by providing laboratory resources for their research work *Screened numerous samples of research students pertaining to ultrastructural studies
			Research	27		E-modules prepared	-				

*Numerous research scholars were assisted by providing laboratory resources for their research work
 *Screened numerous samples of research students pertaining to ultrastructural studies

			Extension	1	for Veterinary scientists -Life member *Tamil Nadu Veterinary Council *Indian Veterinary Association-Life member *Indian association for the advancement of Veterinary - Life member	co-author)	Research Guidance	M.V.Sc	Ph.d	Others	Projects	
							Chairman	3	1	0	Completed	Ongoing
							Member	5	6	5	* Strengthening of Madras Veterinary College as a Nodal Centre of Wildlife Health and Disease Diagnosis - As a Co Pi (U.S.O.No 50-358/G2/2003 Proc.No.4399 /G2/2002 dt 18.2.2004 and dt.3.08.2005 of Registrar, TANUVAS)	-

Name of the department : Education Cell

Name of faculty	Designation of the faculty	Highest Qualification	Related work experience in field (in years)		Membership in professional bodies, certified courses, fellowship, diplomates in specialized boards (details)	Honours and awards	Continuous documented excellence in teaching				Other demonstrated competencies (publications, projects handled)		Achievements – effective teaching and learning outcomes (write salient achievement only as bullet points)
Dr. B. Dhivya	Assistant Professor	M.V.Sc	Teaching	3.5	Life member of Indian Association for the Advancement of Veterinary Parasitology and Member of the Tamil State Veterinary Council	- Rao Sahib Dr. T.Vinayaka Mudaliar Gold Medal for the best B.V.Sc., &A.H student in Animal husbandry subjects AGB,MST,VPH,LPT VAN,LPM (2010) -Dr. C.G. Bhaskar Memorial Prize for the best B.V.Sc., &A.H student in Animal Genetics and Breeding and Obstetrics and Gynaecology (2010) -DHIA Prof. M.E. Doraiswamy Endowment Award for the B.V.Sc., &A.H. student securing highest marks in the subject of animal Genetics and Breeding (2010) -Rao Bahadur Dr. R. Swaminatha Ayyar	Details of courses handled	VLD 411- Veterinary Clinical Biochemistry and Laboratory Diagnosis -I VPA 211- General Veterinary Parasitology and Helminthology VPA 221- Veterinary Entomology and Acarology Diagnostic Medicine study circle			Publications (PEER REVIEWED)	13 (https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=dhivya+bhoopathy&q=Dhivya+Bhoo pa)	Introduced the concept of Parasitology Clerkship involving detailed case studies of parasitic diseases/conditions for VLD 411 course. It helped the students in analytical reasoning in diagnosis of Parasitic infections/infestations in field conditions
			E-modules prepared	NIL									
			Research	1			Research Guidance	M.V.Sc	Ph.d	Others	Projects		
			Extension	0			Chairman	0	0	0	Completed	Ongoing	
							Member	0	0	0	1 TNSCST student project (2013)	SERB -Early career Research award entitled, ' Designing of novel and eco-friendly tick control devices for cattle' for Rs.34.97 lakhs	

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						highest marks in Veterinary Parasitology (2013) -Puratchi Thalaivi Dr. J.Jayalalitha endowment for the best lady student in M.V.Sc., (2013) -K.P.P. Nair memorial award for the best M.V.Sc., Student in the subject of AHS-601 :Applied Statistics (2013) -Second Prize for the Project Oral presentation for the project entitled “Designing an eco-friendly cattle tick control device” at the Seminar cum Exhibition of the student project scheme held at Kongu Engineering College, Perundurai, TNSCST,2014 -Received V.S. Alwar best article award for the research paper entitled, ‘An eco-friendly approach to control brown dog tick, Rhipicephalus sanguineus using sustained release assembly pheromone beads’ awarded by the IAAVP during the 26th NCVP held at Udaipur, Rajasthan in February 2018.							
K. SURESH KUMAR	Assistant Professor	Ph.D.	Teaching	11	* Life Member of Tamil Nadu Veterinary Council * Life Member of Indian Society of Sheep and Goat Production and Utilization * Life Member of the Tamil Society for Veterinary Sciences	* Dr. R.D. Michael’s Gold Medal for the best outgoing student of the University in the subject of Livestock Production and Management * Awarded first prize for the oral presentation entitled “Reproductive Performance of Madras Red Ewes under Accelerated System” in the National Seminar on “Prospects and	Details of courses handled	* LPM 122 * Units 5,8 & 9 of Livestock Production Management Course * VMD 512 (Inter-departmental course) * LPM 606 * LPM 611 * LPM 803 * LPM 806			Publications (PEER REVIEWED)	10	* Practical Manuals * Online polling method of presentation * Interactive power point presentation
			Research	8			E-modules prepared	0					
			Extension	3			Research Guidance	M.V.Sc	Ph.D	Others	Projects		

						Challenges in Small Ruminant Production in India" * Awarded third prize for the oral presentation in the Livestock Production Management session of International Conference on "Role of Veterinary Science in Farmer's Livelihood" * Awarded third prize for poster presentation in the International conference on "Livestock, Food security and Food Safety - Challenges, Opportunities and Strategies"	Chairman	1	0	0	Completed	Ongoing	
							Member	2	0	0	0	0	

Name of the department : Veterinary Animal Husbandry and Extension Education

Name of faculty	Designation of the faculty	Highest Qualification	Related work experience in field (in years)		Membership in professional bodies, certified courses, fellowship, diplomates in specialized boards (details)	Honours and awards	Continuous documented excellence in teaching				Other demonstrated competencies (publications, projects handled)		Achievements – effective teaching and learning outcomes (write salient achievement only as bullet points)
R.P.Athilakshmy	Assistant Professor	M.V.Sc	Teaching	5	PG Diploma in Agricultural Extension management Massive Open Online Course (MOOC) on Competency Enhancement in Learning conducted by NAARM, Hyderabad. • Annual member of Society of Krishi Vigyan •	young scientist award - Indian Veterinary Forum - 2018 Recipient of RAGACOVAS-SPECIAL AWARD for Consistent Best Performance in Cultural Activities during BVSc. &AH degree program (2005-2010) Cleared UGC-NET exam with JRF scholarship (Rs.16,000) on 15th June,2012.	Details of courses handled	1 VAE 311 - Principles and Techniques of Veterinary & AH Extension Education 2 +1 Madras veterinary college , Chennai 2 TVC 421 - Veterinarian in society 1+0 Madras veterinary college, Chennai 3 LPM 211 (4 batches) Livestock production and management 2+1 Thanthai Roever Institute of Agriculture and Rural Development at Perambalur,Tamilnadu			Publications (PEER REVIEWED)	14	
			Research	5	Register ed Member of Puducherry Veterinary Council • Lifetime member of Indian Veterinary Extension Forum •	Awarded First Prize in T.V.R., special magazine designing competition conducted by Dinamalar news paper for two consecutive years		E-modules prepared	prepared five e modules on Farm Journalism Participatory rural appraisal human resource management training management information communication technology				
			Extension	8				Research Guidance	M.V.Sc	Ph.d	Others	Projects	

					member of Indian Poultry Science Association • Lifetime member of Society of Extension Education, Coimbatore • Lifetime member of Agriculture Tamil Society	2008 and 2009 in Pondicherry.	Chairman				Completed	Ongoing	
							Member					1 (On farm demonstration and popularization of indigenous poultry technologies among backyard poultry farmers in Thiruvallur district of Tamil Nadu funded by National Innovation Foundation)	

Dr.P. Kumaraavel	Professor and Head	Ph.D	Teaching	22	<ul style="list-style-type: none"> Executive Member - Society of Krishi Vigyan Member- International Society of Extension Education Member – Indian Society of Extension Education Member – Tamil Nadu Veterinary Council Member, Tamil Nadu Society of Extension Education Member – Indian Veterinary Extension Forum 	<ul style="list-style-type: none"> Received the National Best KVK Award from the President of India (2010)- Awarded by ICAR, New Delhi Maruthamuthu Mariyayee Memorial Award for the Best teacher from TANUVAS (2011) Best Extension Worker Award from TANUVAS (2013) Certificate of Appreciation from the Vice-Chancellor, TANUVAS for enabling KVK, Kattupakkam to bag the National Best KVK Award (2011) Received the certificate of appreciation from the Dean, School of Management, SRM University in guiding the students of Enactus-SRM regarding Vermiculture during 2014 Service expert Award from Thirukural Popularist Society, 	Details of courses handled	Undergraduation • VAE – 311 Principles and Techniques of AH Extension (2+1) • TVC – 421 Veterinarian in Society (1+0) M.V.Sc • AHE 601- Fundamentals of Veterinary and Animal Husbandry Extension (2 +1) • AHE 602 - Communication for livestock development (1 +1) • AHE 605 - Animal Husbandry Programme planning and Evaluation (2 +1) • AHE 608 - Animal Husbandry Development Programmes (1+0) • AHE 612 - Information and Communication Technology in Livestock Development (1 +1) • PGS – 602 Technical writing and Communication skills (0 +1) Ph.D. • AHE 801 - Organisational Management (3 +0) • AHE 802 - Farm Journalism and Public Relations (2 +1) • AHE 803- Advance Research Techniques in Social Research (3 +1) • AHE 804- Training for Human Resource Development (2 +1) • AHE 807 - Dynamics of Change (2+0) • AHE 808 - Organisational Communication (2 +1)	Publications (PEER REVIEWED)	34	<ul style="list-style-type: none"> Introduced Micro teaching in PG education Adopted a group approach in theory and practical classes in UG education Developed an Interactive DVD for the online course on Animal welfare Video lessons on Goat farming and Hydroponic fodder were developed Developed e- course modules on Training management, Participatory Rural appraisal, Information and Communication Technology, Human Resource management and Farm Journalism Developed Touch screen kiosk modules on Dairy farming, Goat rearing, broiler and layer farming
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			Research	22	<p>Kancheepuram (2003)</p> <ul style="list-style-type: none">Fellow of United Writers Association, Chennai (2008)Best Poster presentation Award for the Research paper (2010)Received First Prize in the Oral presentation in the National Conference on Recent trends in Processing, quality, and safety of Ethnic and Organic foods held at CFDT, Koduvalli, on 27.06.2014.Received the Best KVK Award for 2014 in recognition of the research and Extension activities in Animal Husbandry and Veterinary Science conferred by Malarum Velanmai, Agricultural Magazine, Coimbatore on 07.03.2015.	E-modules prepared	<div><input type="checkbox"/> Participatory Rural Appraisal</div> <div><input type="checkbox"/> Farm Journalism</div> <div><input type="checkbox"/> ICT</div> <div><input type="checkbox"/> Human resource management and</div> <div><input type="checkbox"/> Training Management</div>				
			Extension	22		Research Guidance	M.V.Sc	Ph.d	Others	Projects	
						Chairman	3	1		Completed	Ongoing
						Member		1	1	12 <ul style="list-style-type: none">Implementation of Precision farming scheme in Tamil Nadu - 8.84 lakhs (NADP)Tribal sub Plan scheme on Technological Empowerment of tribal farmers through adoption of TANUVAS technologies in Tamil Nadu – 116.04 lakhs (ICAR)COL – Canada Project - Post Qualification Education in Animal Sciences - 1000 Canadian dollars(COL, Canada)Training and demonstration of Intensive aquaculture in ponds and tanks - 1.345 lakhs (NFDB)Establishment of Ornamental fish training centre - 2.5 lakhs (MPEDA)	5 <ul style="list-style-type: none">Development of Poultry entrepreneurship in hatchery management, poultry meat processing and value addition among two hundred native chicken farmers for food safety and security – 87.0 lakhs (GoTN)The GCRF – One Health Poultry Hub - 5.79 crores (GBP 667306) (GCRF – UKRI)Institutional Plan of Tamil Nadu Veterinary and Animal Sciences - 2495.13 lakhs (ICAR-NAHEP)An appraisal of Multipurpose Evacuation shelters and Animal Risk reduction through capacity building of probable stakeholders for disaster resilient Animal Husbandry in Tamil Nadu - 24.747 lakhs (TNDRA)Conservation of donkeys through technological

										<ul style="list-style-type: none">• Setting up Rural Marketing outlet at KVK, Kattupakkam - 0.9 lakhs (NABARD)• Village Development Programme – 0.7 lakhs (NABARD)• Intensive fodder production technology for augmenting livestock production - 2.88 lakhs (SPC)• Integrated farming systems for sustainable farming - 1.75 lakhs (SPC)• Assessment of Integrated farming system under wetland ecosystem - 1.00 lakh (ATMA)• Constraint analysis of goat farmers in Tamil Nadu – 0.10 lakhs (TNSCST)• Development of cost effective Hydroponic fodder production unit for sustainable fodder production – 2.98 lakhs (GoTN)	empowerment of donkey rearers in Tamil Nadu - 21.88 lakhs (NLM)	
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Dr.S.SARASWATHI	Associate Professor	Ph.D.	Teaching	4	Member Veterinary Council of India , PGDAEM	Best worker Award in the year 2015 International Award for Expert system APP developed for farmers during the year 2019	Details of courses handled	AHE 311 Principles of Extension Education and Techniques			Publications (PEER REVIEWED)	11	Power points for teaching Demonstration using materials in real situation Using Smart boards for teaching Conduct of Field visit for data Collection Trained them in village for conduct of campaign using e modules for teaching.
			E-modules prepared	Expert system developed									
			Extension	14			Research Guidance	M.V.Sc	Ph.D.	Others	Projects		
			Chairman	0			0	0	Completed	Ongoing			
			Member	1			0	0	Establishment of Fodder units at Meikkal Poramboke lands in Vellore and Villupuram Districts as Co-PI Poultry seed project as Co-PI Augmenting Milk Production Through supply of mineral mixtures and fodder seeds as Co-PI	0			

N. Vimal Rajkumar	Assistant Professor, Department of Veterinary and Animal Husbandry Extension Education	Ph.D.	Teaching	12	Member in Indian Veterinary Council Member in Indian Veterinary Extension Forum Member in Indian Meat Association	Junior Research Fellowship for PG programme	Details of courses handled	AHE 411 • Extension techniques in veterinary practice and livestock production 2+1 VAE 311 • Principles and techniques & Veterinary & Animal Husbandry Extension 2+1 AHC 417 • Information and Communication technology Management 2+1 VAE 803 Advanced Research Techniques in Social Research (3+0) AHE 608 Psychology in Extension Education (2+0)			Publications (PEER REVIEWED)	35 https://scholar.google.co.in/citations?user=vWS02koAAAAJ&hl=en	# Experienced Social science research methodology - Scale construction # Animal Disaster Management # Specialized in Infotainment - educational Short film making
			Research	12			E-modules prepared	5 e modules 10 video lessons on PRA for Post graduates students					
			Extension	12			Research Guidance	M.V.Sc	Ph.d	Others	Projects		

								Chairman	1	0	0	Completed	Ongoing	
								Member	1	2	0	1. Estimation of the Quantity and Quality of Poultry Litter available in Tamil Nadu for Renewable Energy Production - Co - PI 2. Animal Husbandry Local Dialects in Tamil Nadu - Co-PI 3. Empowerment of rural dairy farmers through augmentation of milk production by fodder cultivation and mineral mixture Supplementation - Co-PI 4. Revolving Fund Scheme on Establishing a Non-projected Visual Aids Production Unit - Co-PI 5. Production of digital short films on FMD and PPR for effective transfer of technology - CoPI 6. A Multi dimensional analysis of buffalo farming in Coimbatore district of Tamil Nadu - PI 7. An analysis of species-wise animal disaster	1. An appraisal of Multipurpose Evacuation Shelters and Animal Disaster Risk Reduction through capacity building of probable stakeholders for disaster resilient Animal Husbandry in Tamil Nadu - PI 2. UKRI GCRF One Health Poultry Hub - Co-PI 3. Development of Poultry entrepreneurship in hatchery management, poultry meat processing and value addition among two hundred native chicken farmers for food safety and security - Co-PI	

										management in India - Co-PI		
										8. Sustainable Livelihood for Desi Bird Famers through Technological Interventions in Tiruchirapalli District - Co-PI		

Name of the department : Livestock Business Management

Institution: MVC - Chennai

Name of faculty	Designation of the faculty	Highest Qualification	Related work experience in field (in years)		Membership in professional bodies, certified courses, fellowship, diplomates in specialized boards (details)	Honours and awards	Continuous documented excellence in teaching				Other demonstrated competencies (publications, projects handled)		Achievements – effective teaching and learning outcomes (write salient achievement only as bullet points)
B. Jaya Varathan	Assistant Professor	M.V.Sc	Teaching	8	Agricultural Scientific Tamil Society Livestock Scientific Tamil Society	Gold Medal for MVSc Gold Medal for MBA NCC B and C Holder	Details of courses handled	Economic Theory, Economic Analysis, Concepts of Business Management, Marketing management and international trade, Business Management and International trade, Cooperation Marketing and Finance, Financial management and cost accounting for BTech Food Technology and BTech Dairy Technology courses Livestock economics and marketing, Livestock entrepreneurship for BVSc & AH courses			Publications (PEER REVIEWED)	https://scholar.google.com/citations?hl=en&user=D23bTQ0AAAAJ&view_op=list_works&gmla=AJsN-F4N6ooS3sZ1Wukafrd0BqrA08X3jAixleehlsOQn6OhOZlr5s7a0HfQBPZSLi9R5Y4kU6LsWq90g3AxcQqATkv-6Ax_5YnC1sDiLJxCkDn8UnJXFQBJqSs_EBsERXwPQJ3LB7wkOV3IVS1Ps4TuCjFF5ypTQ	
			E-modules prepared	No									
			Research Guidance	M.V.Sc			Ph.d	Others	Projects				
			Chairman	0			0	0	Completed	Ongoing			
			Member	0			0	0	2 as Co-PI Co-PI, Popularization of target selective anthelmintic technique among the sheep farmers in Tirunelveli district,	0			

											funded by NABARD, fund outlay of Rs. 5,98,000/- Identification of Strategies for enhancing the share of MPCS in milk procurement to increase farmers' income, funded by State Planning Commission		
M.Prabu	Professor and Head	Ph.D.	Teaching	18	Tamil Nadu State Veterinary Council, Agricultural Economics and Research Association, Indian Meat Science Technology, Scientific Livestock Tamil Peravai Society		Details of courses handled	AHC 804 - Advances in Livestock Marketing and Price Analysis (2+1) AHC 601 - Introduction to Economic Analysis (2+1) AHC 602 - Macro Economics (2+0) AHC 603 - Micro Economics (2+0) AHC 609 - Animal Husbandry Development and Policy (1+0) AHC 611 - Livestock Credit and Co-operation (1+0) LPM 613 - Livestock Business Management (1+0) VAE 511 - Livestock Entrepreneurship (1+0) VAE 321 - Livestock economics, Marketing and Business Management (2+1) FST - 616 - Food Supply Chain management (1+1)	Publications (PEER REVIEWED)	80 esearchgate.net/publication/283009971_Profitability_analysis_of_goat_farming_in_Tamil_Nadu https://www.researchgate.net/publication/283321576_Economic_analysis_of_sheep_farming_in_Tamil_Nadu https://www.researchgate.net/publication/326175473_Type_and_Pattern_of_Bovine_Diseases_and_Disorders_Treated_at_Teaching_Veterinary_Hospitals_-_Chennai_Tamil_Nadu https://www.worldwidejournals.com/international-journal-of-scientific-research-(IJSR)/file.php?val=February_2013_1359731608_c271d_139.pdf https://www.researchgate.net/publication/333257768_Estimation_of_the_Factors_Influencing_the_Economic_Losses_Due_to_Foot_and_Mouth_Disease_FMD_in_Tamil_Nadu https://www.rese	Developed e contents for the course VAE 511 - Livestock entrepreneurship		
			Research	20			E-modules prepared	E contents developed for the course on VAE 511 - Livestock Entrepreneurship (1+0)					

[illegible]

											Animal Husbandry and Fisheries sector in Tamil Nadu Constraint Analysis of Livestock Insurance Scheme under National Livestock Mission		
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Name of the department : Library Science

Institution: MVC - Chennai

Name of faculty	Designation of the faculty	Highest Qualification	Related work experience in field (in years)		Membership in professional bodies, certified courses, fellowship, diplomates in specialized boards (details)	Honours and awards	Continuous documented excellence in teaching		Other demonstrated competencies (publications, projects handled)		Achievements – effective teaching and learning outcomes (write salient achievement only as bullet points)
			Teaching				Details of courses handled		Publications (PEER REVIEWED)		
L.Rajendran	Assistant Librarian	Ph.D.		13	Yes membership in professional bodies 1. Life Member, Society for the Advancement of Library and Information Science (SALIS) 2. Life Member, Association of Agricultural Librarians & Documentalists (AALDI) 3. Madras Library Association (MLA) 4. Indian Association of Special Libraries and Information Centres (IASLIC) 5. Kerala Library Association (KLA) 6. The Association of Mathematics Teachers of India	National Award for S.C. Ray Educational Trust Presents Bhartiya Eminence Award in Category of Distinguished Social Scientist on October 10th October 2018 at West Bengal. National Award for MALA AWARDS 2017 has recognized a significant contribution to the Library and Information Science on 12.08.2017 at Indian Institute of Technology, Chennai. International Award for JETR-FETMS year 2017 Award has recognized a Librarian Outstanding Contributions and Accomplishments to the Library Science on 11th – 12th March 2017 at Malaysia. National Award for Innovative Professional Award to your contributions in the field of	Details of courses handled	PGS 601 Library and Information Services (0+1) : Non-credit Compulsory Course for PGs & Ph.D., of MVC (Every Wednesday)	Publications (PEER REVIEWED)	1. Rajendran, L (2017). “Indian Agricultural contribution to Sorghum (Sorghum bicolour) CEREAL Crop: A Scientometric Study”, In International Conference on Knowledge Resources and Library Technologies (ICKRLT 2017) at Bharathidasan University, Trichy, on 24 – 25 February 2017. 2. Rajendran, L (2018). “A Scientometric Study on Global Research Analysis in Turmeric (Curcuma Longa)”, In International Conference on Emerging Trends in Librarianship: Role of Libraries	
			Research				E-modules prepared				

						<p>engineering and Technology Management Science by SPE India on 28th August 2016 at Coimbatore.</p>				<p>in Learning Environment at IIM,Trichy, on 10 – 12 December 2018, Edited by Dr.K.Elavazhagan Oh et al., ISBN:9788192999906.pp.526-533.</p> <p>3. Rajendran.L (2016). Global Research Contribution on Sugarcane (1951-2015): A Scientometric Study. Research Journal of Library Science, Vol.4: (7), 1-7 September 2016, pp.1-5.</p> <p>4. Rajendran.L (2016). Indian Contribution to Pigeonpea (<i>Cajanus cajan</i>) Pulse Crop Research: A Scientometric Analysis. SRELS Journal of Information Management, Vol.53: (6), December 2016, pp. (UGC Recommended Journal).</p> <p>5. Rajendran.L (2018). Collection Development and Management Policies in Library. IALA Journal (A Biannual Research Journal of Academic Library Association), Vol.6: (1 & 2), 2018, ISSN: 23191392 (UGC Recommended Journal).pp.343-347.</p> <p>6.</p>	
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								Rajendr an.L (2018). Application of Biometric System in Madras Veterinary College Library. Indian Journal of Information Library and Society IJILIS, Vol.31: (1 & 2), June 2018, pp.45-54, ISSN: 09714286 (UGC Recommended Journal).
								7.
								Rajendr an.L (2018). Research Output on Paddy (Oryza Sativa): A Scientometric Study, Indian Journal of Information Sources and Services, Vol.8: (2), 2018, pp.33-36, ISSN: 22316094 (UGC Recommended Journal). Impact Factor, 6.33
								8.
								Rajendr an.L (2018). Word Research Publications on Potato (Solanum Tuberosum); A Scientometric Assessment , Asian Journal of Information Science and Technology, Vol.8: (1), 2018, pp. 75-79, ISSN: 2231-6108 (UGC Recommended Journal).
								9.
								Rajendr an.L (2019). Banana Study Publications: A Scientometric Evaluation on CAB Director the Period 1978- 2018 , Asian Journal of Information

											Science and Technology, Vol.9: (3), 2019, pp. 44-47, ISSN: 2231-6108 (UGC Recommended Journal). 10Rajendran.L (2020). Coronavirus on Veterinary Research: A Scientometric Profile Based on CAB Direct Online , International Journal of Science and Healthcare Research, Vol.5: (1), 2020, pp. 159-164, ISSN: 2455-7587.	
			Extension				Research Guidance	M.V.Sc	Ph.d	Others	Projects	
							Chairman				Completed	Ongoing
							Member				1.National Agricultural Innovation Project on Strengthening of Digital Library and Information Management under NARS (e-GRANTH),ICAR, New Delhi under NAIP 2009-10 to2013-14	1.National Knowledge Management Centre for Agricultural Education and Research (Under NAHEP) ICAR, New Delhi under National Agricultural Higher Education,2017-18 to 2020-21

Name of the department : Livestock Production Management

Name of faculty	Designation of the faculty	Highest Qualification	Related work experience in field (in years)		Membership in professional bodies, certified courses, fellowship, diplomates in specialized boards (details)	Honours and awards	Continuous documented excellence in teaching		Other demonstrated competencies (publications, projects handled)		Achievements – effective teaching and learning outcomes (write salient achievement only as bullet points)
Dr.D.Diviyalakhmi	Assistant Professor	M.V.Sc	Teaching	2	1.ISAPM		Details of courses	UG- LPM unit I, III and VIII , LFP 211	Publications (PEER	8	

			2. Tamil Nadu Veterinary Council
	Research	2	
	Extension	2	

handled				REVIEWED)	
E-modules prepared					
Research Guidance	M.V.Sc	Ph.d	Others	Projects	
Chairman	0	0	0	Completed	Ongoing
Member	0	0	0		1. GKMS, Ministry of Earth Science, GOI

Dr.N.KUMARA VELU	Professor	Ph.D.	Teaching	21	1.ISAPM 2.SOCDAB 3.ISSR 4.TNVESTA 5.Tamilnadu veterinary council 6.Tamil society for Agricultural sciences	1.Santha memorial award-2 2.Tanuvas tamil peravai award-2 3. District collector best worker awars- 1 4.NBAGR Breed Saviour award-1 5.National Biodiversity award-2 6.National fellow -1	Details of courses handled	1. UG LPM111, LPM122, LPM313, LPM 411, LPM211, LPM321, LFP 211, LFP 221, VMD 523 VPP 321, LPM 221 2. PG LPM 604, LPM601, LPM 801,			Publications (PEER REVIEWED)	45	1. Prepared learning manuals for students 2.Conducted field visits to enrich learning 3.Effective learning for students through interactive sections 4. Farm Advisory services 5. Addressed farm-oriented problems for PG research.
			E-modules prepared	0									
			Research	21			Research Guidance	M.V.Sc	Ph.d	Others	Projects		
			Extension	21			Chairman	5	0	0	Completed	Ongoing	
							Member	4	2	0	1.Open nucleus breeding scheme of Madras Red Sheep 2.Goat under Intensive system 3. Conservation of Burgur cattle 4.Shelter management for impending climate change	0	

Dr.Thanga.Thamilvanan	Professor and Head	Ph.D.	Teaching	27	1. Tamil Nadu veterinary council 2.Tamil veterinary society 3.ISAPM	1. National fellow ISAPM	Details of courses handled	1.UGLPM111, LPM121 2.PG LPM 601, LPM 803, LPM 603 LPM 603 LPM 604			Publications (PEER REVIEWED)	20	1.Farm Advisory services 2. PG Students research in production system
			E-modules prepared	0									
			Extension	27			Research Guidance	M.V.Sc	Ph.d	Others	Projects		
			Chairman	10			1	0	Completed	Ongoing			

							Member	10	5	0	5	1. GKMS	
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Dr.S.USHA	Assistant Professor	Ph.D.	Teaching	8	1. Indian Association of women veterinarian 2. Association of Meat scientists and Technologists 3. Dairy Technology Society of India 4. Tamil Nadu State Veterinary Council 5. ISAPM 6. Animal Nutrition society of India 7. Global society for Health and educational research 8. Agricultural Scientific Tamil societies 9. Indian society for Sheep and Goat production and utilization 10. Society for conservation of domestic animal Biodiversity	1. Bharat Shiksha Ratan Awards 2. Adarsh vidya Saraswathi Rashtriya Puraskar 3. NBAGR- Breed Saviour Award- 2017 4. Indira Gandhi Sabbhavana Award 5. Certificate of appreciation for outstanding contribution to quality journal 2018	Details of courses handled	UG- LPM 111, LPM211, LPM 221 LFP 211, LFP 221, LPM223, DDB 111, LPM unit I, III and VIII PG- LPM 803, LPM 603			Publications (PEER REVIEWED)	10	1. Herd health monitoring in different physiological stages of Karen Fries cattle at NDRI 2. Milch goat unit established in farm 3. Find out nutritional value of herbs , shrubs, and grasses in grazing land of small ruminants
			E-modules prepared										
			Research	8			Research Guidance	M.V.Sc	Ph.d	Others	Projects		
			Extension	8			Chairman	0	0	0	Completed	Ongoing	
							Member	1	0	0	1. Establishing nucleus Jersey crossbred Bull- Mother farm production of superior crossbred bulls for sustainable milk production under rural conditions 2. ICAR scheme on Network project on sheep improvement in Madras Red sheep in filed 3. Establishmen t of model commercial lamb fattening unit		

A Yasotha	Assistant Professor	Ph.D.	Teaching	13	Life member in Indian Society of Animal Production Management Life member in Laboratory Animal Science Association Life member in Agricultural Scientific Tamil Society Life member in Indian Science Congress	S.No. Name of Award Awarding Agency Year 1 Dr.R.D.Michael's Gold Medal and Certificate of Award TANUVAS 2002 2 Certificate of Appreciation Gandhigram Rural University 2012 3 Certificate of Appreciation for	Details of courses handled	S.No Course Name Batch UG COURSES 1. LPM 411 Cattle And Buffalo Production and Management 2004-05 Batch 2. LPM 321 Sheep, Goat Production and Management 2005-06 Batch 3. LPM 411 Cattle And Buffalo Production and Management 2005-06 Batch 4. LPM 321 Sheep, Goat Production and Management 2006-07 Batch 5. EVS 221 Environmental Studies	Publications (PEER REVIEWED)	20	Conducting Quiz- Develops competitive spirit Developed visuals - Helps to understand better
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					Life member in Tamil Nadu Journal of Veterinary and Animal Sciences Life member in Tamil Nadu Veterinary Council Life member in Tamil Nadu India Veterinary Council Honorary member in Agricultural Students Association FELASA Accredited certificate course on Lab animal science-C Certificate Online Agmooc certificate on Health and Nutrition PG Diploma on Value Education and Spiritual Health VILIROS Scholarship by Interuniversity Council Belgium to attend International Training Programme	Technology TANUVAS 2013 4 Certificate of Appreciation National Disaster Response Force (NDRF),GOI 2014 5 Certificate of Appreciation Sree Narayana Guru College, Coimbatore. 2014 6 Appreciation Letter Dean, Madras Veterinary college 2014 7 Certificate of Appreciation National Disaster Response Force (NDRF), Ministry of Home affairs, Government of India.2015 8 Distinguishe d Service Award Agricultural Scientific Tamil Society, New Delhi. 2015 9 Popular article award Agricultural Scientific Tamil Society, New Delhi. 2015 10 Best Book contribution Award Tamil Nadu Agricultural University and Agricultural Scientific Tamil Society, New Delhi. 2015 11 Best PG Thesis Award for Doctoral programme Indian Society of Animal Production and Management 2016 12 Young Scientist of the year 2015 Award International Foundation for Environment and Ecology2016 13 VLIROUS- Inter university Council Fellowship To attend		2007-08 Batch 6. LPM 111 General Livestock Management 2008-09 Batch (Separate Batch) 7 LPM 122 Livestock Production Management –II (Monogastric and Laboratory Animals) 2009-10 Batch 8 LPM 121 Animal Housing and Sanitation 2008-09 Batch (Separate Batch) 9 LPM 111 Livestock Production Management –I 3+1 (General Principles and Ruminants) 2010-11 Batch 10 LPM 311 Swine / Equine /Camel/Yak production and Management 2008-09 Batch 11 LPM 122 Livestock Production Management –II (Monogastric and Laboratory Animals) 2010-11 Batch 12 EVS 221 Environmental Studies 2008-09 Batch (Separate Batch 13 LFP 211 Livestock Farm Practice(Non-credit) 2010-11 Batch 14 LPM324 Pollution Control and Environmental Safety 2009-10 Batch 15 LPM111 Livestock Production Management-I (3+1) (General Principles and Ruminants) Practical 2012-13 Batch 16 LPM314 Pollution Control and Environmental Safety 2010-11 Batch 17 LPM111 Livestock Production Management-I- 3+1 (General Principles and Ruminants) 2013-14 Batch 18 SPC 119 Environmental Sciences (2+1) 2013-2014 Batch 19 LPM 122 Livestock Production Management –II (Monogastric and Laboratory Animals) 2013-2014 Batch 20 LPM111 Livestock Production Management-I- 3+1 (General			
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						International Training on Food Safety at Ghent University, Belgium 2015 14 Best Book contribution Award in Tamil By Hon'ble CM, Tamil Nadu 2019 15 Navsari Agricultural University Award For Best paper on dairy co-operative 2019		Principles and Ruminants) T 2014-15 Batch 21 SPC 119 Environmental Sciences (2+1) 2014-2015 Batch 22 DST 118 Environmental Studies 2014-2015 Batch 23 VPP 322 Aquatic animal Diseases, Health Care and Management (1+1) combined course 2012-2013 Batch 24 LFP 221 Livestock Farm Practice (0+1) 2013-2014 Batch 25 LPM 223 Environmental Studies (1+1) 2013-2014 Batch Study Circle :6 1. Co-Advisor Eco systems and Livestock Study Circle 2009-10 Batch 2. Co-Advisor Alternate Animal use Study Circle 2009-10 Batch 3 Advisor Alternate Animal use Study Circle 2011-2012 Batch 4 Co-Advisor Alternate Animal use Study Circle 2012-2013 Batch 5 Advisor Alternate Animal use Study Circle 2013-2014 Batch 6 Co-Coordination For Entrepreneurial training on Pig Production 2010-2011 Batch PG courses LPM 604, LPM608, LPM 605, LPM 804, LPM 806 for 3 batches				
			Research	13			E-modules prepared	Video lesson on Laboratory Animal Management Video lesson on Identification methods Video lesson on Hoof trimming Video lesson on Equipment used in livestock handling				
			Extension	2			Research Guidance	M.V.Sc	Ph.d	Others	Projects	
							Chairman	2			Completed	Ongoing
							Member				1.A study on usage of herbal	1.Effect of Rumen protected

											<p>galactagogue on milk yield and quality</p> <p>2.ICAR Network project on Adaptation and Facilitation of Livestock to impending climatic changes through shelter management (Field based project) funded by Indian Council of Agricultural Research, New Delhi, India.</p> <p>3.Water quality analysis in small holder dairy farms in Non-Industrial areas of Tiruvannamalai, Chennai, India</p> <p>4.Water quality analysis in small holder dairy farms in Industrial areas of Ambattur, Chennai, India</p> <p>5.Efficacy evaluation of nutritional supplements to dairy herd in relevance to milk production</p> <p>6.Efficacy of herbal products in optimizing milk production in crossbred dairy cows during summer stress.</p> <p>7. Risk Assessment</p>	<p>Methionine and Rumen protected Lysine on Performance, and Urea Nitrogen during lactation</p>	
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										of heavy metal contamination in dairy cattle reared in industrial areas of Erode		
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Name of the department : LPT (Dairy Science)

Institution: MVC - Chennai

Name of faculty	Designation of the faculty	Highest Qualification	Related work experience in field (in years)		Membership in professional bodies, certified courses, fellowship, diplomates in specialized boards (details)	Honours and awards	Continuous documented excellence in teaching				Other demonstrated competencies (publications, projects handled)		Achievements – effective teaching and learning outcomes (write salient achievement only as bullet points)
Dr. R. Palani Dorai	Professor and Head	Ph.D.	Teaching	28	0	<div><div><input type="checkbox"/> Visiting Scholar Fellowship (2009) training at University of Nebraska, USA on 'Membrane Filtration and High Pressure Processing'.</div><div><input type="checkbox"/> Dr.Kurien's Gold Medal (1997)</div><div><input type="checkbox"/> Best paper presentation award- at XXXII Dairy Industry Conference, Chandigarh (1999)</div><div><input type="checkbox"/> Awarded first by the TNSCST in students project 'on utilization of channa whey by ultrafiltration (1997)</div><div><input type="checkbox"/> Patent Application # 3682/CHE/2012 filed on 10.12.2012 for "RYZ-Cream composition and Process for Preparation Thereof".</div><div><input type="checkbox"/> National : Certificate of appreciation by TIFAC(DST), New Delhi</div></div>	Details of courses handled	UG: <div><div><input type="checkbox"/> LPT 311 Milk and Milk Products Technology (2+1) BVSc</div><div><input type="checkbox"/> VPH 311 Milk Hygiene and Public Health (2+1) BVSc</div><div><input type="checkbox"/> LPT 311 Milk and Milk Products Technology (1+1) BVSc & AH</div><div><input type="checkbox"/> DST 211 Market Milk Technology (2+1) B.Tech (FT)</div><div><input type="checkbox"/> Dairy By-Products (2+1) B.Tech (D.T)</div></div> PG: <div><div><input type="checkbox"/> LPT 610- Technology of Milk Products (2+1)</div><div><input type="checkbox"/> LPT 607 Processing and Marketing Of Wool (2+1)</div><div><input type="checkbox"/> LPT 604 (1+1): Egg and Egg Products Technology</div><div><input type="checkbox"/> FPT 606 Food Analysis (0 + 2)</div><div><input type="checkbox"/> Beverage Technology (2+1) Ph.D. (FT)</div></div>			Publications (PEER REVIEWED)	31	-
			E-modules prepared	0									
			Research Guidance	M.V.Sc			Ph.d	Others	Projects				
			Chairman	3			2	0	Completed	Ongoing			
			Member	6			2	5	7	0			
			Research	28									
Extension	28												

Dr. T. R. Pugazhenth	Professor	Ph.D.	Teaching	20	<div><div><div>Life Member, Indian Dairy Association (IDA)</div><div>Life Member, Dairy Technology Society of India (DTSI)</div><div>Life Member, Association of Food Scientists and Technologists of India (AFST –I)</div><div>Life Member, Probiotics Association of India (PAI)</div><div>Life member in TANUVAS teachers Association</div><div>Life member in TANUVAS – Alumni Association</div></div><div><div>Best Poster Award in International workshop on "Capacity building in the areas of avian viral diseases and animal biotechnological applications" (21-23 Aug, 2007).</div><div>International Workshop on "Strategies in value addition and safety aspects pertaining to Dairy and Food Industry" (15 & 16th March, 2012).</div><div>Indo-European Conference on “Food for Health” - IIT, Chennai (10-12 Feb.,2013).</div><div>First prize in 42nd Dairy Industry Conference, Chennai (12 - 14 Dec., 2013).</div></div><div><div>Best Research Paper Presentation Award (First prize) in Kerala Veterinary Science Congress, Thrissur (09 - 10 Nov., 2013)</div><div>National Conference on "Recent Trends in Processing, Quality and Safety of Ethnic and Organic Foods" CFDT, Chennai (26 - 27 June, 2014).</div><div>First National Conference on Agricultural Science, MVC (13-14 June, 2015).</div></div><div><div>Distinguishing Service Award (First Place) - for the Year 2015 from Agricultural Scientific Tamil society, New Delhi - First Agricultural Science Tamil National Conference, MVC (13-14 June, 2015)</div></div></div>	Details of courses handled	UG: <div><div>LPT 311 Milk and Milk Products Technology (2+1) BVSc</div><div>VPH 311 Milk Hygiene and Public Health (2+1) BVSc</div><div>LPT 311 Milk and Milk Products Technology (1+1) BVSc & AH</div><div>FPE 415 Membrane Processing Technology (1+1) B.Tech. (FT)</div><div>DST 211 Market Milk Technology (2+1) B.Tech (FT)</div><div>FMC 116 Fundamentals of Microbiology (2+1) B.Tech (FT)</div><div>SPC 118 Fundamentals of Microbiology (2+1) B.Tech (PPT)</div><div>FMC 122 Food Microbiology (2+1) B.Tech (FT)</div><div>FPE 412 Food Plant Design and Layout (1+2) B.Tech (F.T)</div><div>DTE 211 Traditional Dairy Products (2+1) B.Tech (D.T)</div></div> PG: <div><div>LPT 608 Market Milk Processing and Dairy Plant Practices (2+1)</div><div>LPT 609 Quality control of Milk and Milk Products (1+1)</div><div>LPT 610- Technology of Milk Products (2+1)</div><div>FST 619 Advances in Milk Processing (2+1) M.Tech (F.T)</div></div> Ph.D.: <div><div>FST 622 Carbohydrate Chemistry and Technology (2+1) Ph.D. (FT)</div><div>FST 535 Current topics in Food Science and Technology (2+0)</div><div>FST 619 Product Design and Development (2+1)</div></div>			Publications (PEER REVIEWED)	45	-
			Research	20		E-modules prepared	Nil					
			Extension	20		Research Guidance	M.V.Sc	Ph.d	Others	Projects		
						Chairman	1	0	2	Completed	Ongoing	
						Member	1	1	4	71) Asse	0	

											<p>ssment of Fat and SNF in cross bred cow's milk from Tiruchirappalli district (VA 13-VUTRC 102) - Principal investigator 2)</p> <p>Basel</p> <p>ine Economics of Dairy farming in rural Tiruchirappalli district (VA 13-VUTRC 107) - Principal investigator 3)</p> <p>TNS</p> <p>CST project on Development of Modern technology in Turkey rearing and popularization of the same among the rural people in Pudukkottai - Co-Principal investigator - 1.75 lakhs 4)</p> <p>NAD</p> <p>P scheme on Centre for Polytechnic Course in Animal Sciences - Co-Principal investigator - 102.36 lakhs 5)</p> <p>ICAR – NAIP</p> <p>project on A milk value chain for Unorganized sector - Associating Scientist - 350.00 lakhs 6)</p> <p>Entrepreneurship Training Programme</p>	
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											on "Rabbit Production" - Programme Co-ordinator - 40,000 7) Revolving Fund Scheme on "Establishment of Fattener Pig Unit - Programme Co-ordinator - 2 lakhs		
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Dr. B.SURESH SUBRAMONIAN	PROFESSOR, also served as Captain in 1TN R&V SQN NCC	PDF	Teaching	22.5	-Tamil Nadu State Veterinary Council -IDA – Indian dairy Association -SPCA - Society for prevention of Cruelty to Animals	International-VLIR OUS Fellowship of Flemish International Council 2013	Details of courses handled	B.V.Sc M.V.Sc Dairy Technology Ph.D. Dairy Science PGDBM Animal Husbandry and Fisheries management B.Tech M.Tech Ph.D. Food tech	Publications (PEER REVIEWED)	a) Research papers - International 1. Suresh Subramonian, B., Sudha,S and Elango ,A. (2018) Hydrophilic and hydrophobic peptides of probiotic fermented whey. Int.J.Chem.Studies. :6(6) :426-328. 2. Suresh Subramonian, B., Senthil,T., S Elango,A, and Rita Narayanan, (2018) Probiotic Effect cultures of honey on the growth of Bifidobacterium longum bb-46 in symbiotic whey drink. Int.J.Chem.Studies. :6(6) :356-357. 3. Suresh Subramonian, B., Sudha,S Elango,A, and Poorani,A., (2018) Effect of Probiotic cultures on Physical and sensory attributes of probiotic shrikhand. Int.J.Chem.Studies. :6(6) :353-55. 4. Rita	<ul style="list-style-type: none">Recently established the “PGRIAS Organic farm” at Kattupakkam with the approval of Tamil Nadu Organic Certification Department with registration No TNO(C)56 in the year 2017 for the first time in TANUVAS. It was also renewed for the subsequent year.at Before joining TANUVAS, I worked for Madurai District Cooperative Milk Producers Union Limited as Veterinary officer / Team Leader / Managerial cadre formore than seven years. Where I had ample administrative exposure at district level toadminister extension officers, society secretaries, VLWs Inseminators and liaise with Collectorate, AH department, Agricultural department, banks and financing institutions, dairy industries, milk commissioner office and cooperative departments apart from being a veterinary doctor (1986 to 1994).I was instrumental in starting of correspondence courses in TANUVAS, which has now evolved as Directorate of Distance Education in 1995I have established the well-equipped Dairy Nutraceutical Analysis (DNA) Lab at the Department of Dairy Science in 2009I was instrumental in starting the unique Livestock Business Management Department at TANUVAS in 2010I have rendered yeomen service as Captain for I(TN) R&V SQN NCC for about twelve years (2000-2012). The most prerogative Sharma trophy of RD Parade was fetched by R&V rider A.Sathya during my tenure during 2001. Coordinated the establishment of new unit and riding school at MMC, Madhavaram in 2011Nominated as an Expertmember in theBench Marking Food Processing Technology Committee for dairy technology courses, offered by IICPT, Ministry of food processing Industries and contributed for prospective changes in educationI was nominated as a member of the working group on Animal Husbandry Dairying for the formulation of XII Five-year plan, which gave an overview of future prospects and policy requirements for the growth of the
			Research	21	-International-Tamil Society for Veterinary Services -SASNET-FF Swedish South Asian network for Fermented foods(International) -AWB - Animal Welfare Board of India -Madras Management Association -International – RINA – Carbon AuditingLife Member		E-modules prepared	MILK AND MILK PRODUCTS TECHNOLOGY FOR B.V.Sc PAH			

									<p>Narayanan, B.Suresh Subramonian and Dorothy Pushparani (2017). Action of <i>Bifidobacteria</i> on whey proteins. The Bioscan 12(1)85-87.</p> <p>5. M.Suganthi, P.Muthukrishnan a, C.Chinnusamy and B.Suresh Subramonian (2017). Management of Soil Physical Constraints-A review .Int . J. Sci.Environment. 6(2) 1215-1222</p> <p>6. Rita Narayanan, B.Suresh Subramonian and V.S.Vadivoo(2015) Molecular Identification of Bifiobacteria from infant faeces.African.J. Mic. Res 9 (1)33-38.</p> <p>7. Subburaj , M., T. Ramesh Babu, and B. Suresh Subramonian (2015) A study on strengthening the operational efficiency of dairy supply chain in Tamil Nadu. Science direct Procedia Social and Behavioural Sciences Elsever 189 :285-291</p> <p>8. Divya,s. And B.Suresh Subramonian (2013) Impact of human milk oligosaccharides (HMO) in neonates. Int J. Eng trends and Technol. 5(2) 86-</p>	<p>sector.</p> <ul style="list-style-type: none">• Nominated as expert for Indian National Committee of International Dairy federation• Nominated as Member of MMPO 92 Panel for inspection of Dairies• Self-study co–ordinator for DDE During visit of Peer Review Team of ICAR• Co-opted Member (Expert-Dairy Technology) Board of management, Kanyakumari District Cooperative Milk Producer's Union Ltd.,
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									<p>gnanaraj, P. Thilakar (2012) Impact analysis of personality development and business motivation programme among professio nal students. International journal of social science & interdisciplinary research vol.1 (9) ISSN 2277 3630 : 111-119.</p> <p>13. A.Poora ni, B.Suresh Subramonian,A. Elango(2017) Development of synbiotic whey drink Int. J. of Bio-Technol and Research 7(6): 11-14</p> <p>14. A.Poora ni, B.Suresh Subramonian,A. Elango(2017) Development of symbiotic whey drink. Int Journal of Biotechnology and research vol7:6,11-14 Suresh Subramonian B., (2005) "Studies on Bifidogenic properties of modified milk " International Dairy Federation Bulletin 2006:</p> <p>6.Subburaj, M., T. Ramesh Babu, E. Gladstone and B. Suresh Subramonian (2013) Constraints Analysis and Remedial Policy for Dairy Supply Chain in Tamil Nadu. Ind. Vet. J(90) 3:133</p> <p>11. Rita Narayanan and</p>	
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									<p>B. Suresh Subramonian (2015) Effect of prebiotics on bifidobacterial species isolated from infant faeces. Indian Journal of Traditional Knowledge Vol. 14 (2): 285-289.</p> <p>12. Rita Narayanan, B.SureshSubramonian, T.R.Pugazhenth (2013) Isolation of bifidobacteria from infant faeces . Ind j research :3 (4) 269-271</p> <p>14. Rita Narayanan and B. Suresh Subramonian (2016). Probiotic activity of Bifidobacteria from infant faeces - Indian Journal of Animal Research Volume 50 Issue 1</p> <p>16. Rita Narayanan; Suresh Subramonian, (.2016)9 Specific antibacterial activity of bifidobacteria. North-East Veterinarian Vol.11 No.3 pp.14-17.</p> <p>d) Books Scientific 1.Kodaikku Yettra Kuraintha Muthaleetu Paal Porutkal by B. Suresh Subramonian Valarthozhil (May 2013) Pg.No.55.</p> <p>2. Vellattu Paal urpathiyin moolam ilaapam tharum vellattup pannai – velan vaniga ulagam - by B. Suresh</p>	
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									<p>Subramonian, Pg. No.40 April. 2017</p> <p>3. Sirantha Kaalnadai Theevanamagu m Asolaa- Munaivar Mu. Suganthi, Munaivar Ba. Suresh Subramonian, Munaivar Ha. GopiPachai Bhoomi Pg. No..39, October 2017.</p> <p>4.Kaaikarip Payirgalil Kalai Nirvagam -- Munaivar Mu. Suganthi, Munaivar Ba. Suresh Subramonian, Munaivar Ha. Gopi Pachai Bhoomi Pg. No.41, July 2016.</p> <p>5. Kodaiyil Kaalnadaigalukk ana Theevana Melaanmai- Munaivar Mu. Suganthi, Munaivar Ba. Suresh Subramonian, Munaivar Ha. Gopi Pachai Bhoomi Pg. No.40-41, August2016.</p> <p>6.Payanmigu uramagum payir kazhivugal - Munaivar Mu. Suganthi, Munaivar Ba. Suresh Subramonian, Munaivar Ha. GopiPachai Bhoomi Pg. No.34-37, November 2016.</p> <p>7. Maatri amaikkappatta payir kaappeedu - Munaivar Mu. Suganthi, Munaivar Ba.</p>	
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									<p>Suresh Subramonian, Munaivar Ha. Gopi Pachai Bhoomi Pg. No.14-15, December 2016.</p> <p>8. Angaga vivasayigalukkan a thaguthi chanru - Munaivar Mu. Suganthi, Munaivar Ba. Suresh Subramonian, Munaivar Ha. Gopi Pachai Bhoomi Pg. No.38-39, January2017.</p> <p>9.Viraivaaga valarum malaivembu - Munaivar Mu. Suganthi, Munaivar Ba. Suresh Subramonian, Munaivar Ha. Gopi Pachai Bhoomi Pg. No.17, February 2017.</p> <p>10. Nilathai panpaduthuvath an mukkiathuvam - Munaivar Mu. Suganthi, Munaivar Ba. Suresh Subramonian, Munaivar Ha. Gopi Pachai Bhoomi Pg. No.44, March 2017.</p> <p>11. Velan Kaadukalil Theevana Payir Urpathi Thozhilnutpangal , by M.Suganthi, B. Suresh Subramonian and H.Gopi – Pg.No.23.</p> <p>12.Centenary Souvenir, (2003), R&V – A Specialty NCC</p>	
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									<div>Unit for the MVC Students, by 2/Lt (Dr.) B. Suresh Subramonian, Company Commander, 1 (TN) R&V SQN, NCC.</div> <div>13. Pasumai Vikatan, (October 2009), Pakkumattayel pocket pal. thulasaiei palgova, by B. Suresh Subramonian.</div> <div>14.Techincal Reporter July – August 2014 Whey – A Valuable By Product of Milk, by Dr. Ritanarayanan, Dr. B. Suresh Subramonian and A.S Vaishnavi. Manuals</div> <div>1. A practical guide to dairy processing and technology of milk and milk products</div> <div>2. Practical guide to dairy products technology and dairy plant engineering</div> <div>3. A practical guide to milk and milk products technology</div> <div>4. A manual and record to milk and milk products technology Chapters / Pamphlet</div> <div>1. An all-time Hand Book for Veterinarians, Animal Welfare by B. Suresh Subramonian.</div> <div>2.Karavaimadu Valarapu, Suthamana Pal Uarpathi by R.</div>	
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										<p>Narishman, R. Nadanam and B. Suresh Subramonian. 3.Karavaimadu Valarapu, Narmuga Pairuchi, by Dr. F. R. Sheriff and Dr. B. Suresh Subramonian. 4. Animal Welfare, (1998- 99), Scope and Functions of Animal Welfare by Dr. F.R. Sheriff and Dr. B. Suresh Subramonian. 5. Course on Animal Welfare, Norms for Feedings Management of Animals by Dr. V. Balakrishnan and Dr. B. Suresh Subramonian. 6. Pal mattrum Pal Porrutkal, by Dr. B. Suresh Subramonian. 7. Animal Welfare (1998 – 99), 8.b. Environment & Ecology – Role in Animal Welfare by Dr. B. Suresh Subramonian. 8. Kalnadai Valarpil Thozhil Vaipugal, Pal Padheneedum Neelayam, Pg. No. 30 by Dr. B. Suresh Subramonian. 9.லாபம்தரு ம்ஒருங்கி ணைத்தப ண்ணையம் கால்நடைக ளுடன்தீவன பயிர்மற்றும் மூலிகைப யிர்ஒருங்கி ணைப்புமு னைவர்ம.சு கந்தி, முனைவர்</p>	
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												பா.சுரேஷ் ப்ரமணியன் 'முனைவர் ஹ.கோபி 1.Pamphlet on "Animal Welfare" 2.Pamphlet on "Dietetic Srikhand" 3.Pamphlet on "Milk Powder" 4.Pamphlet on "Bifi Whey" in Tamil 5.Pamphlet on "Bifi Whey" in English 6. NAIP brochure 7. About UPD 8.Business opportunity LBM 9.Newsletter and Cheithimadal (8) 10. Distance Education Pamphlet	
			Extension	16				Research Guidance	M.V.Sc	Ph.d	Others	Projeccts	
								Chairman	4	1	2	Completed	Ongoing
								Member	3	4	3	PositionTitle Sour ce of funds Durat ion Budg et Co- ordinator Certif icate programme on Animal Welfare Anim al welfare board of India &self- generating Mode 1996 -97 1998-99 1999-00 Rs. 21.79 Lakhs Self- sustaining Mode	

											<div>P.I Plan Scheme Starting of M.V.Sc. Degree Course in Dairy Technology, Dairy Microbiology and Dairy Chemistry at the Department of Dairy Science, MVC,Chenna i State government of Tamil Nadu 03.02 .2004 to till date > Rs. 10 lakh P. I. i/c Plan Scheme- Dairy Plant State government of Tamil Nadu Univ ersity assignment at Dairy Science Department > Rs. 10 lakh PI Tribal Sub plan of veterinary type culture ICAR 2 years Rs.1 1 lakhs Co-PI Milk Value Chain for the Un organized Sector ICAR -NAIP 3.5 years Rs.3 46 Lakh Co-PI Esta blishment of state level food processing training centre and</div>		
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						a) Research papers - International	
						<p>1. Suresh Subramonian, B., Sudha,S and Elango ,A. (2018) Hydrophilic and hydrophobic peptides of probiotic fermented whey. Int.J.Chem.Studies. :6(6) :426-328.</p> <p>2. Suresh Subramonian, B., Senthil,T., S Elango,A, and Rita Narayanan, (2018) Probiotic Effect culturesof honey on the growth of Bifidobacterium longum bb-46 in symbiotic whey drink. Int.J.Chem.Studies. :6(6) :356-357.</p> <p>3. Suresh Subramonian, B., Sudha,S Elango,A, and Poorani,A., (2018) Effect of Probiotic cultures on Physical and sensory attributers of probiotic shrikhand. Int.J.Chem.Studies. :6(6) :353-55.</p> <p>4. Rita Narayanan, B.Suresh Subramonian and Dorothy Pushparani (2017). Action of Bifidobacteria on whey proteins.The Bioscan 12(1)85-87.</p> <p>5. M.Suganthi, P.Muthukrishnan,a, C.Chinnusamy</p>	<ul style="list-style-type: none"> • Recently established the “PGRIAS Organic farm” at Kattupakkam with the approval of Tamil Nadu Organic Certification Department with registration No TNO(C)56 in the year 2017 for the first time in TANUVAS. It was also renewed for the subsequent year. • at Before joining TANUVAS, I worked for Madurai District Cooperative Milk Producers Union Limited as Veterinary officer / Team Leader / Managerial cadre formore than seven years. Where I had ample administrative exposure at district level toadminister extension officers, society secretaries, VLWs Inseminators and liaison with Collectorate, AH department, Agricultural department, banks and financing institutions, dairy industries, milk commissioner office and cooperative departments apart from being a veterinary doctor (1986 to 1994). • I was instrumental in starting of correspondence courses in TANUVAS, which has now evolved as Directorate of Distance Education in 1995 • I have established the well-equipped Dairy Nutraceutical Analysis (DNA) Lab at the Department of Dairy Science in 2009 • I was instrumental in starting the unique Livestock Business Management Department at TANUVAS in 2010 • I have rendered yeomen service as Captain for I(TN) R&V SQN NCC for about twelve years (2000-2012). The most prerogative Sharma trophy of RD Parade was fetched by R&V rider A.Sathya during my tenure during 2001. Coordinated the establishment of new unit and riding school at MMC, Madhavaram in 2011 • Nominated as an Expertmember in theBench Marking Food Processing Technology Committee for dairy technology courses, offered by IICPT, Ministry of food processing Industries and contributed for prospective changes in education • I was nominated as a member of the working group on Animal Husbandry Dairying for the formulation of XII Five-year plan, which gave an overview of future prospects and policy requirements for the growth of the sector. • Nominated as expert for Indian National Committee of International Dairy federation • Nominated as Member of MMPO 92 Panel for inspection of Dairies • Self-study co–ordinator for DDE During visit of Peer Review Team of ICAR • Co-opted Member (Expert-Dairy Technology) Board of management, Kanyakumari District Cooperative Milk Producer’s Union Ltd.,

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										<p>powder. Egyptian Journal of Dairy Science ,40:85-89 (2012) 10.</p> <p>A.Poora ni, B.Suresh Subramonian, A.Elango, T.R.Pughazhent hi and B.Dhanalakshmi (2012) Synbiotic bifido milk powder in weaned piglets: Effect on growth, Haematology and Intestinal Histology. Egyptian Journal of Dairy Science ,40:91-97 (2012) 11.</p> <p>A.Poora ni, B.Suresh Subramonian, A.Elango, A.subramanian, Vairamuthu, BSM Ronald and Palanivel. (2012) Impact of supplementation of symbiotic bifido milk powder on growth, haemato biochemical and intestinal histological changes in weaned piglets. Int.J.Family and home Sci.Vol 2: 87-95</p> <p>12. Senthil kumar, G., M. Prabu, B. Suresh Subramonian,P. Tensingh gnanaraj, P. Thilakar (2012) Impact analysis of personality development and business motivation programme among professio nal students. International journal of social science & interdisciplinary research vol.1 (9) ISSN 2277 3630</p>	
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																					16.
																					Probiotic s –Themodulator of Gut HealthEuropean J. of Mol Biol and Biochem. 1(3) : 116-119
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																					Rita Narayanan, B.Suresh Subramonian and C.Naresh Kumar (2014) Use of probiotics as dietary adjuncts. ijfans:

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										<div>Pondichery : 127-130 Scientific papers in English 1. Suresh Subramonian B., Naresh Kumar C. and Narasimhan. R. (1995) Comparative study on shrikhand prepared using buffalo, cow and goat skim milk. Cheiron (1995) 24.1-8. 2. Suresh Subramonian,B. B.Vekataeshiah, and C.Naresh kumar. (2008) Modification of milk with whey protein and lactoferrin for growth of bifidobacteria. Ind. J. of Dairy & Bio Sciences (16&17) : 8-14 3. Suresh Subramonian, B. C. Naresh kumar, B.V.Vekateshaia h (2008) Dietetic effects of probiotic- shrikhand like product prepared using LAB Ind. J. of Dairy & Bio Sciences (16&17) : 30 -34 4. Suresh Subramonian, B. C. Naresh kumar, B.V.Vekateshaia h. (2005) Therapeutic Properties of Dietetic shrikhand prepared using LAB. Mysore J. Agric. Sci. 39(3):399-403. 5. Suresh Subramonian. B. Naresh Kumar C. and Narasimhan. R. (1997) Selection of type and level</div>	
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									<p>of lactic acid bacteria in the preparation of dietetic shrikhand. Journal of Food Science and Technology.34 (4):340-42.</p> <p>6. Subburaj , M., T. Ramesh Babu, E. Gladstone and B. Suresh Subramonian (2013) Constraints Analysis and Remedial Policy for Dairy Supply Chain in Tamil Nadu. Ind. Vet. J(90) 3:133</p> <p>7. Senthil Kumar, G., B. Suresh Subramonian, P. Tensingh Gnanaraj, A. Serma Saravana Pandian and B. Jaya Varathan (2012) Analysis of intention of Professional students to become livestock business entrepreneurs in Tamil Nadu Indian Journal of Field Veterinarians, 7(3):43-44.</p> <p>8. Thirunav ukkarasu,M. G.kathiravan, B.Suresh Subramonian, A.Kalaikannan and W.Jebarani (2011) Factors influencing the prevalence of ketosis in dairy farms. Ind. Vet. J. 88: 9 : 41-44.</p> <p>9. Thirunav ukkarasu,M. G.Kathiravan, B.Suresh Subramonian, A.Kalaikannan</p>	
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										<p>Subramonian (2016). Probiotic activity of Bifidobacteria from infant faeces - Indian Journal of Animal Research Volume 50 Issue 1</p> <p>15. Poorani, A.; Suresh, S. B.; Subramanian, A.; Kumaravel, P.; Ronald, B. S. M 2011.Dietary supplementation of piglet feed with synbiotic bifidus milk powder on weight gain and control of Escherichia coli in faecal microbiota.North -East Veterinarian Vol.11 No.3 pp.9-10.</p> <p>16. Rita Narayanan; Suresh Subramonian, (.2016)9 Specific antibacterial activity of bifidobacteria. North-East Veterinarian Vol.11 No.3 pp.14-17.</p> <p>d) Books Scientific 1.</p> <p>Synbiotic Dairy and food products in human health and Nutrition, B.Suresh Subramonian et al</p> <p>2. Animal Welfare, (1998-99), Dr. F.R. Sheriff, Dr.Thyagarajan and Dr. B. Suresh Subramonian.,Dr .A.shyambabu</p> <p>3. Animal Welfare, (1998-</p>
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										<p>99), Dr. Sunderasan, Dr.A.Subramanian, Dr.A.shyambabu and Dr. B. Suresh Subramonian</p> <p>4. Karavaimadu Valarapu, by Dr. F. R. Sheriff and Dr. B. Suresh Subramonian. (Tamil)</p> <p>5. அங்க க கால்நடை பண்ணை மற்றும் மூலிகைத் தோட்டம் முனைவர் பா. சுரேஷ்சுப்ர மணியன் , முனைவர்ம. சுகந்தி முனைவர் ஹ. கோபி ISBN 978-81-924478-0-3</p> <p>e) Popular Article</p> <p>1. Society for the Prevention of Cruelty to Animals, (2006), Understanding Animal Welfare In Relation to Experimentation – 3RS+R, Pg. No. 50.</p> <p>2. Kaalnad ai Kathir, (December 2011), Kaalnada i Maruthuva Arivialin Vianmigu Valarachi Padhai, by B. Suresh Subramonian and S. Arunkumar, Pg. No. 31 & 32.</p> <p>3. Paal Matrum Paal</p>
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									<div>Porutkal Vaajibam Seithal – Compendium of a Workshop on “Kaalnadaigal Moolam Unavu Porutkal Urpathi”Pg.No.4 2 by B. Suresh Subramonian.</div> <div>4. Shrikhan d - Oru Unnatha Paal Pandam by B. Suresh Subramonian, Md.Habibullah Khan and R.Narasimhan - Kalnadaai KathirPg.No.17.</div> <div>5. Paalkov a Matrum Athanmulam Thayarikkapadu m Paalporutkal by B. Suresh Subramonian, Kalnadaai KathirPg.No.25</div> <div>6. Paal Pathanidum Nilayam by B. Suresh Subramonian- Kalnadaai Valarpil Thozhil Vaippugal Pg.No.30</div> <div>7. Bioactiv e Peptides of Milk Means of Naturopathy for Hypertension by B. Suresh Subramonian Amirtham – A Siddha Magazine Pg.No.113.</div> <div>8. Kodaikk u Yettra Kuraintha Muthaleetu Paal Porutkal by B. Suresh Subramonian Valarthozhil</div>
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								(May 2013) Pg.No.55. 9. Spic Paanaiseidhai malar, (December 2002 to January 2003), Nam sutramum puramum – sutru suzhal by B. Suresh Subramonian, Pg. No. 18.
								10. bjhêš tâf« (or«g® 2014) Ó«ghè« Kj»aaJt« gjf v©. 22 nguhÁça® gh. RnuZ R¥Åukâa«.
								11. bjhêš tâf« (Ã¥utç 2015) ghè« cgbghUỲ CÚ® mj« ga«ghLfỲ gjf v©. 47 nguhÁça® gh. RnuZ R¥Åukâa«.
								12. Vellattu Paal urpathiyin moolam ilaapam tharum vellattup pannai – velan vaniga ulagam - by B. Suresh Subramonian, Pg. No.40 April. 2017
								13. Sirantha Kaalnadai Theevanamagu m Asolaa- Munaivar Mu. Suganthi, Munaivar Ba. Suresh Subramonian, Munaivar Ha. GopiPachai Bhoomi Pg. No..39, October 2017.
								14. Kaaikari p Payirgalil Kalai Nirvagam -- Munaivar Mu. Suganthi, Munaivar Ba. Suresh

										<p>Subramonian, Munaivar Ha. Gopi Pachai Bhoomi Pg. No.41, July 2016.</p> <p>15. Kodaiyil Kaalnadaigalukk ana Theevana Melaanmai- Munaivar Mu. Suganthi, Munaivar Ba. Suresh Subramonian, Munaivar Ha. Gopi Pachai Bhoomi Pg. No.40-41, August2016.</p> <p>16. Payanmi gu uramagum payir kazhivugal - Munaivar Mu. Suganthi, Munaivar Ba. Suresh Subramonian, Munaivar Ha. GopiPachai Bhoomi Pg. No.34-37, November 2016.</p> <p>17. Maatri amaikkappatta payir kaappeedu - Munaivar Mu. Suganthi, Munaivar Ba. Suresh Subramonian, Munaivar Ha. Gopi Pachai Bhoomi Pg. No.14-15, December 2016.</p> <p>18. Angaga vivasayigalukkan a thaguthi chanru - Munaivar Mu. Suganthi, Munaivar Ba. Suresh Subramonian, Munaivar Ha. Gopi Pachai Bhoomi Pg. No.38-39, January2017.</p> <p>19.</p>
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										<p>Viraivaa ga valarum malaivembu - Munaivar Mu. Suganthi, Munaivar Ba. Suresh Subramonian, Munaivar Ha. Gopi Pachai Bhoomi Pg. No.17, February 2017.</p> <p>20. Nilathai panpaduthuvath an mukkiathuvam - Munaivar Mu. Suganthi, Munaivar Ba. Suresh Subramonian, Munaivar Ha. Gopi Pachai Bhoomi Pg. No.44, March 2017.</p> <p>21. Velan Kaadukalil Theevana Payir Urpathi Thozhilnutpangal , by M.Suganthi, B. Suresh Subramonian and H.Gopi – Pg.No.23.</p> <p>22. Centena ry Souvenir, (2003), R&V – A Specialty NCC Unit for the MVC Students, by 2/Lt (Dr.) B. Suresh Subramonian, Company Commander, 1 (TN) R&V SQN, NCC.</p> <p>23. Pasumai Vikatan, (October 2009), Pakkumattayel pocket pal. thulasaiel palgova, by B. Suresh Subramonian.</p> <p>24. Techinc al Reporter July</p>
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										<div>Subramonian. 5. Course on Animal Welfare, Norms for Feedings Management of Animals by Dr. V. Balakrishnan and Dr. B. Suresh Subramonian. 6. Pal matttrum Pal Porrutkal, by Dr. B. Suresh Subramonian. 7. Animal Welfare (1998 – 99), 8.b. Environment & Ecology – Role in Animal Welfare by Dr. B. Suresh Subramonian. 8. Kalnadai Valarpil Thozhil Vaipugal, Pal Padheneedum Neelayam, Pg. No. 30 by Dr. B. Suresh Subramonian. 9. லாபம் தரும்ஒருங் கிணைத்தப ண்ணையம் கால்நடைக ளுடன்தீவன பயிர்மற்றும் மூலிகைப யிர்ஒருங்கி ணைப்புமு னைவர்ம.சு கந்தி, முனைவர் பா.சுரேஷ்.சு ப்ரமணியன் , முனைவர் ஹ.கோபி</div> <div>1. Pamphle t on “Animal Welfare” 2. Pamphle t on “Dietetic Srikhand” 3. Pamphle t on “Milk Powder”</div>
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											4. Pamphlet on “Bifi Whey” in Tamil 5. Pamphlet on “Bifi Whey” in English 6. NAIP brochure 7. About UPD 8. Business opportunity LBM 9. Newsletter and Cheithimadal (8) 10. Distance Education Pamphlet
											Ongoing

Name of the department : LPT(Meat Science)

S. Ezhilvelan	Assistant Professor	Ph.D.	Teaching	14	1. Executive Committee member, AMST 2. Life member, IMSA 3. Life member, ISSGPU 4. Life member, Veterinary Council of India 5. Life member, TANUVAS Teachers Association	1. Certificate of Appreciation from TANUVAS for development of Electrical Stunner. 2.“Best Terminology Award” for the book “Iraichi Sol Agarathi” in First National Tamil Conference of Agricultural Scientific Tamil Society, New Delhi held at Madras Veterinary College, Chennai, on 13th and 14th of June, 2015. 3. “Best Book Award” for the book “Sutamaana Iraichi Urpathi”	Details of courses handled	1. VPH 321 Meat Hygiene and Public Health 2. LPT 321 Abattoir Practices and Animal By products utilization 3. LPT 411 Meat Science 4. LPT 312 Abattoir Practices and Animal products Technology 5. LPT 321 Meat Science 6. LPT 605 ABATTOIR AND POULTRY PROCESSING PLANT PRACTICES 7. LPT 603 POULTRY AND FISH PRODUCTS TECHNOLOGY 8. B.Tech - 5 courses			Publications (PEER REVIEWED)	2	In a career of about 13 years, number of students who failed would be less than 10 in their first attempt and only one failed in CAP too.
			E-modules prepared	LPT 321 - Meat Science									
			Research	20			Research Guidance	M.V.Sc	Ph.d	Others	Projeccts		
			Extension	15			Chairman	0	0	1	Completed	Ongoing	

							Member	1	0	0	0	1	
Dr.R.Narendra Babu	Professor and Head	Ph.D.	Teaching	20	1. Life member- Tamil Nadu State Veterinary Council 2. Life member- Veterinary Council of India 3. Life member- Indian Meat Science Association 4. Life member- Indian Society for Buffalo Development 5. Life member -Indian Society for Sheep and Goat Production and Utilization 6. Life member- Indian Poultry Science Association. 7. Life member- National Meat and Poultry Processing Board, New Delhi 8. Life member and Treasurer - Association of Meat Scientists and Technologists 9. Life Member in Indian Association of Veterinary Public Health Specialists. 10. Life member in Agricultural Scientific Tamil Society, New Delhi. 11. Life member in Tamil Society for Veterinary Sciences	1. Junior research fellow, 1995, ICAR, For higher studies 2. Senior research fellow, 1997, ICAR, For higher studies 3. Three award of merits for three poster presentations from Indian Meat Science and Technology during 2010 4. Certificate of appreciation for TANUVAS – Pet treat , 2013 5. Certificate of appreciation for- TANUVAS- Electrical stunner ,2013 6. 2nd price for poster on “Physico-Chemical, Microbiological and Organoleptic characteristics of Value-added buffalo meat loaves packed and stored under chiller storage”. 7. “Best Terminology Award” for the book “Iraichi Sol Agarathi”, 2015 by Agricultural Scientific Tamil Society, New Delhi 8. Award: Dr.Vaithilingam Rathnasabapathy Endowment cash award for the year 2014 of the innovation of Mobile Poultry Processing Unit on 05.02.2016 9. Best Book Award for the book “Sutamaana Iraichi Urpathi”, 2016 by Agricultural Scientific Tamil Society, New Delhi	Details of courses handled Under graduate B.V.Sc Sl.No Course No Credit Hours 1. LPT 312 Abattoir Practices and Animal Products Technology 1+1 2. LPT 321 Meat Science1+1 Post Graduate M.V.Sc. Sl.No. Course No Course Title Credit Hours 1. LPT 601 Fresh Meat Technology 1+1 2. LPT 602 Meat Processing, Packaging, Quality Control and Marketing 2+1 3. LPT 603 Poultry and Fish Products Technology 2+1 4. LPT 604 Egg and Egg Products Technology 1+1 5. LPT 605 Abattoir and Poultry Processing Plant Practices 1+1 6. LPT 606 Slaughter House By-products Technology 2+1 7. LPT 607 Processing and Marketing of Wool 2+1 8. LPT 611 Biotechnology of Foods of Animal Origin 1+1 Ph. D Sl.No. Course No Course Title Credit Hours 1. LPT 801 Advances in Abattoir Practices and Animal By-products Utilization 2+1 2. LPT 802 Advances in Fresh and Processed Meat Products Technology 3+1 3. LPT 803 Advances In Poultry Products Technology 2+1 4. LPT 806 Biotechnological Techniques and Processes in Animal Products 1+1 5. LPT 805 Advances in quality control of livestock products 2+ 0	Publications (PEER REVIEWED)	61	Increasing strength of PG and PhD students in this discipline is the outcome of effective teaching in UG and PG			

			Research	20	
			Extension	20	

E-modules prepared	Nil				
Research Guidance	M.V.Sc	Ph.d	Others	Projeccts	
Chairman	9	5	3	Completed	Ongoing
Member	16	2	2	<p>As PI : 5 Completed : At MSRS, Pottaneri 1.Studies on haemotologic al and biochemical profile in different physiological stages of Mecheri sheep 2.Performanc e of stall fed sheep and goats under slatted flooring conditions At V.C.&R.I, Namakkal 1. Modif ied Research objective “Developmen t of value added meat products from spent hen”. 2. Revo lving fund scheme on “Wholesome meat production and preparation of value added meat products”. 3. ICAR Scheme on “Pet food processing unit” As Co - PI details : 11 Completed: At MSRS, Pottaneri 1.Establishm ent of model commercial</p>	<p>On-going projects : 6 At Madras Veterinary College 1. All India Coordinated Research Project on “Post-Harvest Technology” funded by Indian Council of Agricultural Research and 25% State share 2. “Setting up of Quality Control / Food Testing Laboratory for meat and meat products” funded by Ministry of Food Processing Industries, Gol, New Delhi 3.Self-financing scheme on “Production and marketing of ready- to- cook and ready- to-eat meat products” funded by TANUVAS. (as Co-coordinator) 4.University Revolving fund scheme on “Food Testing Laboratory for meat and meat products” (as Co-coordinator) 5. Obtaine d a project entitled “Development of rapid multianalyte diagnostic assay using antimicrobial peptides based nanoparticle for detection of food</p>

											broiler farm at Mecheri Sheep Research Station- University sub-project TANUVAS At V.C&R.I, Orathanadu 2.NADP Scheme on “Establishing Nucleus Jersey Cross bred bull- mother farm: Production of superior cross bred bulls for sustainable milk production under rural conditions” (2012-2013)- Rs.230.00 lakhs At Madras Veterinary College 3.Developme nt of Emulsion based meat products utilizing buffalo lean meat and its offals funded by Ministry of Food Processing Industries, GOI and TANUVAS- 17.02.06 to 16.02.09 4.Evaluation of animal by- products like ossein, sinews, bone meal and sludge on broiler performance funded by M/s.Nitta Gelatin India Ltd. (NGIL) Cochin- 682036 5.Income Generation Proposal	borne pathogens”- Rs.27,73,100 from Department of Biotechnology, GoI, New Delhi as Co-Principal Investigator At URF, Madhavaram 6. Revolvin g fund scheme on “Establishment of slaughter unit” at URF, Madhavaram (from 04.03.2015) (4.80 lakhs)	
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											(Revolving Scheme) on “Production and marketing of ready- to-cook and ready- to- eat meat products” funded by Tamil Nadu Veterinary and Animal Sciences University.		
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Dr. R.Ramani	Assistant Professor	Ph.D.	Teaching	10	<ul style="list-style-type: none">❖ Member – TANUVAS Alumni Association❖ Member – TANUVAS Teachers Association❖ Member – MVC Staff club❖ Member – Agricultural Scientific Tamil Society (SciTSA) – 2015❖ Member – Indian Meat Science Association❖ Member – Association of Meat Scientists and Technologists❖ Executive member - Association of Meat Scientists and Technologists	<ol style="list-style-type: none">1. “Best Terminology Award” for the book “Iraichi Sol Agarathi” in First National Tamil Conference of Agricultural Scientific Tamil Society, New Delhi held at Madras Veterinary College, Chennai, on 13th and 14th of June, 2015.2. “Best Book Award” for the book “Sutamaana Iraichi Urpathi”3. “Tamil Peravai of TANUVAS” for the book “Iraichi ariviyal thozhilnutpangal”4. Best Paper Award was awarded for oral presentation in the Second Agricultural Science Tamil National Conference 2016.	Details of courses handled(Course number alone)	<table><tr><td colspan="3">UG</td></tr><tr><td>MST 411</td><td>2+1</td><td>2011</td></tr><tr><td>MST 412</td><td>1+1</td><td>2011</td></tr><tr><td>PST 315</td><td>2+1</td><td>2013</td></tr><tr><td>LPT 312</td><td>1+1</td><td>2013</td></tr><tr><td>LPT 312</td><td>1+1</td><td>2014</td></tr><tr><td>LPT 321</td><td>1+1</td><td>2015</td></tr><tr><td>LPT 312</td><td>1+1</td><td>2015</td></tr><tr><td>LPT 321</td><td>1+1</td><td>2016</td></tr><tr><td>LPT 321</td><td>1+1</td><td>2017</td></tr><tr><td>LPT 312</td><td>1+1</td><td>2018</td></tr><tr><td>LPT 321</td><td>1+1</td><td>2018</td></tr><tr><td>LPT 321</td><td>1+1</td><td>2019</td></tr><tr><td colspan="3">PG</td></tr><tr><td>LPT 607</td><td>2+1</td><td>2016</td></tr><tr><td>LPT 603</td><td>2+1</td><td>2017</td></tr><tr><td>LPT 607</td><td>2+1</td><td>2017</td></tr><tr><td>LPT 601</td><td>1+1</td><td>2018</td></tr><tr><td>LPT 606</td><td>1+1</td><td>2018</td></tr><tr><td>LPT 607</td><td>2+1</td><td>2019</td></tr><tr><td>LPT 601</td><td>1+1</td><td>2019</td></tr><tr><td colspan="3">PG DIPLOMA</td></tr><tr><td>MST 702</td><td colspan="2">2015, 2016 , 2017, 2018, and 2019</td></tr><tr><td colspan="3">IGNOU – Diploma in Meat Technology: BPVI 025 and BPVI 026</td></tr></table>			UG			MST 411	2+1	2011	MST 412	1+1	2011	PST 315	2+1	2013	LPT 312	1+1	2013	LPT 312	1+1	2014	LPT 321	1+1	2015	LPT 312	1+1	2015	LPT 321	1+1	2016	LPT 321	1+1	2017	LPT 312	1+1	2018	LPT 321	1+1	2018	LPT 321	1+1	2019	PG			LPT 607	2+1	2016	LPT 603	2+1	2017	LPT 607	2+1	2017	LPT 601	1+1	2018	LPT 606	1+1	2018	LPT 607	2+1	2019	LPT 601	1+1	2019	PG DIPLOMA			MST 702	2015, 2016 , 2017, 2018, and 2019		IGNOU – Diploma in Meat Technology: BPVI 025 and BPVI 026			Publications (PEER REVIEWED) Mention number and include links of google scholar/Publications/ResearchGate/Web of science etc.	11	<ul style="list-style-type: none">• Students were involved in active learning processes and were motivated to dissipate the knowledge they gained for public utility• The students were motivated to become successful entre -preneurs through entrepreneurial training skills.
			UG																																																																																		
			MST 411	2+1			2011																																																																														
			MST 412	1+1			2011																																																																														
			PST 315	2+1			2013																																																																														
LPT 312	1+1	2013																																																																																			
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E-modules prepared	-																																																																																				
Research Guidance	M.V.Sc	Ph.d	Others	Projects (Number and details)																																																																																	
Chairman	4	-	-	Completed	Ongoing																																																																																
Member	2	-	-	-	<ul style="list-style-type: none">• Co-coordinator in																																																																																

											Self Financing scheme on “Production and marketing of ready to cook and ready to eat meat products” (funding by University-TANUVAS) Scheme	
											<ul style="list-style-type: none">• Co-Principal Investigator of the TNSDC project on “Skill Training in Non-farming based activities in Livestock and Poultry Industries”• Co-Principal Investigator of project on ” Establishmen t of Carcass Utilization Plant” funded by GOI• Sub project on “Molecular detection of adulteration in mutton biriyani from different outlets of Chennai” funded by TANUVAS.	
Dr.A.VANATHI	Assistant Professor	M.V.Sc	Teaching	2 Years and 8 months	Life membership in Association of Meat Scientists and Technology Life Member in Indian Meat Science Association Life Member in Kalnadai kathir Life Member - Agricultural Scientific Tamil Society Life member in Tamil Society for Veterinary	-	Details of courses handled(Co course number alone)	LPT – 312 (1+1) Practical	Publications (PEER REVIEWED) Mention number and include links of google scholar/Publications/ResearchGate/Web of science etc.	3 Nos https://www.researchgate.net/publication/317747066_Microbial_analysis_of_ice_cream_incorporated_with_encapsulated_flavor http://www.chemicaljournal.com/archives/2018/vol6issue4/PartAS/6-4-374-478 https://jebsharidar.org/instrumental-colour-	-	
			Research	1 Year			E-modules prepared	Mobile App for the course LPT 312 and 321 on allotted topics				

					Science Life member of Tamil Nadu veterinary and Animal Sciences University Teachers Association Member in Tamil Nadu State veterinary council					analysis-of-chicken-meat-stored-in-bio-degradable-packaging/ 1 No – Accepted status (Article ID – 1497 ARCC Journal)			
			Extension	-			Research Guidance	M.V. Sc -	Ph.d -	Others -		Projects (Number and details)	
							Chairman	-	-	-		Completed	Ongoing
							Member	-	-	-			1 no – TANUVAS funded sub project on “A surveillance on the effect of different types of cooking on the quality of chicken meat products in different outlets of Chennai”
C.Vasanthi	Assistant Professor	M.V.Sc	Teaching	8	1. Member of Board of Studies of the Faculty of Food Science- with effect from 09.01.2017 2. Life Member in Association of Meat Scientists and Technologist. 3. Life Member in Indian Meat Science Association.	1. Best Book Award- First for the year 2016 was awarded by Agricultural Scientific Tamil Society, New Delhi during the Second National Tamil Conference for the book- Sutamaana Iraichi Urpathi. 2. Best Terminology Award- for the year 2015 was awarded by Agricultural Scientific Tamil Society, New Delhi during the First National Tamil Conference for the book “Iraichi Arriviyal Sol Agaradhi”- Tamil Dictionary on Meat Science.	Details of courses handled	1. LPT 321 (2+1)- Abattoir Practices and Animal By- products Technology- 2008-09 Separate Semester Batch 2. LPT 411 (1+1)- Meat and Meat Products Technology (including Poultry Products Technology) - 2008-09 Separate Semester Batch 3. FST 215 (2+1)- Abattoir Practices and Fresh Meat Technology- 2012-13 Batch 4. LPT 312 Abattoir Practices and Products Technology (Practical)- 2013-14 batch 5. LPT 312 (1+1)- Abattoir Practices and Products Technology (Practical)- 2014- 15-“ B” batch- Practicals. 6. Internship Training programme- Handling classes for internees of MVC, VC&RI Namakkal, VC&RI Orthanadu and VC&RI Tirunelveli every year 7. PG Diploma- Handling course allotted every year	Publications (PEER REVIEWED)	22	Conducted Group discussions about topics and conducted spot exams, quiz for students to motivate them learning the subject.		
Research	8	E-modules prepared	Nil										
			Extension	8					Research Guidance	M.V.Sc		Ph.d	Others

							Chairman	0	0	0	Completed	Ongoing	
							Member	0	0	0	Nil	Nil	

Name of the department : LPT (Poultry Science)

Dr.A.Ashok	Professor	Ph.D.	Teaching	9	Indian Poultry Science Association	2010 - M/s Venkys India Pvt Ltd Gold medal, TANUVAS. Best Ph.D. thesis with Poultry as main field of research Certificate of appreciation in recognition of the work in developing the technology "Nandanam Broiler Breeder Quail" from TANUVAS	Details of courses handled	B.V.Sc. & A.H 2018-19 batch 1.Livestock production management 4 + 2 Theory • Unit-6 (Poultry production management) • Unit-7 (Diversified poultry production and hatchery management) 2019-20 batch 2.Livestock production management Practical • Unit-5 (Poultry production management) • Unit-6 (Incubation and hatchery management) M.V.Sc Poultry Science 2019-20 batch 3.PSC 607 Poultry Products technology and Marketing 2 +1 Ph.D. Poultry science 2018-19 batch 4.PSC 806 Poultry Economics Integration and marketing 2 + 1 2019-20 batch 5.PSC 802 Concepts in commercial poultry operations 2 + 1			Publications (PEER REVIEWED)	https://scholar.google.com/citations?hl=en&user=2HnD7G8AAAAJ	Courses handled B.Tech FT -1 course B.Tech PT - 12 B.V.Sc. & AH - 5 M.V.Sc Poultry Science - 1 Ph.D. Poultry Science - 2 ETP B.V.Sc. & AH - 1
			E-modules prepared	NA									
			Research	9			Research Guidance	M.V.Sc	Ph.d	Others	Projeccts		
			Extension	4			Chairman	1	0	0	Completed	Ongoing	
							Member	0	0	0	1.Poverty Alleviation through scientific Turkey farming in selected rural areas of Kancheepura m District of	NA	

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											Rs. 203.57 ICAR 6."TANUVAS SMART mineral mixture centre" at College of Poultry Production and Management, Hosur. Co - Principal Investigator Rs.3. 00 lakhs. TAN UVAS		
Dr.K.SANGILI MADAN	PROFESSOR	Ph.D.	Teaching	21	* Veterinary Council of Tamil Nadu Registered Member * Life Member of Indian Poultry Science Association *Annual Member of World Poultry Science Association * PG Diploma in Computer Application (PGDCA)	*Kerala Agriculture University –Merit scholarship * A.V.Omprakash, D.Thyagarajan, M.Babu , D.Balasubramanya m, V.Jeichitra and K.Sangilimadan .Nandanam Chicken-4 – Technology release- certificate of appreciation- TANUVAS-2013 * A.V.Omprakash, R.Rajendran, K.Sangilimadan, P.Kanagaraju, K.premavalli and N.Karthikeyan- Nandanam Broiler 3 – Technology release-certificate of appreciation – TANUVAS-2017. * K.Sangilimadan. Influence of egg shell colour on hatchability performance of Namakkal chicken. FIRST PRIZE for best Poster presentation. IPSACON 2015- 19th to 21st November, 2015 at CASM, Thiruvazhamkunnu , Palakkad. * K. Sangilimadan. Effect of egg shell mottling on hatching performance of Namakkal Quail-I.	Details of courses handled	UG- COURSES * LPM 322 Avian Breeding, Feeding and Management (3+1)- Practical C - Batch, (B.V.Sc&A.H)-2004-2005 batch, Department of PSC, MVC, TANUVAS- 2007 *LPM 322 Avian Breeding, Feeding and Management (3+1)- Practical C - Batch, (B.V.Sc&A.H)-2006-2006 batch, Department of PSC, MVC- TANUVAS- 2008 *LPM 322 Avian Breeding, Feeding and Management (3+1)- Practical C - Batch, (B.V.Sc&A.H)-2008-2009 batch, Department of PSC, MVC- TANUVAS- 2010 *PPT 223 Poultry Products Processing Technology (2+1) - Institute of Food and Dairy Technology, Koduvalli- 2009,TANUVAS *PPT 223 Poultry Products Processing Technology (2+1) - Institute of Food and Dairy Technology, Koduvalli- 2010,TANUVAS *PPT 314 Egg Products Processing Technology (2+1) - Institute of Food and Dairy Technology, Koduvalli- 2011,TANUVAS *Compulsory non-credit course (Co-advisor)- Production system study circle(0+1)-2010, Department of LPM, MVC, TANUVAS-Chennai-7 * LPM -211 Avian Production Management (1+1) 2012-13 - A- Batch- Practical- VCRI, Orathanadu-TANUVAS-2013 *LFP-211- Livestock Farm Practice (Non- Credit) Practical (0+1)-VCRI, Orathanadu- TANUVAS,2013 * LPM 221-Commercial Poultry	Publications (PEER REVIEWED)	55	* Effective teaching and practical important points to rearing different type of poultry species during the internship Training programme of B.V.Sc &AH students of various colleges under TANUVAS, and other college-Loyola like students. *I was involved and worked as 4 years for Development of Nandanam Chicken-4, PRS, (2008- 2012)TANUVAS,MMC,Chennai-51 *I was involved and worked as one year for Development of Aseel-Nandanm Chicken , PRS(2015-16) TANUVAS,MMC,Chennai-51 * Development of Green fodder production from uncultivated land to cultivation of western garden, VCRI, Orathanadu, TANUVAS from 2013-2015		

						<p>SECOND PRIZE for best Poster presentation. IPSACON 2015- 19th to 21st November, 2015 at CASM, Thiruvazhamkunnu , Palakkad.</p>	<p>Production and Hatchery Management (1+1)2012-13 - Batch – Theory- VCRI, Orathanadu-TANUVAS-2013 *LPM -222- Livestock Production Management- III (Regional Interest) -(1+1) 2012- 13 - Batch -Practical-VCRI, Orathanadu-TANUVAS-2013 *LPM -211-Avian Production Management (A &B Batch) Practical (1+1) -2013-14 Batch, VCRI, Orathanadu- TANUVAS,2014 *LPM-221-Commercial Poultry production and Hatchery Management (1+1)-2013-14 (A&B Batch) Practical -VCRI, Orathanadu-TANUVAS,2015 2014 *LPM-222-Livestock Production Management- III (Regional Interest)(1+1) Theory-2013-14 Batch, VCRI, Orathanadu- TANUVAS,2014 *LPM -211- Avian Production Management Practical (1+1) - 2014-15 Batch, VCRI, Orathanadu-TANUVAS,2015 (Up to 30.11.2015) *LPM -211-Avian Production Management (A &B Batch) Theory (1+1) -2015-16 Batch, VCRI, Tirunelveli - TANUVAS,2016 *LPM-221-Commercial Poultry production and Hatchery Management (1+1)-2015-16 (A&B Batch) Practical -VCRI, Tirunelveli -TANUVAS,2016 *LPM-222-Livestock Production Management- III (Regional Interest)(1+1) Theory-2015-16 Batch, VCRI, Tirunelveli - TANUVAS,2016 LPM -211-Avian Production Management (A &B Batch) Theory (1+1) -2016-17 Batch, VCRI, Tirunelveli - TANUVAS,2017 *LPM-221-Commercial Poultry production and Hatchery Management (1+1)-2016-17 (A&B Batch) Practical -VCRI, Tirunelveli -TANUVAS,2017 *LPM-222-Livestock Production Management- III (Regional Interest)(1+1) Theory-2016-17 Batch, VCRI, Tirunelveli - TANUVAS,2017 * LPM - New VCI, Syllabus - UNIT- VI&VII-2019-20 (B.V.Sc&AH) Course -Theory- 2020 PG & Ph.D. Course *PSC-604- Commercial Poultry Production (2+1)- 2018-19</p>			
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S.T.Selvan	Professor and Head	Ph.D.	Teaching	4	* Life member of Indian Poultry Science Association * Annual Member of World Poultry Science Association * Life member of Tamil Nadu veterinary Council * Life member of Indian veterinary Council	* Recipient of Best Outgoing B.V.Sc student * Recipient of TANUVAS Merit Scholarship for M.V.Sc degree * Recipient of CSIR Fellowship for Ph.D. degree * Recipient of Fellowship of FAO for Overseas Training program	Details of courses handled	1. PSC 601 Poultry Breeding and Parent Stock Management 2. PSC 805 Advanced Poultry Breeding Methods (Ph.D.) 3. PGS 603 Intellectual Property and its Management in Agriculture (Ph.D.) 4. PGS 603 Intellectual Property and its Management in Agriculture (MVSc) 5. PSC 606 Management of Diversified Poultry other than chicken (M.V.Sc)			Publications (PEER REVIEWED)	18	1. Prepared live models of Integration for teaching purpose 2. use of multimedia for effective student's teaching
			E-modules prepared	1. Diversified Poultry Production 2. Commercial Poultry Production and management									
			Extension	2			Research Guidance	M.V.Sc	Ph.d	Others	Projeccts		
							Chairman	6	2		Completed	Ongoing	
							Member	11	4		1. Women Empowerment through Homestead Turkey Farming By Self Help Group in Theni District of Tamil Nadu 2. Efficacy of toxin binders against aflatoxin, ochratoxin and citrinin in broiler feeding 3.Evolving optimum management practices and nutritional requirements of turkeys. 4. Establishmen t of Ostrich Research Unit	1. ICAR – Scheme entitled “Experiential Learning - Module:III Broiler Production in environmentally controlled house and post-harvest technology 2. NADP scheme on ‘Establishment of Rural Poultry Inputs and Skill Development Centre’	
P. VEERAMANI	ASSOCIATE PROFESSOR	Ph.D.	Teaching	22	LIFE MEMBER INDIAN POULTRY SCIENCE ASSOCIATION LIFE MEMBER INDIAN VETERINARY ASSOCIATION LIFE MEMBER SOCIETY FOR CONSERVATIO	SKM Animal Feeds and Foods (India) Ltd. Gold Medal for the best M.V.Sc., student in Avian studies during 1996 SKM Animal Feeds and Foods (India) Ltd. Gold Medal for the best Ph.D. student in avian studies during 2013	Details of courses handled	LPM211: Avian Production Management(1+1) LPM 221: Commercial Poultry Production and Hatchery Management (2+1) LPM 222-DIVERSIFIED POULTRY PRODUCTION AND CURRENT CONCEPTS IN POULTRY MANAGEMENT AND MARKETING (1+1) PSC 801- Applied Poultry Nutrition (2+1)			Publications (PEER REVIEWED)	37	

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Name of the department : Veterinary Microbiology

Name of faculty	Designation of the faculty	Highest Qualification	Related work experience in field (in years)		Membership in professional bodies, certified courses, fellowship, diplomates in specialized boards (details)	Honours and awards	Continuous documented excellence in teaching		Other demonstrated competencies (publications, projects handled)		Achievements – effective teaching and learning outcomes (write salient achievement only as bullet points)
G. ELAIYARAJA	ASSISTANT PROFESSOR	Ph.D.	Teaching	2	<input type="checkbox"/> Life Member in “The Indian society for Veterinary Immunology and Biotechnology” (ISVIB). <input type="checkbox"/> Life Member in “Indian Association for Veterinary Microbiologists, Immunologists and Specialists in Infectious diseases” (IAVMI). <input type="checkbox"/> Life Member in “Indian Association for the	<input type="checkbox"/> Represented by Government boys higher secondary school in thuleer vinadi vina potty in 1998. <input type="checkbox"/> Won third prize in National Science day Exhibition competition held on 17/03/2008. <input type="checkbox"/> Won first prize in National Science day Exhibition competition held on 05/03/2009. <input type="checkbox"/> Qualified National Eligibility Test held on 27th	Details of courses handled	VMC - 211 PRACTICAL COURSE FOR AB & CD BATCH OF 2016-17 BATCH VMC - 221 PRACTICAL COURSE FOR AB & CD BATCH OF 2016-17 BATCH VMC - MSVE 2016 PATTERN - UNIT -I PRACTICAL AND UNIT- II THEORY AND PRACTICAL FOR II BVSC & AH OF 2017-18 BATCH VMC - 311 THEORY & PRACTICAL COURSE FOR AB BATCH OF 2016-17 BATCH VCM - 211 THEORY & PRACTICAL COURSE FOR SSA BATCH OF 2016-17 VMC - 321 THEORY & PRACTICAL COURSE FOR AB BATCH OF 2016-17 BATCH VMC - MSVE 2016 PATTERN -	Publications (PEER REVIEWED)	https://www.researchgate.net/publication/305638837_Effect_of_Aloe_vera_gel_extract_on_the_haematological_parameters_in_white_leghorn_chicks_vaccinated_against_infectious_bursal_disease_virus https://www.researchgate.net/publication/269695369_Synergy_of_Lipopolysaccharide_and_resiquimod_on_type_I_interferonpro-	1. Associated in Oral Pellet Vaccine production and supply till August 2018 and produced around 65000 doses of vaccine 2. Associated in PPR vaccine production and produced 25000 doses 3. Associated in Monthly and Annual technical report preparation 4. Acted as Examiner for various Internal and External examination held at TANUVAS and other Institution. 5. Associated in NCC Activities and working as Associated NCC Officer in Madras Veterinary College, Chennai.

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						in Guinea pigs” in the field of Veterinary Immunology and Biotechnology in the year 2015.							
A.ELAMURUGAN	Assistant Professor	Ph.D.	Teaching	0.5	Indian Association for the Advancement of Veterinary Research (IAAVR) Indian Association of Veterinary Microbiologists, Immunologists and Specialists in Infectious Diseases (IAVMI) Indian Society for Veterinary Immunology and Biotechnology (ISVIB) Kalnadai ariviyil thamil iyakkam, Tamil Nadu		Details of courses handled	VMC-311 (Systemic Veterinary Bacteriology and Mycology) VMC-211 (General Microbiology) II Professional Year - Unit - V (General and Systematic Veterinary Virology)			Publications (PEER REVIEWED)	2 (https://onlinelibrary.wiley.com/doi/full/10.1111/1348-0421.12350 https://journals.plosone/article?id=10.1371/journal.pone.0144397)	
			E-modules prepared										
			Research Guidance	M.V.Sc			Ph.d	Others	Projeccts				
			Chairman	0			0	0	Completed	Ongoing			
			Member	0			0	0		1. Antimicrobial Resistance Profiling of Bovine Subclinical/Clinical mastitis causing bacteria in Chennai district			
S. RAJALAKSHMI @ RADABAI	ASSISTANT PROFESSOR	Ph.D.	Teaching	6.5	- Life member of Rajiv Gandhi college of Veterinary and Animal Sciences & RIVER Alumni Association, Puducherry - Life member of Indian Society for Veterinary Immunology and Biotechnology - Life member of Indian Association of Veterinary Microbiologists, Immunologists and Specialists in Infectious diseases	NIL	Details of courses handled	UG 1. VMC 211 : General Veterinary Microbiology -Practicals 2. VMC 221 : Veterinary Immunology and Serology - Practical 3. VMC 311 : Systematic Veterinary Bacteriology and Mycology- Theory & Practical 4. VMC 321 : Systematic Veterinary Virology- Theory & Practical 5. VLD 421 : Veterinary Microbiology components- Practical 6. VPP 322 : Aquatic animal diseases, health care and management (VMC component) - Theory 7. VMC(MSVE): Microbial biotechnology PG 1. VMC 604 :General Veterinary Virology 2. VMC 605 : Systematic Veterinary Virology PhD 1.Immunotechnology			Publications (PEER REVIEWED)	13 1.Cytokine response to killed Staphylococcus pseudintermedius antigen in dogs with skin diseases. HS Varughese, MA Chitra, R Rajasekaran, S Rajalakshmi, GD Raj. Indian Journal of Animal Research 53 (11) 2. Molecular detection of integrated reticuloendothelial virus genes in fowlpox virus field isolates and live vaccines of poultry. R Rajasekaran, JJ Kirubaharan, S Rajalakshmi, M Vidhya. Indian Journal of Animal Sciences 89 (4), 377-380 3. Phylogenetic	Developed a video module for understanding the difficult concepts in Immunology for the UG students
			Research	18			E-modules prepared	1. Video module for the most important 5 Chapters in veterinary Immunology and Serology Unit (MSVE syllabus)-theory aspect, in the existing					

									TANUVAS VETMICRO App, IDG-funded		Analysis of 4b Core Protein Gene of Fowlpox Virus Field Isolates and Commercial Vaccines of Indian Origin. R Rajasekaran, JJ Kirubaharan, S Rajalakshmi, M Vidhya. Indian Vet. J 96 (03), 34-36 4. Phylogenetic Analysis of 4b Core Protein Gene of Fowlpox Virus Field Isolates and Commercial Vaccines of Indian Origin. R Rajasekaran, JJ Kirubaharan, S Rajalakshmi, M Vidhya. Indian Vet. J 96 (03), 34-36 5. A novel site-II directed glycoprotein estimation ELISA to aid rabies vaccine manufacture for veterinary and human use. G Abhinay, S Dessain, A Srikanth, RL Senthilkumar, P Vidyasagar, ...Vaccine 32 (2), 209-213			
			Extension	1					Research Guidance	M.V.Sc	Ph.d	Others	Projeccts	
									Chairman	0	0	6	Completed	Ongoing
									Member	4			0	1. Development and Standardization of a Novel DIVA (marker) Vaccine against Newcastle Disease to Augment Production from Poultry - funded by TANII 2. Large scale controlled field trial with combined

											inactivated vaccine against Newcastle disease and Avian Infectious bronchitis - funded by SEPPIC					
B.Samuel Masilamoni ronald	Professor	Ph.D.	Teaching	10	Tamil Nadu Veterinary Council International Association on Paratuberculosis Indian Association of Veterinary Microbiologists, Immunologists and Specialists in Infectious Diseases	RK Balasubramaniam Best Outgoing student in BVSc Dr.Randhavas prize medal for best thesis in MVSc Veterinary Microbiology Dr.Richard Masilamony Award for Best Student in Veterinary Microbiology Perumal Naidu gold medal award for Best Student in Veterinary Microbiology Helping Hand award from International Association on Paratuberculosis, Sydney, Australia Ligard memorial award for Development of Johnes disease vaccine	Details of courses handled	Fundamentals of Microbiology Veterinary Bacteriology Veterinary Mycology Vaccinology Molecular Immunology Advances in Bacteriology Bacteriology II Veterinary Immunology			Publications (PEER REVIEWED)	45	Establishing Learning Assessment Centre Establishment of Soft skill Lab Introduction of Interactive smart board for interactive learning Establishment of smart class in MVC			
			E-modules prepared	Nil												
			Research	10												
			Extension	2												
A.Srithar	Professor	Ph.D	Teaching	25	*Member ISVM, *Member ISVIB, *Member Tamil Nadu Veterinary council,* Member IAAVR, *Member , Indian science congress * Member IPSA, * Member ISVEP, *Member ,ISSAR	*Richard masillmony award for Microbiology	Details of courses handled	Undergraduate , Post graduate (MVSc and Ph.D.)			Publications (PEER REVIEWED)	20	Nil			
			E-modules prepared	Nil												
			Research	8												
			Extension	10												
Dr.A.Thangavel u	Professor and Head	Ph.D.	Teaching	30	Tamil Nadu Veterinary Council Indian Society for Veterinary Immunology and Biotechnology Indian Society for Veterinary Epidemiology and Preventive	TANSA Award (1993-94) SKM Gold Medal for Best Ph.D. thesis in Avian studies (1997) Certificate of Appreciation from TANUVAS for PPR vaccine development (2003	Details of courses handled	Veterinary Microbiology courses for UG, PG and Ph.D. students			Publications (PEER REVIEWED)	70	Developed e-content for VMC 211 General Veterinary Microbiology course. Developed inactivated vaccine and diagnostic tests for Infectious bursal disease Developed live attenuated PPRV vaccine for PPR Developed Real time PCR assays for PPR diagnosis Whole genome of a recent PPRV isolate was sequenced and submitted to Gen Bank. It is the first PPRV whole genome sequence from			
			E-modules prepared	e- content for VMC 211 General Veterinary Microbiology course												
			Research	30												
			Extension	0												

					Medicine Indian Association of Veterinary Microbiologists, Immunologists and Specialists in infectious diseases	and 2006) Certificate of Appreciation from TANUVAS for Development single serum ELISA kit for ND and IB antibodies (2006) Certificate of Appreciation from Nodal officer, ASCAD Training Programme and Dean, MVC for Resource person (2006) Certificate of Appreciation from TANUVAS for Developing e- content for VMC 211 course (2012) Certificate of Appreciation from TANUVAS for Development of Biofilm vaccine for haemorrhagic septicaemia (2013) Dr.A.T.Venugopala n Gold medal for best faculty in Veterinary Microbiology(2017)	Member	10	4	0	NADP project on "Novel diagnostics and vaccine delivery system for emerging and economically important bacterial and viral diseases affecting small ruminants (component 1 and 2) I" (PI) NADP project on "Novel diagnostics and vaccine delivery system for emerging and economically important bacterial and viral diseases affecting small ruminants (component 1 and 2) II" (PI) ICAR project on "Evaluation of inactivated oil emulsion vaccine of IBDV of tissue culture origin under laboratory and field conditions" (PI) NPPE project on "Developmen t of homologous vaccine against peste des petits ruminants virus" (CoPI) ICAR -NATP project on "Veterinary diagnostics for prevalent and emerging diseases" (CoPI) ICAR -NATP project on "Developmen		our state.
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											t of thermostable vero cell adapted PPRV vaccine" (CoPI) CZA project on "Strengthenin g of Madras Veterinary College as a nodal centre of wildlife health and disease diagnosis" (CoPI) DBT-BBSRC project on "Understandi ng the Immune Mechanism of Host Disease and Development of Marker Vaccines and DIVA Test for Peste Des Petits Ruminants" (CoPI) ICAR project on All India Network Programme on Haemorrhagi c septicaemia (CoPI)		
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M.Vidhya	Assistant Professor	Ph.D.	Teaching	12	1. Member - Tamil Nadu state Veterinary Council. 2.Life member ISVIB 3.Life member IAVMI 4.Life member IMSACON 5.FELASA accredited certificate course in Laboratory Animal Science	1.TANUVAS, Dr.M.S.Randawa 's medal for the best M.V.Sc student in the subject of Veterinary Microbiology (2005) 2.TANUVAS, Dr.R.Eswaran memorial prize for the best M.V.Sc student in the subject of Veterinary Microbiology passing out with highest OGPA in the year (2005) 3.Dr.P.Richard Masillamony medal for the best Ph.D. student in the subject of Veterinary Microbiology in the year 2016 2.Sri Perumal Naidu Medal for the best Ph.D. student in the subject of Veterinary Microbiology the year 2016 3.Certificate of Appreciation for TANUVAS pet treat (2013)	Details of courses handled	UG Courses 1.VMC211- General Veterinary Microbiology 2.VMC221- Veterinary Immunology and Serology 3.VMC321- Systematic Veterinary Virology 4.Veterinary Microbiology, UNIT-II Microbial Biotechnology, UNIT IV Veterinary Immunology, UNIT V Veterinary Virology PG Courses VMC 601 - Bacteriology I VMC 606 - Diagnostics of Infectious Diseases	Publications (PEER REVIEWED)	1. https://link.springer.com/article/10.1007/s11250-009-9519-0 2. https://krishikosh.egranth.ac.in/handle/1/72015 3. http://www.indianjournals.com/ijor.aspx?target=ijor:ijar1&volume=53&issue=4&article=018 4. http://www.tanuvvas.ac.in/ijvasr/vol43(5)/386-387.pdf 5. https://www.cabdirect.org/cabdirect/abstract/20153025637 6. https://www.researchgate.net/profile/Ranjani_Rajasekaran/publication/332705371_Molecular_detection_of_integrated_reticuloendothelial_virus_genes_in_fowlpox_virus_field_isolates_and_live_vaccines_of_poultry/links/5cc48e74a6fdcc1d49b4685d/Molecular-detection-of-integrated-reticuloendothelial-virus-genes-in-fowlpox-virus-field-isolates-and-live-vaccines-of-poultry.pdf 7. https://www.researchgate.net/profile/Ranjani_Rajasekaran/publication/332705382_Phylogenetic_Analysis_of_4b_Core_Protein_Gene_of_Fowlpox_Virus_Field_Isolates_and_Commercial_Vaccines_of_Indian-Origin/links/5cc490e6a6fdcc1d49b468d5/Phylogenetic-Analysis-of-4b-Core-Protein-Gene-of-Fowlpox-Virus-Field-Isolates-	1. PPT of lectures with quiz on each topics
			Research	12			E-modules prepared				

[illegible]

Name of the department : Animal Bio-Technology

Name of faculty	Designation of the faculty	Highest Qualification	Related work experience in field (in years)		Membership in professional bodies, certified courses, fellowship, diplomates in specialized boards (details)	Honours and awards	Continuous documented excellence in teaching		Other demonstrated competencies (publications, projects handled)		Achievements – effective teaching and learning outcomes (write salient achievement only as bullet points)
Dr.A.MangalaG	Professor	Ph.D.	Teaching	24			Details of	20	Publications	54	a) Under graduate Animal

owri				six	five	courses handled				(PEER REVIEWED)		Biotechnology course (UG) Teaching b) PG Teaching (M. Phil., M. V. Sc and Ph. D) c) Teaching aids for ug and pg teaching
	Research	24	E-modules prepared			two						
	Extension	4	Research Guidance			M.V.Sc	Ph.d	Others	Projeccts			
	Chairman	2	1			5	Completed	Ongoing				
						Member	12	7	4	Mesenchyma l Stem cell therapy on induced mice skin and burn wounds Foldscopes as user-friendly demonstration tool on bone marrow stem cell model for life science students / trainees" Application of mesenchyma l stem cells for in vitro anticancer drug screening Molecular diagnosis for emerging avian viral diseases and their immuno-pathogenesis Adoption of lab tested culinary herbs in desi birds and assessment of its cellular responses Wealth of health through utilization of collagen by products from meat and poultry waste	Molecular characterization of developed novel Platelet Lyophilized products and exploration of possible therapeutic applications of Progenitor Stem Cells for thrombocytopenic canines and humans'	

Name of the department : Stem Cell

SABIHA HAYATH BASHA	PROFESSOR AND HEAD	Ph.D.	Teaching	25	*TAMILNADU VETERINARY COUNCIL *INDIAN ASSOCIATION OF VETERINARY ANATOMIST *INDIAN VETERINARY ASSOCIATION	University : *Certificate of appreciation for CD Rom preparation on "Dissection of Ox" and " e-atlas on Histology" State : *Rao Bahadur Dr.R.Swaminathan Iyer medal in Animal Genetics and Breeding. *Dr. C.K. Velayutham Nair Memorial in Pharmacology. *Sri. S. Lakhminarayanan Memorial prize in Pathology. *S.K.M Animal Feed and Foods in Veterinary Science *Dr.G.Venkatachala m medal in Animal Nutrition *Dr.O.P.Gautam medal in Animal Health *TANUVAS Alumni Association medal *Sri Dorabji Tata prize in Veterinary Sciences *Sri.M.Kullamma Naicker of Naikaranpatti Estate prize in Veterinary Science *Koodalai Kammaran Nambiyar Memorial medal in Physiology *M.R.V.Panickaran Memorial medal in all courses of B.V.Sc *Cash prize from Alved Pharma Ltd, VGP Associates and Muslim graduate Association *Puratchi Thalaivi Dr.J.Jayalalithaa endowment award in MVSc, Veterinary Science. *Dr.Kalaignar.M.Kar	Details of courses handled	UG,PG AND PhD COURSES IN VETERINARY ANATOMY			Publications (PEER REVIEWED)	85	*IMPROVING DISSECTION SKILLS *VIRTUAL LEARNING SKILLS *PREPARATION OF POWERPOINTS-CASE STUDY PRESENTATIONS IN CLINICAL ANATOMY
			Research	25			E-modules prepared	DISSECTION OF OX,E-ATLAS OF HISTOLOGY AND EMBRYOLOGY,E-COURSE ON van 121-GROSS ANATOMY-II					
			Extension	25			Research Guidance	M.V.Sc	Ph.d	Others	Projeccts		
							Chairman	7	1	0	Completed	Ongoing	
							Member	8	3	1	MVSC- 8,PHD-2	0	

						<p>unanidhi award in MVSc Anatomy. *Dr.A.L.Mudaliar prize award in MVSc , Veterinary Science. *TANUVAS Alumni Association medal National :</p> <p>*Young Scientist award - XVII IAVA convention, Mumbai, 2002. *Best paper award for oral presentations at National Symposia-2000,2006,2009&2015</p>							
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Name of the department : Veterinary Anatomy						Institution: MVC - Chennai							
Name of faculty	Designation of the faculty	Highest Qualification	Related work experience in field (in years)		Membership in professional bodies, certified courses, fellowship, diplomates in specialized boards (details)	Honours and awards	Continuous documented excellence in teaching			Other demonstrated competencies (publications, projects handled)		Achievements – effective teaching and learning outcomes (write salient achievement only as bullet points)	
Dr.Geetha Ramesh	Professor and Head	Ph.D.	Teaching	30	* Indian Association of Veterinary Anatomists * Tamil Nadu State Veterinary Council	International • Fellowship awarded by Food and Agriculture Organization of United Nations to undergo three months training in developmental anatomy. Society • Best paper award to paper entitled “Effect of various preservatives in the Preservation of skeletal muscle” authored by Geetha Ramesh, S.Sivagnanam and T.A.Kannan at the National symposium held at College of Veterinary Science, Anand, Gujarat during 23rd to 25th December 2003. • Awarded as “Fellow IAVA” by Indian Association of Veterinary	Details of courses handled	All undergraduate courses, M.V.Sc and Ph.D. courses			Publications (PEER REVIEWED)	167	Prepared • Interactive CD-Rom on “Regional Dissection of Ox” • Interactive CD-Rom on “e-Atlas on Histology” • Content developer developing e-contents for the course “Veterinary Histology and Embryology” for the ‘elearnvet’ developed by TANUVAS • Interactive CD-Rom on “Virtual Dissection of calf” (Developed in the Dept. of Anatomy, MVC) • Text book on Veterinary Gross Anatomy • Text Book on Veterinary Gross Anatomy-III (Tamil) • Text Book on Veterinary Gross Anatomy-II (Tamil) • Text Book on Veterinary Gross Anatomy-I (Tamil) • Practical manual of Applied anatomy • Practical manual on Myology, Angiology, • Neurology, Arthrology and Aesthesiology • Lecture notes on Veterinary Embryology • Lecture notes on Veterinary Anatomy-Splanchnology and Applied Anatomy • Lecture notes on Veterinary Anatomy - Myology, Angiology, • Neurology and Aesthesiology
			E-modules prepared	• Interactive CD-Rom on “Regional Dissection of Ox” • Interactive CD-Rom on “e-Atlas on Histology” • Content developer developing e-contents for the course “Veterinary Histology and Embryology” for the ‘elearnvet’ developed by TANUVAS • Interactive CD-Rom on “Virtual Dissection of calf” (Developed in the Dept. of Anatomy, MVC)									
			Research Guidance	M.V.Sc			Ph.d	Others	Projeccts				
			Chairman	12			9	0	Completed	Ongoing			
			Member	12			13	3	Nil	Nil			

						<p>Anatomists in the year 2006</p> <ul style="list-style-type: none">• Dr.V.R.Bha mburkar IAVA Silver jubilee award for Veterinary Anatomists of the year 2011• Second prize in the poster session for the paper entitled “ The gross and histological study of the female reproductive tract of leopard (<i>Panthera pardus</i>)” authored by Boon alwin, P.A.Kalaighnan,M.G. Jayathankaraj, Geetha Ramesh, T.A. Kannan, S.Balasubramanian , U.S.Kalyan and R.Gnanadevi in the international symposium on current challenges and translational research to augment animal reproduction held in MVC during December 2014• Dr.C.Vijayar agavan Memorial silver jubilee Medal and award for “Best paper in Developmental Anatomy” for the paper entitled Histological study of APUD cells during prenatal and postnatal age groups of sheep authored by Archana Mahapatra, V.Beulah, R.Gnanadevi, Sabiha Hayath Basha and Geetha Ramesh 2015 University• Certificate of appreciation in recognition of development of Technology CDs on “Dissection of Ox” and “Atlas on							<ul style="list-style-type: none">• Lecture notes on Histology and Embryology
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						Histology” in 2006 received from TANUVAS, Chennai • Certificate of appreciation received from TANUVAS for successful conduct of the Science Exhibition in commemoration of World Veterinary year 2011 at Madras Veterinary College • Certificate of appreciation awarded for the contributions in developing e-contents for the course Veterinary Histology and Embryology by TANUVAS • “Dr.K.P.C. Nair cash award” for the Best Teacher during the year 2013 • Certificate of Commemoration for the unblemished service- 25 years – 2015							
R.Gnanadevi	Assistant Professor	M.V.Sc	Teaching	2	• Life Member – Veterinary Council of India (VCI) • Life Member - Indian Association of Veterinary Anatomists (IAVA) • Life Member - Kalnadai Ariviyal Tamil Ilakkiyam (KATI) * PG Diploma in Regenerative Medicine in TANUVAS		Details of courses handled	UG: * Veterinary Anatomy (4+3) as per new VCI syllabus			Publications (PEER REVIEWED)		* Involved in the preparation of Mobile App on Anatomy of Eye ball - Buffalo
			E-modules prepared										
			Extension	0			Research Guidance	M.V.Sc	Ph.d	Others	Projeccts		
							Chairman	0	0	0	Completed	Ongoing	
							Member	0	0	0	0	* Microanatomical studies on Kidneys of the post-natal female guinea pig - TANUVAS Corpus fund	

T.A.KANNAN	Professor	Ph.D.	Teaching	20	<ul style="list-style-type: none">Life Member – Veterinary Council of India (VCI)Life Member - Indian Association of Veterinary Anatomists (IAVA)Life Member - All India Meat Scientist's Association	<ul style="list-style-type: none">Awarded “Gold Medal and Award” for securing highest OGPA in M.V.Sc. (Anatomy) degree course in 1996.Awarded “Best Poster Presentation Award” by Indian Association of Veterinary Anatomist” in the year 2003.Awarded “Certificate of Appreciation” in recognition of the work done in the Development of Interactive CD-Roms in the field of Veterinary Anatomy and Histology for the First time in India in 2006.Awarded “Best Paper Award” by Indian Association of Veterinary Anatomist” in the year 2007.Awarded “Dr.Mohan Bhattacharya Silver Jubilee Medal and Award” for the best paper in the field of Histology, Histochemistry and Electron microscopy in 2010.Awarded “Dr.K.L.Suri Award and Gold Plated Silver Medal” by the Indian Association of Veterinary Anatomist” in the year 2010.Awarded Late Dr. Rajeswar Rao Memorial Award and Medal for the best poster by the Indian Association of Veterinary Anatomist” in the year 2010.Letter of Commendation from the Vice-Chancellor, TANUVAS in recognition of the	Details of courses handled	* UG: Veterinary Anatomy (4+3) as per new VCI pattern - Both theory and Practicals * PG: * Comparative Osteology and Arthrology (VAN 601) * Comparative Splanchnology (VAN 602) * General histology and Ultrastructure (VAN 606) Ph.D.: * Avian Anatomy (VAN 803) * Neuroanatomy (VAN 804) * Gross anatomy of Laboratory animals (VAN 810)			Publications (PEER REVIEWED)	121	TEACHING <ul style="list-style-type: none">Developed Two CBL software – For the First Time in India<ul style="list-style-type: none">Regional Dissection of Ox - 8 VolumesE-Atlas on Histology - 1 VolumeActed as Content Developer for 2 UG courses under ICAR-NAIP ProjectAuthored a Textbook on Gross Anatomy – I (Osteology, Arthrology, and Biomechanics)Authored a Textbook on Veterinary Splanchnology in Tamil for the benefit of the Tamil Medium students joining B.V.Sc degree course.Prepared 5 Teaching manuals, 3 Practical manuals, and 7 textbooks.
			Research	20	<ul style="list-style-type: none">Life Member - Agricultural Scientific Tamil Society (SciTSA)Life Member - Indian Society for Veterinary Surgery (ISVS)		E-modules prepared	* Content developer- Veterinary Gross Anatomy-I * Content developer- Veterinary Gross Anatomy-III * Interactive CD-Rom on Regional dissection of Ox (8 volumes) * Interactive CD-Rom on e-Atlas on Histology					
			Extension	0	<ul style="list-style-type: none">Life Member - Indian Society for Veterinary Immunology and Biotechnology (ISVIB)Life Member - Kalnadai Ariviyal Tamil Ilakkiyam (KATI) * PG Diploma in Regenerative Medicine in TANUVAS		Research Guidance	M.V.Sc	Ph.d	Others	Projeccts		
							Chairman	5	2	2	Completed	Ongoing	
							Member	20	11	4	* Co-Principal Investigator on preparation of Regional dissection of Ox * Co-Principal Investigator on preparation of e-Atlas on Histology * Principal Investigator Tribal Sub-plan project VRC-VV 2013 * Co-Principal Investigator on Establishmen t of Centre for Stem Cell Research and Regenerative Medicine	0	

						<p>work done during the NAIP sponsored training programme in the field of Stem cell Research (Animal Science) at Michigan State University, USA in the year 2011.</p> <ul style="list-style-type: none">• Awarded "Adjunct Professor" at International Institute of Health, Michigan State University, USA in 2013.• Awarded Second Prize in Poster Session in the International Symposium on "Current Challenges and Translational Research to Augment Animal Reproduction" held at MVC, Chennai in 2014.• Awarded "Best Paper Award" by Indian Association of Veterinary Anatomist in 2016.• Awarded "A.M.Srivastava Gold medal and award" for the Best Thesis award by Indian Association of Veterinary Anatomist in 2017.• Awarded Third Prize in Poster Session in the IV Convention and National Seminar of AMST held at Gannavaram in 2019.• Awarded "Dr.K.N.Vyas and Dr.Y.L.Vyas Medal and award" for the Young Scientist award by Indian Association of Veterinary Anatomist in 2019.• Awarded "Best Young Scientist Award-2019 for the Poster Presentation" in an International Symposium and XXXV Annual								
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						Convention of ISSAR in 2019.							
Dr.O.R.SATHY AMOORTHY	Professor	Ph.D.	Teaching	22	4	4	Details of courses handled	Under Graduate: Veterinary Gross anatomy-I, Veterinary Gross Anatomy-II,Histology and Embryology, Splanchnology and Applied Anatomy & Veterinary Anatomy (First Professional Year) Post Graduate:VAN-601,VAN- 602,VAN-605,VAN-805 and VAN-807			Publications (PEER REVIEWED)	40	Developed teaching manuals to all the undergraduate courses and developed museum-skeletons and visceral organs of ox, horse, dog, camel, pig, rabbit, emu, pigeon and chicken. Developed manuals and books for various wild animals Prepared informative CD,s on wild animals
			Research	22			E-modules prepared	0					
			Extension	0			Research Guidance	M.V.Sc	Ph.d	Others			
			Chairman	2			0	0	Completed	Ongoing			
			Member	0			0	0	0	0			
Dr.S.USHA KUMARY	PROFESSOR	Ph.D.	Teaching	27	INDIAN ASSOCIATION OF VETERINARY ANATOMISTS VETERINARY COUNCIL OF INDIA	*CHIEF MINISTER'S GOLD MEDAL FOR BEST M.V.Sc THESIS IN VETERINARY ANATOMY SKM GOLD MEDAL FOR BEST Ph.D. THESIS IN AVIAN STUDIES *best paper award in developmental Anatomy in XV CONENTION OF Indian Association of Veterinary Anatomists(IAVA) ,YEAR 2000 *BEST PAPER AWARD IN XVI ANNUAL CONVENTION OF IAVA, *BEST PAPER AWARD IN XXI ANNUAL CONVENTION OF IAVA, *DR.Md.HAFEEZU DIN SILVER JUBILIEE AWARD AND MEDAL FOR BEST PAPER	Details of courses handled	VETERINARY ANATOMY 4+3 FOR B.V.Sc PG VAN 601-COMPARATIVE OSTEOLOGY AND ARTHROLOGY1+2 VAN602-COMPARATIVE SPALNCHNOLOGY 2+2 VAN603- MYOLOGY,ANGIOLOGY,NEUR OLGY AND AESTHESIOLOGY1+3 VAN604-GROSS ANATOMICAL TECHNIQUES 0+2 VAN605-THEORY AND PRACTICE OF HISTOLOGICAL AND HISTOCHEMICAL TECHNIQUES1+2 VAN606-GENERAL HISTOLOGY AND ULTRA STRUCTURE-3+1 VAN607-SYSTEMIC HISTOLOGY AND ULTRA STRUCTURE3+1 VAN 608-DEVELOPMENTAL ANATOMY 3+1 Ph.D. VAN804-NEUROANATOMY3+1 VAN805-ENDOCRINE ANATOMY2+1 VAN807-HISTOENZYMOMOLOGY AND IMMUNOHISTOCHEMISTRY2+ 1 VAN810-GROSS ANATOMY			Publications (PEER REVIEWED)	68	DEVELOPED TEACHING MANNUALS FOR UG AND PG COURSES DEVELOPED ONE E-MODULE AS AN ALTERNATE FOR DISSECTION OF OX

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Name of the department : Veterinary Biochemistry

Name of faculty	Designation of the faculty	Highest Qualification	Related work experience in field (in years)		Membership in professional bodies, certified courses, fellowship, diplomates in specialized boards (details)	Honours and awards	Continuous documented excellence in teaching				Other demonstrated competencies (publications, projects handled)		Achievements – effective teaching and learning outcomes (write salient achievement only as bullet points)
Dr. M. Bhuvana	Assistant Professor	M.V.Sc	Teaching	06	IAVMI SVBBI	3	Details of courses handled	VBC-111 VBC-121 VBC-411 VLD-421 VLD-511 VPB-112 VPB-122 VPB-321 VLD-411 VLD-421			Publications (PEER REVIEWED)	12	
			E-modules prepared	0									
			Research	03			Research Guidance	M.V.Sc	Ph.d	Others	Projeccts		
			Extension	0			Chairman	0	0	0	Completed	Ongoing	

							Member	0	0	0	0	0	
Dr.K.Padmanath	Assistant Professor	Ph.D.	Teaching	10	SVBBI ISVIB	0	Details of courses handled	VBC-111 VBC-121 VBC-411 VLD-421 VLD-511 VPB-112 VPB-122 VPB-321 VLD-411 VLD-421 VBC-602 VBC-603 VBC-605 VBC-609 VBC-802 VBC-804			Publications (PEER REVIEWED)	16	
			Research	06			E-modules prepared	0					
			Extension	0			Research Guidance	M.V.Sc	Ph.d	Others			
			Chairman	03			0	0	Completed	Ongoing			
			Member	12			0	0	0	0			
Dr.T.Satheesh Kumar	Assistant Professor	M.V.Sc	Teaching	11	Tamil Nadu State Veterinary Council	0	Details of courses handled	VLD-411 VLD-421 VPB-221 VPB-111 VPB-121			Publications (PEER REVIEWED)	03	
			Research	2			E-modules prepared	0					
			Extension	0			Research Guidance	M.V.Sc	Ph.d	Others	Projeccts		
			Chairman	0			0	0	Completed	Ongoing			
			Member	0			0	0	01	01			
Dr.P.S.L.SESH	Professor and Head	Ph.D	Teaching	18	. Tamil Nadu Veterinary Council since 1994 .Society of Biological	.Recipient of Rao Bahadur Dr.S.Swaminatha Ayyar Gold medal in Animal Genetics and Breeding,	Details of courses handled	VBC-111 VBC-121 VBC-411 VLD-421 VLD-511 VPB-112 VPB-122			Publications (PEER REVIEWED)	32	Developed e-module.

					Chemists, India – Life Member since 2000 .Indian society for veterinary Immunology and Biotechnology – Life Member since 23/04/2008 . Agricultural Scientific Tamil Society, New Delhi – Life Member since 10/04/2015 . Society of Veterinary Biochemists and Biotechnologists of India – Life Member since 06/05/2015 . Indian Society for Veterinary Medicine - Life Member since 2016	during B.V.Sc. programme, TANUVAS, Chennai. .Recipient of Thiru R.Nachimuthu Memorial Award in Animal genetics and Breeding, TANUVAS, Chennai. .Recipient of Dr. & Mrs. V.D. Rathnam's Gold Medal in Preventive Medicine, during B.V.Sc. programme, TANUVAS, Chennai. .Recipient of T.T.K.Pharma Award in Preventive Medicine, during B.V.Sc. programme, TANUVAS, Chennai. .Recipient of Mudalaipatti V. Ponnusmay Gounder Memorial Award and Gold Medal in Production Subjects (PSC, LPM, DSC, ANN & AGB), during B.V.Sc. programme, VC & RI, Namakkal. • Recipient of Certificate of Appreciation for Commendable contribution in developing the e-Contents for the course VPB 122 - Veterinary Intermediary Metabolism from TANUVAS, Chennai .Recipient of NDRI-JRF during Master's programme. .Recipient of CSIR-SRF during Ph.D. programme. .Recipient of Best Trainee award during the ICAR-Winter School		VPB-321 VLD-411 VLD-421 VBC-601 VBC-602 VBC-603 VBC-604 VBC-605 VBC-609 VBC-611 VBC-613 VBC-803 VBC-805 VBC-807 VBC-810				
				Research	05		E-modules prepared	VBC-121: Veterinary Intermediary Metabolism				
				Extension	0		Research Guidance	M.V.Sc	Ph.d	Others	Projeccts	
							Chairman	0	0	0	Completed	Ongoing
							Member	10	03	01	02	0

[illegible]

Name of the department : Veterinary Clinical Medicine

Name of faculty	Designation of the faculty	Highest Qualification	Related work experience in field (in years)		Membership in professional bodies, certified courses, fellowship, diplomates in specialized boards (details)	Honours and awards	Continuous documented excellence in teaching		Other demonstrated competencies (publications, projects handled)		Achievements – effective teaching and learning outcomes (write salient achievement only as bullet points)
Dr. M. Balagangathar athilagar	Assistant Professor	Ph.D	Teaching	14.5	<ul style="list-style-type: none"> Indian Society for Veterinary Medicine (ISVM) Indian Society for the Advancement of Veterinary Research (IAAVR) Indian Society for the Advancement of Canine Practice (ISACP) Indian Society for Veterinary Cardiology (ISVC) 	<ul style="list-style-type: none"> Mrs. and Dr. V.D. Rathnam Gold Medal- TANUVAS - 1997 TTK Pharma Award- TANUVAS - 1997 ICAR Junior Research Fellowship- 1997 ICAR Senior Research Fellowship (Veterinary medicine)- 2000 Shri Ram Lal Agarwal National Award - 2004-05 Intas Polyvet 	Details of courses handled	Under Graduate Teaching <ul style="list-style-type: none"> VMD 411-Veterinary Clinical Medicine (General and Systemic) 2+1 VMD 421- Veterinary Clinical Medicine (Metabolic and Deficiency diseases) 2+0 VMD 511- Animal Welfare Ethics and Jurisprudence 2+0 VMD 513- Pet Animal Breeding, Management, Nutrition and Health Care 1+1 Law in Veterinary Science (Study Circle) Canine medicine (Study Circle) Alternate Medicine (Study Circle) Feline Medicine (Tracking Program) 	Publications (PEER REVIEWED)	<ul style="list-style-type: none"> Balagangatharathilagar, M., Swarup, D., Patra, R. C., & Dwivedi, S. K. (2006). Blood lead level in dogs from urban and rural areas of India and its relation to animal and environmental variables. Science of the total environment, 359(1-3), 130-134. https://doi.org/10 	Simulation Model for Vascular Access for UG Students developed Experiential Learning In Emergency and Critical Care Medicine- Three Students trained under EL Scheme from 2017-2020 have started their own Veterinary practice. Continuous Professional Development under Centre for Advanced faculty Learning-capacity Building of Veterinary faculty and Practitioners in the areas of Critical Care, Ultrasound Imaging and Internal Medicine Digital Learning Resource - Thoracocentesis in Dogs

					<ul style="list-style-type: none"> • Veterinar y Council of India (VCI) 	<p>Best Review Article Award- 2005- "</p> <ul style="list-style-type: none"> • Best Poster Presentation Award-2006 - TANUVAS- MSU - Intern. Conference -2006. • Waltham Small Animal Case Presentation Competition-2008. • Best Paper Presentation Award - ISVM-2013 • Alved Award (MVSc. Student- Chairman) - 2017 • Best Paper Presentation Award- ISVM- 2019 • Bheem Award -Best MVSc thesis in Emergency and Critical care Medicine (MVSc. Student- Chairman))-2019 • Alved Award (MVSc. Student- Chairman)-2019 		<ul style="list-style-type: none"> • Critical Care Medicine (Tracking Program) • Clinical Nutrition (Tracking Program) <p>Post Graduate Teaching- M.V.Sc.Veterinary Medicine:</p> <ul style="list-style-type: none"> • VCM 603 EQUINE CLINICAL MEDICINE 2+0 • VCM 605 SWINE CLINICAL MEDICINE 1+0 • VCM 606 AVIAN MEDICINE 1+0 • VCM 608 CLINICAL DISEASES OF ANIMAL SPECIES OF REGIONAL IMPORTANCE 1+0 • VCM 611 VETERINARY FORENSIC MEDICINE 1+1 • VCM 612 CLINICAL DIAGNOSTIC TECHNIQUES 0+2 • VCM 613 VETERINARY EMERGENCY MEDICINE 0+2 • VCM 614 CLINICAL PRACTICE I 0+3 • VCM 615 CLINICAL PRACTICE II 0+3 • VCM 691 MASTER'S SEMINAR 1+0 • VCM 699 MASTER'S RESEARCH <p>M.V.Sc. Veterinary Epidemiology and Preventive Medicine</p> <ul style="list-style-type: none"> • VEP 603 LIVESTOCK AND POULTRY DISEASE INVESTIGATION 0+2 • VEP 610 INFECTIOUS DISEASES OF POULTRY 2+1 <p>Ph.D.- Veterinary Clinical Medicine</p> <ul style="list-style-type: none"> • VCM 707 ADVANCES IN VETERINARY DIAGNOSTICS 1+2 • VCM 708 ADVANCES IN VETERINARY THERAPEUTICS 1+2 • VCM 709 ADVANCED CLINICAL PRACTICE I 0+2 • VCM 710 ADVANCED CLINICAL PRACTICE II 0+2 • VCM 711 ADVANCED CLINICAL PRACTICE III 0+2 • VCM 790 SPECIAL PROBLEM 0+2 • VCM 791 DOCTORAL SEMINAR I 1+0 • VCM 792 DOCTORAL SEMINAR II 1+0 • VCM 799 DOCTORAL RESEARCH <p>Ph.D-Veterinary Epidemiology and Preventive Medicine</p>	<p>.1016/j.scitotenv. 2005.09.063</p> <ul style="list-style-type: none"> • D. Swarup, M. Balagangatharat hilagar and R.C.Patra (2005). Health and Economic impacts and current control strategies of gastrointestinal parasitism in cattle and buffaloes. Review. Intas Polyvet 6 (2): 69- 73. <ul style="list-style-type: none"> • Swarup, D., Patra, R. C., Naresh, R., Kumar, P., Shekhar, P., & Balagangatharat hilagar, M. (2006). Lowered blood copper and cobalt contents in goats reared around lead–zinc smelter. Small ruminant research, 63(3), 309-313. https://doi.org/10 .1016/j.smallrum res.2005.03.011 • Kumarav elu, N., Murugan, M., Balagangatharat hilagar, M., Gopi, H., & Sivakumar, T. (2006). Study on the production and reproduction traits of Murrah buffaloes in an organized farm in Tamil Nadu. Livestock International, 10(8), 4-6. •N. Kumaravelu, M.Murugan, M. Balagangatharat hilagar, H. Gopi, and T. Sivakumar (2007). Study on the performance of Surti buffaloes 	
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										<p>infected with Fasciola gigantica. Journal of Veterinary Parasitology, 25(1), 50-55.</p> <ul style="list-style-type: none">Selvaraj, P., Jeyaraja, K., Umesh, C. G., Thilagar, M. B., Nambi, A. P., & Prathaban, S. (2011). Cholecystolithiasis in a Labrador Bitch: A clinical report on a rare case. Tamil Nadu J. Veterinary & Aimal Sciences, 7(1), 51-53. http://www.tanuv.ac.in/tnjvas/tnjvas/vol7(1)/53-55.pdfEdith, R., Sharma, R. L., Godara, R., & Thilagar, M. B. (2012). Experimental studies on anaemia in riverine buffaloes (Bubalus bubalis) infected with Fasciola gigantica. Comparative Clinical Pathology, 21(4), 415-419. https://doi.org/10.1007/s00580-010-1109-zEdith, R., Godara, R., Sharma, R. L., & Thilagar, B. M. (2012). Fasciola gigantica induced adrenal dysfunctions and its patho-physiological significance in riverine buffaloes (Bubalus bubalis). Buffalo Bulletin, 31 (1), 51-62. http://ibic.lib.ku.ac.th/e-bulletin/IBBU201	
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										<p>pattern in puppies with hemorrhagic gastroenteritis. Veterinary world, 10(8), 859.doi: 10.14202/vetworld.2017.859-863</p> <ul style="list-style-type: none">• Rajamanickam, K., Leela, V., Loganathasamy, K., Latha, B. R., & Balagangatharathilagar, M. (2017). Hepcidin: Discovery to Destiny. IJCS, 5(6), 1725-1733. https://pdfs.semanticscholar.org/32d8/cdef931d2a52e50ca6039e17b63a19a05417.pdf• Inbaraj, C., Thilagar, M. B., Ramesh, J., Nambi, A. P., & Soundararajan, C. (2017). Mineral Status of Soil, Plant and Sheep in North Eastern Agro Climatic Zone of Tamil Nadu. IVJ. 94 (8), 43-45. https://krishikosh.egranth.ac.in/handle/1/5810030484• Edith, R., Harikrishnan, T. J., & Balagangatharathilagar, M. (2018). Targeted selective treatment (TST): A promising approach to combat anthelmintic resistance in farm animals. Journal of Entomology and Zoology Studies, 6(1), 844-847. http://www.entomoljournal.com/archives/2018/vol6issue1/PartL/56-187-664.pdf	
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									narypaper.com/pdf/2018/vol3issue3/PartB/3-3-16-290.pdf
									<ul style="list-style-type: none">Vijayana nd, V., Balagangatharat hilagar, M., Gnanaraj, P. T., & Vairamuthu, S. (2018). Haemato-biochemical and blood metabolite monitoring in pregnant does for pregnancy toxemia. IJCS, 6(2), 3154-3157. https://pdfs.semanticscholar.org/d3f1/3d7b37354ca319d98f22893a4dc367117cfc.pdfJasmin, R., Balagangatharat hilagar, M., Vairamuthu, S., Sumathi, D., Vijayarani, K., Jayathangaraj, M. G., & Ravikumar, G. (2018). Systemic Inflammatory Response Syndrome Associated Alterations in Platelet Indices in Dogs. Int. J. Curr. Microbiol. App. Sci, 7(8), 4384-4389. https://pdfs.semanticscholar.org/55de/5a6b3250d12a86b989f5e0523e2deb9c8225.pdfVairamut hu, S., Subapriya, S., Pazhanivel, N., Balagangatharat hilagar, M., Jasmin, R. and Ranjithkumar, M (2018). Cytological Identification of Trypanosoma evansi in

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										Vaccine in dogs and Clinical Trial on Megavac 9 Vaccine in dogs sponsored by M/s Indian Immunologic als Ltd., Hyderabad. (U.S.O No. 50294/G2/2010 Pro. No.19117/G2 / 2010 dated 22.10.10 of the Registrar, TANUVAS) 2. Estimation of Fructosamine & Glycosylated Hemoglobin concentration in healthy Indian Dogs Breeds and Diabetic dogs in Chennai city (USO No. 50248/G2/2013 Proc. No. 28649/G2/2013 Dated 08.08.2013 of the Registrar, TANUVAS, Chennai-51; Scheme Code:12385)	herbal practices for treatment of Bovine Ephemeral Fever- DST-NIF Scheme Co-Principal Investigator 1.Screening of B and T Cell Lymphoma in canines and Cost-Effective Chemotherapeut ic regimen- DBT Scheme. 2.An appraisal of Multipurpose evacuation shelters and animal disaster risk reduction through capacity building of probable stakeholders for disaster resilient animal husbandry in Tamil Nadu- TNDRRA Scheme	
Dr.M.Chandrasekar	Professor Dept of Veterinary Clinical Medicine Madras Veterinary College Chennai-7	PhD	Teaching	19 yrs	1.Tamilnadu veterinary council. 2.Small animal practitioner association Chennai and WSAVA 3.Indian society of Veterinary Medicine (ISVM) 4. canine cardiology society. 5.canine practitioner association 6.Veterinary	Honors/Awards 1.ISVM at IVRI First Prize - Best poster presentation award Prize Money award - Rs 5000,Year 2000 – 2001 2.Best presentation award 28th annual convention of Indian society of Veterinary Medicine from 17th - 19th February 2010, College of Veterinary Science at Hyderabad	Details of courses handled(Course number alone)	ALL -UG COURSES(VMD) 1.(VMD-411: Veterinary Clinical Medicine-I (General & Systemic) (2+1) 2. VMD-421: Veterinary Clinical Medicine-II (Metabolic & Deficiency Diseases) (2+0) 3. VMD-511: Animal Welfare, Ethics & Jurisprudence (2+0) 4.VMD513 PET ANIMAL DISEASES(2+0) ALL M.V.Sc AND PhD-WARD COURSES	Publications (PEER REVIEWED) Mention number and include links of google scholar/Publications/ResearchGate/Web of science etc.	ONE DOI https://doi.org/10.9734/ARRB/2016/22436	1.VIDEO OF RECORDED CLINICAL PROCEDURE. 2.VIDEO OF SMALL ANIMAL ULTRASOUND FINDINGS.	
			Research	15yrs			E-modules prepared					

			Extension	15yrs	Dermatology society	Second prize for the best poster presentation at 28th annual convention of Indian society of Veterinary Medicine from 17th -19th February 2010, College of Veterinary Science at Hyderabad 3. ISVM Best presentation award (second Prize)2011 at Bombay 4.ISVM Best presentation award (third Prize) 2012 at Aizawl 5.Best clinical case presentation award (2011) on splenic tumor in a dog – third prize 6.Special prize – International Best clinical case presentation award (2011) on canine distemper 7.Best student clinical case presentation award (2011) on DCM in a cat 8.ISVM (2008) Appreciation award – International conference 9.Best clinical case presentation (2009) award on <i>Spirocerca lupi</i> – second 10.Under my guidance Final year Jonna received first Prize in the National Level Conference – Tanuvas -2017.	Research Guidance	M.V.Sc	Ph.d	Others	Projects (Number and details)	
							Chairman	3	2		Completed	Ongoing
							Member	1	2		4. 1.Study on the efficacy of herbal mixture <i>Aristolochia Indica and Luffa acutangula</i> in the treatment of Chronic Mastitis 2.Antipyretic effect of Injection Paracetamol(Acetaminoph en) and Meloxicam in ruminants 3 Efficacy of puffzone in acidosis 4. Use of xanthine oxidase in dilated cardiomyopat hy 2 1.DBT funded scheme on canine lymphoma. 2.DST funded scheme on Indigenous haemodialysis cartridges in canine renal failure cases.	
DR.K.JEYARA JA	PROFESSOR	Ph.D	Teaching	19	1. Member, Indian Society for Veterinary Medicine 2. Vice President, Indian society for Veterinary	1. Best poster – First prize in Phase II if XXII Convention of ISVM and National Symposium on Latest approaches and biotechnological tools	Details of courses handled	1. CAP 724 Critical care, emergency management and Hospital management 1 + 0 2. CAP 717 Neuromuscular diseases and Behavioural disorders 1 + 0 3. VCM 512 Clinical	Publications (PEER REVIEWED)	https://scholar.google.com/citations?hl=en&user=g e2chdAAAAAJ		

					Cardiology 3. Member, Indian Society for Advancement in canine practice 4. Member, Indian Veterinary Council (TN)	or health management of farm and companion animals from 11th – 13th February, 2004 held at IVRI, Izatnagar 2. Second best oral presentation award - National Symposium on 'Recent development in diagnostics and therapeutics including applications of nanotechnology' - National - 2010 3. Second place for poster presentation in the 29th Annual Convention of ISVM and National Symposium on Recent developments in diagnostics and therapeutics including applications of nanotechnology in Veterinary Medicine". 17th – 19th February, 2011 held at Mumbai. 4. Third best poster presentation award - Indian Association of Veterinary Pathologists -- National - 2011 5. First best poster presentation award - National Seminar on Emerging trends in canine cardiovascular medicine- National - 2012 6. Second best poster presentation award - National Seminar on Emerging trends in canine cardiovascular medicine - National - 2012 7. Best clinical article award – Indian Journal of Veterinary Medicine National - 2013 8. Best Oral Presentation Award in the Companion Animal diseases session at SVM Annual Convention of 2015		Veterinary Medicine – II (Clinics) 0 + 2 4. VCP 411 Veterinary Clinical Practice 0 + 1 5. CAP 713 Thoracic Medicine 2 + 0 6. VCP 421 Veterinary Clinical Practice 0 + 1 7. VCM 802 Advances in Cardio Pulmonary Medicine 2+ 0 8. VCM 807 Advances in diagnostic techniques 2 + 0 9. VCM 604 Canine and Feline Clinical Medicine 2 + 0					
			Research	19	E-modules prepared	1. Course content developer - PG Diploma in Small Animal Diagnostic Ultrasound 2. Course content developer - PG Diploma in Small Animal Dermatology 3. Course content developer - PG Diploma in Small Animal Emergency and Critical Care Medicine							
			Extension	19	Research Guidance	M.V.Sc	Ph.d	Others	Projeccts				
					Chairman	3	0	9	Completed	Ongoing			
						Member	4	3	24	1.Plasma taurine estimation in Dilated cardiomyopathy in Labrador Retrievers	0		
Dr.S.Kavitha	Professor and Head	Ph.D	Teaching	20	Indian society for Veterinary medicine Indian Society for	ICAR -JRF for M.V.Sc.1995 CAR-SRF for Ph.D 1998	Details of courses handled	UG education CLM 422 (2+1) ,CLM 411(3+1) CT-CLM 410, CLM 421(2+1),CT-CLM 510, VAC 421, VCM- 511, VCM- 422,			Publications (PEER REVIEWED)	1. S Kavitha, B Nagarajan, S Prathaban, AP Nambi, K Vasu,	Prepared case wise video clippings and photo documentation for Both large and small animal diseases for effective UG and PG teaching

					<p>veterinary cardiology Indian society for advancement of canine practice</p> <p>Young scientist Award conferred by ISVM during 1998 for M.V.Sc research work</p> <p>University First rank at undergraduate level and won seven gold medal(1995)</p> <p>Best clinical case presentation awards</p> <p>Best Research article award 2007</p> <p>Best oral paper presentation award in SVM convention 2019</p>		<p>VCM 421, VCM- 512, VMD 411, VMD 421 , VMD 513,VMD 511, VCP 411, VCP 421, VCP 511</p> <p>PG</p> <p>VCM 604, VCM 607, VCM 609, VCM 606,VCM615, VCM 603, VCM 610 ,VMD 601</p> <p>Ph.D</p> <p>VCM 809,VCM 801, VCM 802, VMD 802</p> <p>PG diploma</p> <p>ECM 702, ECM 711, CAP 714 , CAP 724</p>		<p>P Dhanapalan ,2000</p> <p>Endoscopic diagnosis of Spirocerca lupi nodule in dogs. Indian Veterinary Journal 77 (7), 617-618</p> <p>2. G Vijaykumar, S Kavitha, K Krishnakumar, PS Thirunavukkarasu, ...2001 Snake envenomation in dog A case report, Indian Vet. J 78, 1146-1149</p> <p>3. M Subramanian, PS Thirunavukkarasu, G Vijayakumar, T Anna, S Kavitha 2001 An outbreak of scabies in piggery unit-A clinical report INDIAN JOURNAL OF VETERINARY MEDICINE 21 (2), 107-107</p> <p>4. S Kavitha, PS Thirunavukkarasu, SR Srinivasan, M Subramanian A retrospective study on the prevalence of diseases of cattle and buffaloes in Namakkal district .Indian veterinary journal 79 (5), 508-509</p> <p>5.G Vijayakumar, S Kavitha, PS Thirunavukkarasu, SR Srinivasan, .2002.. Nicotine poisoning in a goat Indian</p>	<p>State of art endoscopy technique is being disseminated for UG students, PG students, Faculty of various SAUs/SVUS and practicing Vets</p>
			Research	20		E-modules prepared	<p>Online courses DER 705, DER 707, DUS 704, ECM 703, ECM 709</p>			

										<p>Veterinary Association</p> <p>6. G Vijayakumar, R Jayaprakash, PS Thirunavukkarasu, S Kavitha, ...2002 Ultrasonographic Evaluation Of Ileus in a Dog— A Case Report Indian Veterinary Association</p> <p>7. S Kavitha, S Prathaban, K Vasu, P Dhanapalan 2007 Endoscopic isolation of Helicobacter pylori from gastric ulcer dogs, ,Indian Journal of Veterinary Medicine 27 (1), 1</p> <p>8. G Vijayakumar, S Kavitha, C Balachandran, SR Srinivasan, S Prathaban 2007 Gastric carcinoma in a German shepherd dog Indian Veterinary Journal</p> <p>9. S Kavitha, AP Nambi, B Gowri, C Balachandran, PS Thirunavukkarasu, . 2008. Pemphigus Vulgaris in a Dog, Indian Veterinary Journal</p> <p>10. V Vanitha, AP Nambi, B Gowri, S Kavitha , 2010. Rumen impaction in</p>	
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										<p>cattle with indigestible foreign bodies in Chennai, Tamilnadu Journal of Veterinary and Animal Sciences 6 (3), 138-140 11.Kavitha.S., Nagarajan, B., Enbavelan, P.A., and Nambi, A.P. 2011 A rare case of Neotrombicula Autumnalis dermatitis in a german Shepherd Puppy Tamilnadu.J. vet and Ainm.Sci,7(5), 250-251, 12.Saravanan, M., Nagarajan, B and Kavitha, S. 2011 Endoscopic retrieval of Anchylostoma caninum from duodenum of a dog. Intas Polivet, 12(1): 102- 103., 13.Saravanan, M., Nagarajan, B and Kavitha, S. 2011. Duodenal foreign body in dogs: Endoscopic findings Indian Journal of Veterinary Medicine, 31 (2): 134-135. 14. Preethi Unnithan, A.Sivaprakasam, B.Nagarajan, S.Kavitha, R.Sridhar, S.Vairamuthu and A.P.Nambi Nasa aspergillosis in a dobermann dog. Proceedings of Kerala Veterinary Science Congress-2011 26-27 , Nov 2011 188-190 15.B.Nagarajan</p>	
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										<p>S.Kavitha, , U.Preethi and A.P.Nambi 2012 ACVD conference abstracts in Veterinary Dermatology (International) Clinical study of canine juvenile cellulitis in a university small practice in Chennai, India 16. C.Ganguly, A.P.Nambi, S.R.Srinivasan and S.Kavitha 2012 ACVD conference abstracts in Veterinary Dermatology23(1)(International) Electron microscopic study of skin changes in dogs with Malassezia dermatitis 17. S.Kavitha, A.P.Nambi, S.R.Srinivasan, R.Jeyaprakash and Muralimanohar, 2013 Clinicopathologic al changes in chronic renal disease in dogs Indian Veterinary Journal, 90 (4): 131-133. 18. S.Kavitha, A.P.Nambi,S.R. Srinivasan, C.Balachandran and B.Muralimanohar 2013 Ultrasonographic and histopathological changes in dogs with chronic renal disease Tamilnadu.J. vet and Ainm.Sci,9(2), 153-155, 19. S.Kavitha, S.Hamsa Yamini, B.Nagarajan, B.R.Latha, and</p>	
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										<p>A.P.Nambi 2013 Depluming itch in a parrot Intas Polivet, 14(ii) 331-332, 20. S.Kavitha, M.Venkatesan, B.Nagarajan and P.S.Thirunavukk arasu 2013 Clinical Management of feline otodectosis –A study of 11 patients Intas Polivet, 14(ii) 312-313, 21. A.P.Nambi and S.Kavitha, 2013 Canine atopic dermatitis Intas Polivet, 14(ii) 236-240, 22. M.Sandhya Bhavani, P.S.Thirunavukk arasu, S.Kavitha and A.P.Nambi 2013 Concurrent hypothyroidism and hyperadrenocorti cism in three dogs Intas polivet / vol.14. issue II. Pg no. 443-444 23. M Saravanan, B Nagarajan, S Kavitha, C Balachandaran, K Senthilkumar, ...2013 A study on clinico biochemical, endoscopic and duodenal aspirate culture of small intestinal bacterial overgrowth affected dogs Indian Journal of Veterinary Medicine 33 (1), 61-63 24.Saravanan, M., Nagarajan,B., Kavitha, S., Balachandaran, C., Senthilkumar, K.</p>	
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										<p>and Srinivasan, S.R. 2013 Duodenoscopic evaluation of inflammatory bowel disease (IBD) in dogs. Indian Veterinary Journal, 90 (2): 74-76.</p> <p>25.Chandan Ganguly, A.P.Nambi, S.R.Srinivasan, S.Kavitha and C. Balachandaran 2013 Pulse administration of Itraconazole for the treatment of malassezia dermatitis in dogs Indian Veterinary Journal, 90 (12): 96-97.</p> <p>26.Saravanan, M., B. Nagarajan., S. Kavitha, C. Balachandaran, K. Senthilkumar and S.R. Srinivasan. 2013 A study on clinico-biochemical, endoscopic and duodenal aspirate culture of small intestinal bacterial overgrowth affected dogs. Indian Journal of Veterinary Medicine, 33(1): 61-63.</p> <p>27.S.Hamsa Yamini, S.Kavitha, A.P.Nambi, M.Chandrasekar , S.Sub priya and S.M.Sakthivel Lymphocytic plasmacytic chronic rhinitis in a sniffer dog – A case study Proceedings of Kerala Veterinary</p>	
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			Extension	20			Research Guidance	M.V.Sc	Ph.d	Others	Projeccts		
							Chairman	3	1	9	Completed	Ongoing	
							Member	4	1	10	TN science and technology project On helicobacter gastritis - co Pi ICAR experiential learning unit on VACC and ABB - PI for one year	ICAR experiential learning on Critical care Medicine and Inpatient care	
P.POTHIAPPAN	Assistant Professor	M.V.Sc	Teaching	4	Life Member – Indian Society of Veterinary Medicine Life Member – Tamil Nadu Veterinary	• TANUVAS best rider award - 2003. Gold medal - National level equestrian event held at New Delhi, 2004.	Details of courses handled	• Course teacher for Veterinary Clinical Practice – VCP 411 (0+5), Seventh semester (2015-16 batch). • Course teacher for Veterinary Clinical Practice – VCP 511 (0+5), Ninth semester (2014-15 batch).			Publications (PEER REVIEWED)	1) P.Pothian, P.Dhanapalan, S.R.Srinivasan, P.Selvaraj and B. Justin William. (2010). Effect of	Acted as Deputy Technical Manager in for obtaining of NABL ISO/IEC 17025:2005 accreditation in the field of chemical testing for animal feed and livestock products at PLAFFS. Acted as Deputy Technical Manager in

					<p>Council Life Member – Indian journal of Veterinary and Animal Science Research</p> <p>Life Member – Indian Journal of Animal Reproduction</p> <p>• Life member in Tamil society for veterinary sciences</p> <p>• Life member in the Indian society for Veterinary Cardiology</p>	<p>Gold medal – Alved prize for the best M.V.Sc students of Madras Veterinary College in the subject of VCME</p> <p>J. TANUVAS Merit Scholarships during the year 2007-2009 for M.V.Sc., Government of Tamil Nadu.</p> <p>Total Best oral presentation award in Conference- 14</p> <p>SAPAC overall best presentation award in the Veterinary Medicine in TANUVAS first intra university students clinical case conference on companion an, domestic and wild animal practice held in VCRI, orathanadu on 05.04.2019.</p>		<p>Course teacher for VMD512 for the IX semester of V B.V.Sc & A.H (2015-16 batch)</p> <p>Course teacher for VMD 411 Veterinary Clinical Medicine-I (General and Systemic) VII Semester of IV B.V.Sc. & A.H.(2016 – 2017 batch)</p>		<p>exercise on biochemical factors in healthy and diseased horses. Indian journal of Animal Research. (Accepted). 2)</p> <p>P.Pothia ppan, P.Dhanapalan, S.R.Srinivasan, B. Justin William and P.Selvaraj. (2011). Incidence of upper respiratory affections associated poor performance in horses. Tamilnadu J. Vet. Ani. Sci., Vol: 7 (3): 123-125. 3)</p> <p>Pothiapp an, P., Vaikunda Rao. V. and L. sivasudharshan.(2011). Endoscopic diagnosis and therapeutic management of ulcerative colitis in dog- A case report. Intas. Polivet Vol. 2 (II): 331-332. 4)</p> <p>Pothiapp an, P., Vaikunda Rao. V. and L. sivasudharshan.(2011). Chocolate poisoning in a dog and its successful treatment. Intas. Polivet Vol. 12 (II): 160. 5)</p> <p>Pothiapp an, P., Vaikunda Rao. V. and L. sivasudharshan.(2011). Successful management of snakebite in a dog. The vets. Communication. Vol.7: 44-45. 6)</p>	<p>renewal of NABL ISO/IEC I7O25:2017 accreditation in the field of chemical testing for animal feed and livestock products at PLAFFS.</p>
				Research	4		E-modules prepared	<p>☐ Acted as content developer a Topic on ECG in skill development course of TANUVAS.</p> <p>☐ Acted as content developer a Topic on Ultrasound in skill development course of ANUVAS.</p> <p>☐ Acted as content developer a Topic on Pet animal trainer in skill development course of ANUVAS.</p> <p>☐ Acted as content developer a Topic on Pet spa assistant in skill development course of ANUVAS.</p>			

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									<p>spavin and its management in kathiawari horse. Intas. Polivet Vol. 13 (II): 185-186.</p> <p>11) P. Pothiappan., Dr. Sureshkumar R. Dr. Vijayakumar H., Capt. Dr.G. Dhanan Jaya Rao. (2013). Post-partum uterine prolapse in a non-descript doe and its management. Indian. Vet. J., 90 (11): 67-68.</p> <p>12) P.Pothiappan, D. Selvi, K. Kandaraj and M. Thangapandiyan . (2013). Multiple congenital anomalies in a new born calf –A case report. Tamilnadu J. Vet. Ani. Sci., Vol: 9 (1): 61-63.</p> <p>13) P.Pothiappan and S. Parthiban. (2013). Juvenile diabetes mellitus in a domestic cat and its clinical management. Online J. Vet. Res., Vol: 17(8):416-418.</p> <p>14) P. Pothiappan, T. Muthuramalinga m, S. Parthiban, R. Suresh kumar, S. Selvakumar and G. D. Rao. (2014). Unusual size of subcutaneous haematoma and its surgical management in a thoroughbred horse- A case report. Tamil Nadu Veterinary and Animal Sciences 9 (5) 378-380.</p> <p>15) P.</p>	
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									16) P. Pothiappan, K. Sridhar, S. Kavitha, P. Selvaraj, A. P. Nambi and S. R. Srinivasan (2014). Guttural pouch empyema in thoroughbred horse and its management. Indian. J. Vet. Med., 34 (02): 160-161.
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									18) P. Pothiappan, T. Muthuramalinga m, R. Suresh kumar, S. Selvakumar, M. Thangapandiyan and G. D. Rao. (2014). Paracetamol poisoning in a cat and its management. Ind. J. Vet & Anim. Sci. Res.43 (5) 388- 389.
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												under intensive goat farming in Tamil Nadu. Journal of Animal Research 5(4): 945-947.	
			Extension	2			Research Guidance	M.V.Sc	Ph.d	Others	Projeccts		
							Chairman				Completed	Ongoing	
							Member				PI- Establishmen t of desi chicken unit- Revolving fund Scheme Co-PI- Establishmen t of Veterinary Forensic Sciences Laboratory- NADP Scheme Co-PI - Entrepreneur ship training programme on Rabbit production, ETP Scheme		
Dr. M. Ranjithkumar	Assistant Professor	Ph.D	Teaching	8	Member in 3 professional bodies	5	Details of courses handled	8 UG courses and 5 PG courses			Publications (PEER REVIEWED)	22	Experienced in clinical teaching
			Research	9			E-modules prepared	Nil					
			Extension	8			Research Guidance	M.V.Sc	Ph.d	Others	Projeccts		
							Chairman	0	0	0	Completed	Ongoing	
						Member	2	0	0	0	1		

Dr.P.SELVARAJ	PROFESSOR	Ph.D	Teaching	20	Membership in professional bodies:	1. Virginia Tech, USA Shortterm fellowship in	Details of courses handled	Independent Teaching: 54 Courses (UG, PG, PG Diploma and Doctoral Courses)	Publications (PEER REVIEWED)	International: 24 National: 91 1. Pothiap	New courses were designed and are implemented with greater success: <ul style="list-style-type: none"> PG Diploma in Small Animal
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					<ul style="list-style-type: none">Life Member – Indian Society of Veterinary Medicine (ISVM)Life Member – Indian Association of Veterinary Dermatology (IAVD)Life Member – Indian Society for the Advancement of Canine Practice (ISACP)Life Member – Indian Association for Advancement of Veterinary Research (IAAVR)Life Member – Indian Association of Bovine PractitionersLife Member – Indian Society for Nuclear Technology in Animal Sciences (ISNUTAS)Life Member – Small Animal Practitioners Association of Chennai (SAPAC)Life Member - Tamilnadu Veterinary Assistant Surgeons Association (TNVASA)Life Member – Tamilnadu Veterinary Council (TVC)Life Member – Indian Veterinary Council (IVC) <p>Certified courses:</p> <ul style="list-style-type: none">PGDBM: PG Diploma in	Regenerative Medicine 2014 1. Indian Journal of Veterinary Medicine Best Journal Paper – Clinical Article Award - 2014 2. UKIERI-TRIP Intl. Conf. on Trans boundary Diseases Best Paper Award - 2013 3. Indian Society for Veterinary Medicine - Best Paper Award in Small Animal Medicine- 2013 4. Dr.P.K.Das Gold for Excellence in Small Animal Medicine-2012 5. International Clinical Case Management Competitions 2011 – ANUVAS – Mars International India 6. Companion Animal Clinical Case Conference – Best Clinical Case Presentation Award 2011. 7. International Clinical Case Management Competitions 2010 – ANUVAS – INTAS Neovet Food Animal Clinical Case Conference – Best Clinical Case Presentation Award 2011. 8. International Clinical Case Management Competitions 2010 – ANUVAS – Mars International India 9. Companion Animal Clinical Case Conference – Best Clinical Case Presentation Award 2010. 10. International Clinical Case Management Competitions 2010 – ANUVAS – INTAS Neovet Food Animal Clinical Case Conference – Best Clinical Case Presentation Award 2010. 11. Dr.D.C Blood Gold Medal for Meritorious Contributions in Veterinary Medicine,	Joint Teaching for Clinical Ward Courses at Teaching Hospital: 62 Courses <ul style="list-style-type: none">Joint Teaching for UG Clinical Ward Courses : 34 CoursesJoint Teaching for PG Clinical Ward Courses : 28 CoursesJoint Teaching for Doctoral Clinical Ward Courses : 10 Courses <p>UG Courses</p> <table><thead><tr><th>Course Number</th><th>Course title</th><th>Credit hours</th></tr></thead><tbody><tr><td>VCM-421</td><td>General and systemic - I</td><td>2+0</td></tr><tr><td>VCM-422</td><td>General and systemic Examination – Clinics- I</td><td>0+2</td></tr><tr><td>VAC- 421</td><td>Veterinary Ambulatory Clinic- I</td><td>0+2</td></tr></tbody></table> <p>PG Courses</p> <table><thead><tr><th>Course No.</th><th>Title</th><th>Credit hours</th></tr></thead><tbody><tr><td></td><td>M.V.Sc Courses</td><td></td></tr><tr><td></td><td>Major course</td><td></td></tr><tr><td>VCM 601</td><td>Clinics – I</td><td>0+1</td></tr><tr><td>VCM 602</td><td>Clinics – II</td><td>0+1</td></tr><tr><td>VCM 603</td><td>Clinics – III</td><td>0+2</td></tr><tr><td>VCM 604</td><td>Clinical Diagnostic Techniques</td><td>2+0</td></tr><tr><td>VCM 605</td><td>Veterinary Critical Care and Emergency</td><td>2+0</td></tr><tr><td>VCM 606</td><td>Neuromuscular Diseases</td><td>2+0</td></tr><tr><td>VCM 607</td><td>Gastroenterology of Ruminants</td><td>2+0</td></tr><tr><td>VCM 608</td><td>Gastroenterology of Non – Ruminants</td><td>2+0</td></tr><tr><td>VCM 609</td><td>Metabolic Disorders and Nutritional Deficiency Diseases</td><td>2+0</td></tr><tr><td>VCM 610</td><td>Respiratory Cardiovascular and Hemopoietic Diseases</td><td>2+0</td></tr><tr><td>VCM 611</td><td>Diseases of urinary Organs and Mammary Gland</td><td>2+0</td></tr><tr><td>VCM 612</td><td>Diseases of Skin</td><td>2+0</td></tr><tr><td>VCM 613</td><td>Endocrine Disorders</td><td>2+0</td></tr></tbody></table> <p>Minor / Specialized Course</p>	Course Number	Course title	Credit hours	VCM-421	General and systemic - I	2+0	VCM-422	General and systemic Examination – Clinics- I	0+2	VAC- 421	Veterinary Ambulatory Clinic- I	0+2	Course No.	Title	Credit hours		M.V.Sc Courses			Major course		VCM 601	Clinics – I	0+1	VCM 602	Clinics – II	0+1	VCM 603	Clinics – III	0+2	VCM 604	Clinical Diagnostic Techniques	2+0	VCM 605	Veterinary Critical Care and Emergency	2+0	VCM 606	Neuromuscular Diseases	2+0	VCM 607	Gastroenterology of Ruminants	2+0	VCM 608	Gastroenterology of Non – Ruminants	2+0	VCM 609	Metabolic Disorders and Nutritional Deficiency Diseases	2+0	VCM 610	Respiratory Cardiovascular and Hemopoietic Diseases	2+0	VCM 611	Diseases of urinary Organs and Mammary Gland	2+0	VCM 612	Diseases of Skin	2+0	VCM 613	Endocrine Disorders	2+0		<p>an, P, Nagarajan., Selvaraj.P., Vairamuthu.S. and Tirumurugaan, K.G.</p> <p>Novel Granulocytic Colony Stimulating Factor based Therapy for Morbidity Reduction in Pancytopenic Dogs with Babesia gibsoni. Journal of Animal Research:10(2),2020,199-204</p> <p>2. S Yogeshpriya, P Selvaraj, PK Ramkumar, M Venkatesan, M Saravanan and K Jayalakshmi. Accuracy of direct vs calculated ionized calcium in treatment planning for transition cow medical care: A review of 104 dairy cows International Journal of Chemical Studies.8(1):2020.2009-2011.</p> <p>3. Krishna Kumar S, Ranjith Kumar M, Vinod Kumar N, Madheswaran R, Anil Kumar R, Selvaraj P. Therapeutic Plan for Clostridium perfringens Type A Alpha Toxin Associated Jejunal Haemorrhagic Syndrome in Bovine of</p>	<p>Emergency & Critical Care Medicine</p> <ul style="list-style-type: none">PG Diploma in Small Animal Dermatologye- learning modules in Veterinary Clinical MedicineInteractive Multimedia on Clinical Examination, Clinical Procedures & Endoscopy <p>Notable Achievements in Clinical Education:</p> <ul style="list-style-type: none">Prepared the “e-learning” course module for the course VCM 512 (Clinical Veterinary Medicine (0+2), under the ICAR-NAIP- e-learning development programme.Prepared a multimedia based tutorial on “Clinical examination of cattle” for the benefit of clinical students.Prepared about 300 power point presentations and 50 video presentations on clinical procedures for student teaching and training.One Student Research Project of Tamilnadu State Council for Science & Technology Completed. <p>New PG Clinical Curriculum Development:</p> <ul style="list-style-type: none">Designed and Developed the following New Clinical Postgraduate Diploma Courses and their Curriculum and Strategies of ImplementationPostgraduate Diploma in Emergency & Critical Care MedicinePostgraduate Diploma in DermatologyPostgraduate Diploma in Regenerative MedicineAssisted in designing and developing a new multidisciplinary clinical Postgraduate Diploma Course in Companion Animal Practice & in re-designing and re-developing the Postgraduate Curriculum in Veterinary Clinical Medicine for submission to ICAR. <p>Contributions for the Development of Specialty Veterinary Clinical Education</p> <ul style="list-style-type: none">Assisted in the establishment of dedicated state of the art units for Veterinary Internal Medicine, Cardiology, Critical Care, Dermatology, Gastroenterology, Endoscopy and Nephrology in Madras Veterinary College, Chennai, which are all first of their kind in India and serves as referral centre for the entire country. <p>State of the Art Entrepreneurial Education Programmes Developed and Implemented</p> <ul style="list-style-type: none">ICAR Experiential Learning Centre in Veterinary Emergency & Critical Care Medicine for Entrepreneurial Training (Outlay Rs.95.00 Lakhs)
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					<p>Business Management in Animal & Fishery Sciences</p> <ul style="list-style-type: none">PGDRM: PG Diploma in Regenerative MedicineVirginia Tech(USA) Shortterm Fellowship in Regenerative Medicine	<p>010.</p> <p>1. Indian Society for Veterinary Medicine – Best Poster Award 2010</p> <p>2. International Clinical Case Management Competitions 2009 – ANUVAS – Mars International India Companion Animal Clinical Case Conference – Best Clinical Case Presentation Award 2009.</p> <p>3. International Clinical Case Management Competitions 2009 – ANUVAS – INTAS Neovet Food Animal Clinical Case Conference – Best Clinical Case Presentation Award 2009.</p> <p>4. Letter of Appreciation from Commissioner of Rural Development, Govt. of Tamil Nadu-2009.</p> <p>5. World Congress of Veterinary Dermatology Association Scholarship – 2008 one among the 20 International Awardees and the only one from India)</p> <p>6. Royal Canin Young Vets Registration Scholarship for WCVD - 2008</p> <p>7. Indian Society for Veterinary Medicine – Best Poster Award 2008</p> <p>8. Indian Society for Veterinary Medicine – Best Paper Award 2007</p> <p>9. Indian Society for Veterinary Medicine – Best Poster Award 2007</p> <p>10. Indian Society for Veterinary Medicine – Best Paper Award 2006</p> <p>11. ICAR Senior Research Fellowship in Clinical Medicine - 1997</p>	<p>VCM 614 Animal Hospital Management 1+0</p> <p>VCM 615 Canine ophthalmology 2+0</p> <p>VCM 616 Canine Cardiology 2+0</p> <p>VCM 617 Comparative Dermatology 2+0</p> <p>VCM 618 Canine Neurology 2+0</p> <p>VCM 619 Canine Gastroenterology 2+0</p> <p>VCM 620 Rumen Ecosystem and its Manipulation in Rumen Medicine 2+0</p> <p>VCM 621 Diseases of Wild / Captive Animals and Birds 1+0</p> <p>VCM 622 Veterinary Ethics and Jurisprudence 1+0</p> <p>VCM 631 Seminar 1+0</p> <p>VCM 641 Research 0+15</p> <p>Ph.D. Courses</p> <table><tr><th>Course No.</th><th>Title</th><th>Credit hours</th></tr><tr><td colspan="3">Ph.D., Courses</td></tr><tr><td colspan="3">Major courses</td></tr><tr><td>VCM 801</td><td>Clinics – I</td><td>0+1</td></tr><tr><td>VCM 802</td><td>Clinics – II</td><td>0+1</td></tr><tr><td>VCM 803</td><td>Clinics – III</td><td>0+1</td></tr><tr><td>VCM 804</td><td>Advanced Neurology</td><td>2+0</td></tr><tr><td>VCM 805</td><td>Production Disorders of Animals</td><td>2+0</td></tr><tr><td>VCM 806</td><td>Veterinary Gastro-Enterology</td><td>2+0</td></tr><tr><td>VCM 807</td><td>Veterinary Cardiology</td><td>2+0</td></tr><tr><td colspan="3">Minor / Specialized Course</td></tr><tr><td>VCM 808</td><td>Motoric Disturbanceas of Gastro-Intestinal tract of Ruminants</td><td>2+0</td></tr><tr><td>VCM 809</td><td>Clinical Microbiology or Rumen</td><td>2+0</td></tr><tr><td>VCM 810</td><td>Nutritional Disorders in Ruminants</td><td>1+0</td></tr><tr><td>VCM 811</td><td>Gastroenterology of Non-Ruminants – I</td><td>2+0</td></tr><tr><td>VCM 812</td><td>Gastroenterology of Non-Ruminants – II</td><td>2+0</td></tr><tr><td>VCM 831</td><td>Seminar</td><td></td></tr></table>	Course No.	Title	Credit hours	Ph.D., Courses			Major courses			VCM 801	Clinics – I	0+1	VCM 802	Clinics – II	0+1	VCM 803	Clinics – III	0+1	VCM 804	Advanced Neurology	2+0	VCM 805	Production Disorders of Animals	2+0	VCM 806	Veterinary Gastro-Enterology	2+0	VCM 807	Veterinary Cardiology	2+0	Minor / Specialized Course			VCM 808	Motoric Disturbanceas of Gastro-Intestinal tract of Ruminants	2+0	VCM 809	Clinical Microbiology or Rumen	2+0	VCM 810	Nutritional Disorders in Ruminants	1+0	VCM 811	Gastroenterology of Non-Ruminants – I	2+0	VCM 812	Gastroenterology of Non-Ruminants – II	2+0	VCM 831	Seminar		<p>Tamilnadu. Con Dai & Vet Sci. 3(5)-CDVS.MS.ID.000173. DOI: 10.32474/CDVS.2020.03.0001733(5)2020,341-349</p> <p>4. 4. M. Venkatesan, M. Saravanan,B.Gowri,P. Selvaraj, S.Senthilkumar, P.Tamizhmagan, S. Yogeshpriya, K. Jayalakshmi, Ultrasonographic and Radiographic imaging diagnosis of diaphragmatic hernia in a transition cow: A case report 10.21887/ijvsbt.15.3.21. Indian journal of Veterinary Sciences and Biotechnology. 10.21887/ijvsbt.15.3.21.2020.10.21887/ijvsbt.15.3.21</p> <p>3. M. Saravanan, P. Selvaraj, S. Yogeshpriya, M. Venkatesan, P.K. Ramkumar and K. Kannan Molecular Diagnosis of <i>Babesia canis</i> Infection with Concurrent of Evans Syndrome in a Labrador Dog . International Journal of Current Microbiology and Applied Sciences 8(12), 2019 2522-2526</p> <p>4. M. Venkatesan, P. Selvaraj,M.</p>	<ul style="list-style-type: none">ICAR Experiential Learning Centre in Animal Blood Banking & Veterinary Transfusion Medicine for Entrepreneurial Training (Outlay : Rs.99.50 Lakhs)
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					2. ALVED PRIZE and Gold Medal for Excellence in Clinical Medicine – 1997		0+2 VCM 841 Research 0+45		Saravanan, M.Veeraselvam , S.	
			Research	20	3. ICAR Junior Research Fellowship in Clinical Medicine - 1995 4. TANUVAS MERIT SCHOLARSHIP – 1995 5. Dr.M.S.Ganapathy Memorial Medal for Excellence in Clinical Medicine – 1995 Distinctions: University Rank holder in Ph.D in Veterinary Clinical Medicine University Rank holder in PGDBM in Animal and Fishery Sciences University Rank holder in MVSc in Clinical Medicine & Therapeutics	E-modules prepared	<ul style="list-style-type: none"> ICAR NAIP e- learning modules in Veterinary Clinical Medicine - VCM 421for BVSc&AH Course Interactive Multimedia on Clinical Examination, Clinical Procedures, Biopsy & Endoscopy 		Yogeshpriya, K. Jayalakshmi Palliative management with ultrasound guided percutaneous pericardial lavage for cow with pericarditis- A case report The Indian journal of Veterinary Sciences & Biotechnology 14(3) , 2019 , 73-74 5. M.Venkat esan, P.Selvaraj , S.Yogeshpriya K.Jayalakshmi, Thelazia spp in native crossbred cows of hilly tracts in Vellore district of Tamil Nadu: a report of 51 cases Journal of Entomology and Zoology studies, 7(6) , 2019, 42-44 6. Yogeshpri ya S, Selvaraj P , Saravanan M, Ramkumar P. K and Venkatesan M. Electrocardiogr am of Unanesthetized Homing Turkey (Meleagris gallopavo), Applied Biological Research, 21(3), 2019, 245-249 7. M. Venkatesan, P. Selvaraj , M. Saravanan, S. Yogeshpriya, K. Jayalakshmi, M.Veeraselvam , N.	

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										<div>49.</div> <div>15. M.Venkat esan, P.Selvaraj, K.Jayalakshmi, R.Manickam, S.Yogeshpriya, M.Veeraselvam . Integrative therapy in the management of Haemolactia in Transition Cows. Indian Veterinary Journal, 96 (01), 2019, 40- 42.</div> <div>16. Krishna Kumar S, Richa Sood, Selvaraj P, Jayalakshmi K, Ranjith Kumar M.Cohort Study of Bovine Malignant Catarrhal Fever in Cavery Delta Districts of Tamil Nadu. Annals of Reviews and Research, 5(2): 555659. DOI: 10.19080/ARR. 2019.05.55565 9. 2019, 1-4.</div> <div>17. S. Yogeshpriya, P. Selvaraj, M. Saravanan, K. Jayalakshmi and M. Venkatesan. Spontaneous clinical toxicosis with Abrus precatoriousSe eds in a dairy cow. <i>Indian Journal of Animal Research</i>. 2019, DOI: 10.18805/IJAR. B-3853. B- 3853[1-4]. 2019. 3853. [1- 4].</div> <div>18. S Krishna kumar, P Selvaraj, M</div>	
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											<div>Livestock Producers of Scheduled Caste Communities in Katpadi and Vellore Blocks of Vellore District in Tamilnadu– PI, DST-SEED Division, Govt.of India & TN (Rs.39.80 Lakhs)</div> <div>Companion Animal Medicine Projects:</div> <div><ul style="list-style-type: none">Clinical Evaluation of Flow guided Techniques of Pulmonary Artery Catheter Floatation for Hemodynamic Monitoring in Veterinary Practice and Capacity building in Critical Care Medicine – PI, Edwards Life Sciences - Asia-Pacific (Rs.8.50 Lakhs).ICAR Scheme on “Experiential Learning Centre in Critical Care Medicine and Inpatient Clinical Care” - Co-PI, ICAR, Govt.of India (Rs.95.00 Lakhs)ICAR Scheme on “Experiential Learning Centre in Ambulatory</div>		
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										<div>Clinical Complex and Animal Blood Banking” - PI, ICAR, Govt.of India (Rs.99.50 Lakhs)</div> <div><div><div>•</div><div>DST-CSRI Project on “Cognitive Deficits in Canines, their Impact on Olfactory Detection and Cognitive Optimization for Sniffer Dogs” - PI, DST, Govt.of India (Rs.45.78 Lakhs)</div></div></div> <div>Completed Projects</div> <div><div>Project title</div><div>Role</div><div>Fundi</div><div>ng</div><div>Fundi</div><div>ng agency</div><div>Evaluation of age related immune changes and demodicosis status of dogs under home food and commercial pet foods.</div><div>Princi</div><div>pal</div><div>investigator</div><div>US\$1</div><div>5000</div><div>Walt</div><div>ham</div><div>Foundation, UK</div><div>TNSCST-DIT</div><div>Project on Self Help Group enabled Ethno-veterinary based rural animal health care delivery</div><div>Princi</div><div>pal</div></div>		
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										investigator Rs.0. 40 lakhs TNS CST, Chennai INTAS Pharmaceutic al Ltd. Project on “Comparative evaluation of efficacy of feed additives in ruminal acidosis of dairy cattle” Princi pal investigator Rs.0. 21 lakhs INTA S Pharmaceutic al Ltd Ahmedabad. INTAS Pharmaceutic al Ltd. Project on “Antipyretic Effects of Paracetamol and Meloxicam in Ruminants” Co- Principal investigator Rs.0. 15 lakhs INTA S Pharmaceutic al Ltd Ahmedabad.		
D.Sumathi	Assistant professor	Ph.D	Teaching	13	Life Member 1. Indian Society for Veterinary Medicine (ISVM) 2. Indian Association for the Advancement of Canine Practice 3. Indian society for Veterinary Cardiology 4. Association of Veterinary	*Best Oral Paper Presentation Award 2013, Ultrasonographic Studies of Splenic Disorders in Canines. D.Sumathi, S.Hamsa Yamini, P.Selvaraj, A.P.Nambi and S.Prathaban. 31st Annual Convention of Indian Society for Veterinary medicine (ISVM) & National Symposium on Advancing Veterinary	Details of courses handled	2011-2015 VAC 421- Veterinary Ambulatory Clinics – I (2008-09 Separate Semester Arrear Batch) 0+2 VCM 512 - Clinical Veterinary Medicine - Clinics – II 0+2 VCM 513 - Veterinary Ethics and Jurisprudence 1+0 VMD 411 - Veterinary Clinical Medicine – I (Two Course Teachers) 2+1 POST GRADUATE VCM 608 Clinical Diseases of Animal Species of Regional Importance(Elephants) 1+0 VCM 422 Clinical Veterinary		Publications (PEER REVIEWED)	https://scholar.google.com/citations?user=byvm_YMAAAAJ&hl=en	Books and Educational material: 1. “PET-RABBIT MEDICINE-A VETERINARY PRACTITIONER’S GUIDE” AUTHORS: Dr. M.G.Jayathangaraj, Dr.M.Palanivelrajan, K.Senthilkumar, A.Prathipa, D.Sumathi and P.Pothiappan Electronic guides Prepared 1. Case studies in ultrasonography 2. Ultrasonographic Findings in Small Animals (AUTHORS: Dr.D.Sumathi, Dr. K.Jeyaraja, Dr.M.G.Jayathangaraj) 3. Avian Medicine, (AUTHORS: Dr.M.Palanivelrajan, Dr.A.Shanmugasundaram, Dr.M.G.Jayathangaraj, Dr. S. Ramesh,

					<p>dermatology, India Member 3. Veterinary Council of India</p> <p>Medicine and its specialties for augmenting Productivity and Health Issues and strategies in Farm and Companion Animals" at College of Veterinary Science & Animal Husbandry, MPPCVV, Mhow (MP): 9th to 11th January 2013. Best Poster presentation Award 2010. "Intra abdominal Masses in dogs - A Preliminary Study " D.Sumathi , Priyanka, S.Vairamuthu, K.Jeyaraja, M.Chandrasekar, P.Selvaraj, P.S.Thirunavukkarasu, A.P.Nambi and S.Prathaban at the National Symposium on "Recent Developments in Diagnostic and Therapeutic approaches for economically important Diseases of livestock and Companion Animals" & 8th Annual Convention of Indian Society of Veterinary Medicine at Hyderabad P-180 Kerala Veterinary Science Congress 2018 , Indian Veterinary Association Kerala Kannur on 10 & 11.11.2018 : First Place- oral presentation - Early detection of Renal injury in Babesiosis;Varsha Mary Mathai, B. Nagarajan, D. Sumathi and Sabiha Hyathasha; Second Place in Poster Presentation Therapeutic protocols in the Treatment of Babesia gibsoni in Dogs; P. Ramesh, K. Jeyaraja, D. Sumathi, D. Chandrasekar, S. Vairamuthu,B. R. Prathaba and M.G.Jayathangaraj SVM 36th Annual</p>	<p>Medicine I(General and systemic) (Two Course Teachers) 0+2 VMD 511 Animal welfare, ethics and Jurisprudence 2+0 VMD 411 - Veterinary Clinical Medicine – I (Two Course Teachers) 2+1 VCM 512 - Clinical Veterinary Medicine - Clinics – II 0+2 VMD 421 Veterinary Clinical Medicine - II (Two Course Teachers) 2+0 POST GRADUATE VCM 609 Production diseases 2+0 VCM 610 Diseases of Animals caused by Toxicants 1+0 VMD 511 Animal welfare, ethics and Jurisprudence 2+0 VMD 411 - Veterinary Clinical Medicine – I (Two Course Teachers) 2+1 VCM 512 - Clinical Veterinary Medicine - Clinics – II 0+2 VMD 421 Veterinary Clinical Medicine - II (Two Course Teachers) 2+0 Post Graduate (Details enclosed VCM 609 Production diseases 2+0 VCM 610 Diseases of Animals caused by Toxicants VMD 411 Veterinary Clinical Medicine –I (Two course Teachers) 2+1 VMD 421 Veterinary Clinical Medicine - II (Two Course Teachers) 2+0 Post Graduate VMD (C) 607 Zoo, Wild, Laboratory Animal Medicine 2+0 VMD(C) 609 Production Diseases 2+0 Ph.D VCM 809 Advanced Clinical Practice-I 0+2 VMD 421 Veterinary Clinical Medicine – II (Two course teacher) 2+0 Post Graduate VMD (C) 607 Zoo, Wild, Laboratory Animal Medicine 2+0 1. VMD 411 - Veterinary Clinical Medicine - I (2+1) for 2012-13 batch & 2013-14 2. VMD 511 – Animal Welfare, Ethics and Jurisprudence(2+0) 2012-13 batch 3. VMD 513 – Pet Animal Breeding, Management, Nutrition and Health Care (1+1) Tracking Programme 1. Dermatology Tracking Programme</p>			<p>Dr.A.Prathipa, Dr.D.Sumathi) 4. Digital Illustrations of Skin-Lesions in Pet Animals (AUTHORS: Dr.D.Sumathi, Dr.B.Nagarajan, Dr.M.G.Jayathangaraj, Dr.M.Sandhya Bhavani 5. Venipuncture Procedures in Domestic and Wild Animals (AUTHORS: Dr.M.Palanivelrajan, Dr.A.Prathipa, Dr.A.Shanmugasundaram, Dr.M.G.Jayathangaraj, Dr.S.Kavitha, Dr.D.Sumathi, Dr.H.Vijayakumar, Dr.P.Pothiappan)</p>
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					<p>Convention & National Symposium on Animal Health Service – The Priorities of the Professionals for Enhancing Farmers' Income</p> <p>CVSC,OUAT on 1-3 February 2018 : Second Place for research paper on “ Hunting for barrier Damage and protozoans in CSF of epileptic Dogs” in Technical session on Companion Animal Infectious Diseases; M.Ranjith Kumar, R.Jasmin, M.B.thilagar, D.sumathi, P.Azhagianambi and M.G.jayathangaraj; Third Place for research paper on Ultrasonography Evaluation of abdominal tumours in dogs- a retrospective study” in Technical session on advanced Diagnostic Medicine, Biomedical Engineering and Biotechnology; A..Mahadimane, D.Chandrasekaran, D.Sumathi, M.Pazhanivel, and S.Prathaban; Third Place for research paper on Changes in Zinc and Copper Concentrations in Blood of canine Demodicosis in Technical sessions on Companion animal infectious diseases; D.Sumathi, S.M.Akshatha, R.Ramesh, M.Sandhya Bhavani, Juripriya Brahma and B. Nagarajan ; Second Place for research paper on Clinicopathological and echocardiographic evaluation of pleural effusions in 10 dogs with underlying cardiac Diseases” in Technical session on Companion Animal Non-Infectious Diseases; Mohammed Ismail,A.L, S.Kavitha,</p>	<p>2. Feline Tracking Programme Study Circle</p> <p>1. Law in Veterinary Science</p> <p>PG Courses:</p> <p>VCM 610 Diseases of Animals Caused by Toxicants(1+0) 2015</p> <p>VCM 615 Clinical Practice II (0+3) 2015-16</p> <p>VMD (C) 607 Zoo, Wild, Laboratory Animal Medicine (2+0) 2015-16 batch</p> <p>VMD (C) 609 Production Diseases(2+0) 2015-16 & 2016-17 batch</p> <p>VMD (C) 809 – Advances in Clinical Practice –I (0+2) 2015-16 & 2016-17 batch</p> <p>PG diploma:</p> <p>Post graduate diploma in Small Animal Dermatology</p> <p>1. DER 708 Ear Diseases and Regional Dermatitis</p> <p>Post graduate diploma in Small Animal Emergency and Critical care</p> <p>1. ECM 702 Shock and hematological emergencies</p> <p>2. ECM 707 Fluid Therapy and Transfusion Medicine</p> <p>Post graduate diploma in Small Animal Diagnostic Ultrasound</p> <p>1. DUS 703 Ultrasonography of Liver, Spleen and Pancreas</p> <p>2. DUS 707 Ultrasound guided biopsy techniques 2016</p> <p>1. VMD 411 - Veterinary Clinical Medicine - I (2+1) for 2013-14 batch</p> <p>2. VMD 511 – Animal Welfare, Ethics and Jurisprudence(2+0) 2012-13 batch</p> <p>3. VMD 512 – Wild Animal Breeding, Management, Nutrition and Health Care (1+1)</p> <p>4. VMD 421 – Veterinary Clinical Medicine - I (2+1) for 2013-14 batch</p> <p>Tracking Programme</p> <p>1. Dermatology Tracking Programme 2014-15</p> <p>Study Circle</p> <p>1. Law in Veterinary Science 2014-15</p> <p>2. Canine Study Circle 2015-16</p> <p>PG Courses:</p> <p>VMD (C) 607 Zoo, Wild, Laboratory Animal Medicine (2+0) 2016-17 batch</p> <p>VMD (C) 809 – Advances in Clinical Practice –I (0+2) 2016-</p>			
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					<p>D.Chandrsekaran, D.Sumathi, S.Vairamuthu, M.G.jayathangaraj and S.Prathaban SVM 36th Annual Convention & National Symposium on Animal Health Service – The Priorities of the Professionals for Enhancing Farmers’ Income CVSC,OUAT on 1-3 February 2018 : Second Best Poster Presentation – Renal Dialysis- A novel Biomarker in the Diagnosis of canine Kidney disease. Ramesh, P., Thirumurugan, K.G., Sumathi, D., Chandrasekar, M and Sudhakar Rao, G. V., Third Best Oral Presentation – Scaly Leg in budgerigars (<i>Melopsittacus undulatus</i>). Palaniverrajan,M., Sreekumar,C.,Sumathi D., and Pothiappan,P. Dr. D. Sumathi – SVM, 2019 – Appreciation award at 37th ISVM, Bikaner, Rajasthan 1. First Best Poster Presentation - M. Chandrasekar, D. Sumathi, M. Balagangatharathilaga M.G. Jayathangaraj & G.R. Baranidharan for the paper use of indigenous cartridges in the treatment of renal failure dogs at 37th ISVM, Bikaner, Rajasthan 2. First Best Oral Presentation – M. Chandrasekar, D. Sumathi, M.B.Thilagar, K.G.Thirumurugan, N. Palanivel, S. Vairamuthu, M.G. Jayathangaraj & S. Esther for the paper Screening of Band T cell lymphoma in canine and its chemotherapeutic response at 37th SVM, Bikaner,</p>	<p>17 batch PG diploma: Post graduate diploma in Small Animal Dermatology 1. DER 708 Ear Diseases and Regional Dermatitis Post graduate diploma in Small Animal Emergency and Critical care 1. ECM 702 Shock and hematological emergencies 2. ECM 707 Fluid Therapy and Transfusion Medicine Post graduate diploma in Small Animal Diagnostic Ultrasound 1. DUS 703 Ultrasonography of Liver, Spleen and Pancreas 2. DUS 707 Ultrasound guided biopsy techniques PG Diploma in Wild Animal Disease Management 1. WLS 706 Wildlife Medicine – Mammals 2017 and 2018 1. VMD 512 – Course Co- ordinator -Wild Animal Breeding, Management, Nutrition and Health Care (1+1) for 2013-14 batch 2. VMD – 421 – Metabolic and Deficiency Diseases (2+0) – 2014-15 Tracking Programme Dermatology Tracking Programme Co-Ordinator 2015- 16 batch 2015-16 Co-coordinator 1. Feline tracking Programme Co-ordinator 2016- 17 & 2015-16 Study Circle *Canine study circle 2014-15 and 2016-17 Co-Adviser * Law in Veterinary Science study circle 2014-15 & 2015-16 Co-Adviser PG /Ph.D Courses: VMD (C) 607 - Zoo, Wild, Laboratory Animal Medicine (2+0) 2017 -18 batch VMD (C) 609 Production Diseases 2+0 2017-18 VMD (C) 805 Advances in Production Diseases 2+0 2017- 18 VMD (C) 809 Advances in Clinical Practice –I 2017-18 VMD (C) 608 Clinical Diseases of Animal Species of Regional Importance 1+0 2018-19 PG diploma Regular: ECM 705Gastrointestinal emergencies 2+0 2018-19 PG Diploma Distance Mode: Post graduate diploma in Small</p>			
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					<p>Rajasthan 1. First Best Poster Presentation – M. Ranjithkumar, K. Sreyaraja, P. Thirunavukkarasu, D. Sumathi, M.G. Jayathangaraj for the paper Identifying the microbiota in Enrofloxacin relapsing cystitis dogs at 37th SVM, Bikaner, Rajasthan 2. Dr. D. Sumathi, Guide for The student who obtained First Place: M. Shanmugasundaran, Medical Management of idiopathic chylothorax in a dog, 11th Clinical Case Conference conducted at MVC, Chennai, 30.8.19, 31.8.19 3. Dr. D. Sumathi, Guide for The student who obtained Second Place: Kaviratna Ramachandran, Pemphigus foliaceus in a dog and its management, ANUVAS 1st Intra University Students Clinical Case Conference 2019 conducted at VC&RI, Orathanadu, 15.04.2019 4. Best Clinical Article award by INTAS Polivet: P. Barathan, D. Sumathi, A.P. Nambi, Cardiac troponin: A Cardiac biomarker for point of care testing in acute heart failure syndrome in canines, Intas Polivet, 19(2), 315-318, 4.47</p>	<p>Animal Diagnostic Ultrasound 1. DUS 703 Ultrasonography of Liver, Spleen and Pancreas 2. DUS 707 Ultrasound guided biopsy techniques PG Diploma in Wild Animal Disease Management 1. WLS 706 Wildlife Medicine – Mammals 2019 VCM – 608 Clinical Diseases of Animal Species of Regional importance M.V.Sc 2017-18 Course teacher VCM – 611 Veterinary Forensic Medicine M.V.Sc 2017-18 Course teacher VCM – 608 Clinical Diseases of Animal Species of Regional importance M.V.Sc 2018-19 Course teacher ECM 705 Gastrointestinal Emergencies PG Diploma 2018-19 Course teacher VMD – 411 – General and Systemic Medicine 2015-16 Course teacher VMD – 421 – Metabolic and deficiency Diseases 2015-16 Course teacher Canine study circle 2015-16 Advisor Law in Veterinary Science study circle 2015-16 Co-Advisor Feline Medicine – Tracking 2016-17 Co-ordinator Dermatology -Tracking 2016-17 Co-ordinator</p>			
			Research	13		<p>E-modules prepared</p> <p>One e-Course Development for TVCC under ICAR-NAIP - Medicine Section E-Content Developer of PG Diploma – content updation Post graduate diploma in Small Animal Dermatology 1. DER 708 Ear Diseases and Regional Dermatitis Post graduate diploma in Small Animal Emergency and Critical care 1. ECM 702 Shock and hematological emergencies 2. ECM 707 Fluid Therapy and Transfusion Medicine Post graduate diploma in Small Animal Diagnostic Ultrasound 1. DUS 703 Ultrasonography of Liver, Spleen and Pancreas 2. DUS 707 Ultrasound guided biopsy techniques PG Diploma in Wild Animal</p>			

								Disease Management (PGDWADM) 1. WLS 706 Wildlife Medicine – Mammals					
			Extension	13				Research Guidance	M.V.Sc	Ph.d	Others	Projeccts	
								Chairman	5	1	6	Completed	Ongoing
								Member	5	2	5	i) Evaluation of Efficacy of Myconil Plus in Certain Infectious Infectious Dermatoses in Dogs Co-Principal Investigator Rs.50,000/- M/s ALVED PHARMA & FOODS PVT. LTD. Chennai ii) Clinical Trials of Megavac 7 and Megavac 9 vaccines in dogs Co-Principal Investigator Rs.1.95 lakhsM/S. Indian Immunologic als Pvt. Ltd. iii) Student Projects (2013-2014) Clinico – Toxicological studies on the impact of plastics on ruminant health vis-à- vis human health - Tamilnadu State Council for Science and Technology DOTE Campus, Chennai - 600 025	

Dr.H.VIJAYAK UMAR	Assistant Professor	Ph.D	Teaching	6	*Life member of Indian Society for Veterinary Medicine * Life member Indian Society for Veterinary Cardiology	* Received ISVM appreciation award for he year 2012. Recipient of ICAR JRF 2008 – 2010 for M.V.Sc. Awarded ICAR SRF - 2010 for Ph.D. programme. Recipient of INTAS leomec Project Shiksha Scholarship – 2007. Best Poster award at 9th annual onvention of ISVM eld at Mumbai, Feb2011. Best paper award at 1st annual onvention of ISVM eld at Mhow, anuary2013.	Details of courses handled	VMD 411, VMD 421, VMD 511, VCP 411, VCP 511			Publications (PEER REVIEWED)	20 https://scholar.google.com/citations?hl=en&user=obwWLSIAAAAJ&view_op=list_works&gmla=AJsN-F7eCuPYyS8GRhpU1jOaYGVvioFv84xm6cweY3XRgVmHw916zd6bpS2kguBRrw4zdAXmeU__wxVYDMx-yD789aath9yBIQ	
			E-modules prepared	Digital guide on nasogastric intubation in Equines, Venipuncture procedure in domestic and wild animals, Thoracocentesis in Canine practice									
			Extension	10			Research Guidance	M.V.Sc	Ph.d	Others	Projeccts		
							Chairman				Completed	Ongoing	
							Member						

Name of the department : Veterinary Preventive Medicine

Name of faculty	Designation of the faculty	Highest Qualification	Related work experience in field (in years)		Membership in professional bodies, certified courses, fellowship, diplomates in specialized boards (details)	Honours and awards	Continuous documented excellence in teaching				Other demonstrated competencies (publications, projects handled)		Achievements – effective teaching and learning outcomes (write salient achievement only as bullet points)
T Devi	Assistant Professor	M.V.Sc	Teaching	5	IJVASR Kalnadai Kathir SciTSA TANUVAS Alumni association Tamil society for Veterinary Sciences Society of Extension Education Indian association for the Advancement of Veterinary Parasitology	0	Details of courses handled	Preventive Veterinary Medicine I (Bacterial , Rickettsial and fungal Diseases) (2+0) -3 times Preventive Veterinary Medicine II (Viral and Parasitic Diseases) (2+0) - 4 times			Publications (PEER REVIEWED)	15	0
			E-modules prepared	0									
			Research	1			Research Guidance	M.V.Sc	Ph.d	Others	Projeccts		
			Extension	0.5			Chairman	0	0	0	Completed	Ongoing	

							Member	0	0	0	1	0	
B.Nagarajan	Professor and Head	Ph.D	Teaching	20	10	20	Details of courses handled	30			Publications (PEER REVIEWED)	60	Expert in small animal dermatology
			Research	6			E-modules prepared						
			Extension	2			Research Guidance	M.V.Sc	Ph.d	Others	Projeccts		
			Chairman	10			4	0	Completed	Ongoing			
			Member	22			10	0	0	0			
			H.PRABHAVATHY	Assistant Professor			M.V.Sc	Teaching	6	Veterinary Council of Tamilnadu, IJVASR	1	Details of courses handled	
Research	0	E-modules prepared											
Extension	0	Research Guidance	M.V.Sc		Ph.d	Others		Projeccts					
Chairman	0	0	0		Completed	Ongoing							
Member	0	0	0		0	0							
K. Shoba	Professor	Ph.D	Teaching		14	*Tamilnadu Veterinary council *Member Indian society for Veterinary Immunology and Biotechnology		1.Young women scientist award for the year 2001 in veterinsy science from science city Chennai. . Best poster presentation in the international conference conducted on June 2006 at MVC . Dr.C.K velayutham fair memorial medal . Dr.P.Swaminathan yer memorial prize . Dr.O.P. Gowtham nedal . S.K . Mayilsamy ounder Prize . TANUVAS alumni association gold medal	Details of courses handled			Undergraduate and Post graduate courses	
Research			18	E-modules prepared									
Extension			5	Research Guidance	M.V.Sc		Ph.d		Others	Projeccts			
Chairman			6	0	0		Completed		Ongoing				
Member			2	0	2		3		0				

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Name of the department : Veterinary Gynaecology and Obstetrics

Name of faculty	Designation of the faculty	Highest Qualification	Related work experience in field (in years)		Membership in professional bodies, certified courses, fellowship, diplomates in specialized boards (details)	Honours and awards	Continuous documented excellence in teaching			Other demonstrated competencies (publications, projects handled)		Achievements – effective teaching and learning outcomes (write salient achievement only as bullet points)
N.Arunmozhi	Assistant Professor	Ph.D	Teaching	13	<ul style="list-style-type: none">Life Member of Indian Society for Study of Animal Reproduction, Treasurer in Tamil Nadu Local Chapter,Life Member of Tamil Nadu Veterinary CouncilLife Member of Tamil SocietyMember in Alumni Association, Rajiv Gandhi Institute of Veterinary Education and Research	<ul style="list-style-type: none">Institutional fellowship for Ph.D. at VRIGuided under graduate and post graduate students for their clinical case conference since 2011 and around 20 students have won awardsGuided different post graduate students for their research and clinical presentationsPart conferences held by society of Animal Reproduction and other societies from 2013 and around 15 students have won awardsReceived best poster and best oral presentations at Animal Reproduction conference during 2014 and 2019		Details of courses handled UG Sl. No. Year Course No Theory / Practicals Credit Hours 1. 2009 VOG 422 Practicals 2+1 2. 2010 VOG 512 Practicals 1+1 3. 2011 VOG 512 Practicals 0+2 VAC 511 Practicals 0+2 4. 2012 VGO 421 Theory 2+0 5. 2013 VGO 411 Theory 2+1 VAC 511 Practicals 0+2 6. 2014 VAC 411 Theory 0+2 VAC 511 Practicals 7. 2015 VGO 411 Theory 2+1 8. 2016 VGO 411 Theory 2+1 9. 2017 VGO 411 Theory/Practicals 2+1 10. 2018 VGO411 Theory 2+1 11. 2019 VGO411 Theory 2+1 12. 2020 VGO411 Theory 2+1 PG Sl. No. Year Course No Theory / Practicals Credit Hours 2013 VOG 607 Practicals 0+3 2014 VOG 607 Practicals 0+3 2015 VOG 603	Publications (PEER REVIEWED)	20	Power points for different courses handled for different topics	

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											synchronizati on using low cost and indigenously developed progesterone implant at Pallacode and Pennagaram blocks of Dharmapuri District • Antilu teolytic strategies- a recent approach for augmentation of fertility in repeat breeding cow NPCBB- Implementati on of open nucleus breeding system through multiple ovulation and embryo transfer		
Dr.U.S.KALYA AN	Assistant Professor	M.V.Sc	Teaching	0.5	Indian SOciety for study in Animal Reproduction Agricultural Tamil Society	S.N.Luktuke Best extempore award Clinical Case Presentation in International Symposium - First Prize	Details of courses handled	Veterinary Gynaecology - VGO 411			Publications (PEER REVIEWED)	4	
			E-modules prepared	Nil									
			Research Guidance	M.V.Sc			Ph.d	Others	Projeccts				
			Chairman	0			0	0	Completed	Ongoing			
			Member	0			0	0		Nutritional and Physiological interventions to ameliorate infertility in animals			
			Extension	2.5									

Dr.K.Krishnakumar	Professor and Head	Ph.D	Teaching	23	<p>The Indian Society for Study of Animal Reproduction The Society of Animal Physiologist of India TANUVAS Alumni Association</p> <p>a. TANUVAS-Maruthamuthu Mariyayee best teacher award – 2018 received on 10.11.2019</p> <p>b. International : Best paper presentation award : 10</p> <p>c. National : Best paper presentation award : 03</p> <p>d. TANUVAS : Best Paper presentation award : 02</p> <p>e. Appreciation certificate received from Lions club, TAFE, and SBI : 03</p>	<p>Details of courses handled</p> <p>I. Under Graduate Education</p> <p>a. Veterinary College and Research Institute, Namakkal (1996-2008)</p> <p>1 CT OGY 410 Clinical Training 0+1 1992-93</p> <p>2 OGY 520 Hospital Training 0+1 1990-91</p> <p>3 OGY 521 Reproductive disorders in farm animals 2+1 1990-91</p> <p>4 OGY 412 Andrology 1+1 1990-91</p> <p>5 OGY 413 Physiology of gestation 1+1 1990-91</p> <p>6 OGY 511 Parturition and post parturient complications of farm animals 2+1 1990-91</p> <p>7 CT OGY 410 Clinical Training 0+1 1992-93</p> <p>8 CT OGY 410 Clinical Training 0+1 1993-94</p> <p>9 OGY 521 Reproductive disorders in farm animals –Arrear batch 2+1 1990-91</p> <p>10 CT OGY 410 Clinical Training 0+1 1994-95</p> <p>11 OGY411 Patterns of reproduction in female and male farm animals 2+1 1994-95</p> <p>12 CT OGY 420 Clinical Training 0+1 1994-95</p> <p>13 CT OGY 410 Clinical Training 0+1 1995-96</p> <p>14 OGY 411 Patterns of reproduction in female and male farm animals 2+1 1995-96</p> <p>15 CT OGY 420 Clinical Training 0+1 1995-96</p> <p>16 CT OGY 420 Clinical Training 0+1 1996-97</p> <p>17 OGY 421 Parturition and post parturient complications of farm animals 2+1 1996-97</p> <p>18 CT OGY 410 Clinical Training 0+1 1997-98</p> <p>19 OGY 411 Patterns of reproduction in female and male farm animals 2+1 1998-99</p> <p>20 CT OGY 510 Clinical Training 0+1 1997-98</p> <p>21 OGY 421 Parturition and post parturient complications of farm animals 2+1 1998-99</p> <p>22 OGY 421 Parturition and post parturient complications of farm animals 2+1 1999-00</p>	<p>Publications (PEER REVIEWED)</p>	65	<p>As Associate Professor at VC&RI Namakkal (2003-2008)</p> <p>Prepared Video Cassettes and Compact Disc in step and stage wise procedures to attend a case of dystocia, uterine prolapse, foetotomy, caesarean section and embryo transfer technology for under graduate and post graduate teaching.</p> <p>Wall mounted charts on different gynaecological and obstetrical problems for the benefit of undergraduate and postgraduate students, Veterinary College and Research Institute, Namakkal.</p> <p>Collection of specimen from local slaughter house and clinical cases developed a "museum" in the Department of Animal Reproduction, Gynaecology and Obstetrics, VCRI, Namakkal.</p> <p>Establishment of exfoliative vaginal cytology unit at Hospital campus for optimizing the breeding efficiency in bitches at VCRI, Namakkal</p> <p>Import of “obstetrical instruments” from Denmark and purchase of “clay models of reproductive organs” for the Department of Animal Reproduction, Gynaecology and Obstetrics, Veterinary College and Research Institute, Namakkal</p> <p>Professor and Head, Department of Clinics, VCRI, Namakkal (10.07.2010 to 02.04.2012)</p> <p>The Clinical club was introduced to motivate the presentation skills of the Clinical staff members and students attending clinical cases</p> <p>Established Generator facility and RO water facility at the Hospital campus of VC&RI, Namakkal for the benefit of students and faculty</p> <p>Periodically conducted Anti – Rabies, infertility and mass contact programmes and world Veterinary Day celebrations to create awareness and knowledge among the students</p> <p>Audio Visual Aids were fixed in the Lecture Hall for initiation of effective presentation</p> <p>Established full fledged day and night Causality Unit in the Hospital Campus</p> <p>Established a novel approach of Modified Schaffer's method (Namakkal technique)</p> <p>ii. Professor and Head, TVCC, Orathanadu (23.06.2012 to 14.12.2012)</p> <p>Established the New Unit of TVCC at VCRI, Orathanadu and initiated the activities</p> <p>Steps were taken to take over the Hospital and Buildings from Animal Husbandry Department</p> <p>Involved in the establishment of Instructional livestock farm complex</p> <p>Involved in the establishment of bull mother farm.</p> <p>iii. Professor, Dept. of Vet. Gynaecology and Obstetrics, MVC, Chennai (15.12.2012 -</p>
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											<p>progesterone implant at backward blocks of Krishnagiri District SPC-SBGF Tamilnadu for Rs.26.49 Lakhs 2015-2017</p> <p>2</p> <p>Expe riential Learning on Veterinary Ambulatory Clinical Complex Animal Blood Banking (VACC-ABB)</p> <p>ICAR for Rs 99.05 lakhs from 8.11.2018 to 31.10.2019</p> <p>3</p> <p>Revo lving fund scheme on ICAR ELU on Veterinary Ambulatory Clinical Complex Animal Blood Banking</p> <p>ICAR for Rs 03.25 lakhs from 8.11.2018 - 31.10.2019</p> <p>4</p> <p>Induc tion of estrus with follicular fluid in anestrus buffaloes</p> <p>TNS CST for Rs 0.04 lakhs during 2001-2002</p> <p>5</p> <p>Effec t of Placentrex instead of GnRH/LH To augment</p>	dairy cattle	
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														fertility in repeat breeder crossbred cows	TNS	CST for Rs 0.05 lakhs during 2002-2003	b. PI for self financing project 6	Vaccination of Animals at VCRI, Namakkal	Self Financing scheme for Rs 05.95 lakhs during 2010 -12	Pet Vaccination unit at VUPH, Madhavaram Campus	Self financing scheme for Rs 06.16 lakhs from 8.11.2018 – 31.10.2019	c. PI for revolving fund scheme 8	Etablissement of Sales Counter for Livestock and Farm Products	TAN UVAS for Rs 1.10 lakhs during 18.8.2011-02.04.2012	c. Co-PI for External funded project 9	Eta blishing Nucleus Jersey Cross bred Bull – Mother Farm:
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											Namakkal district ICAR for Rs 11.16 lakhs during 2004-2007		
Dr. S. Rangasamy	Assistant Professor	Ph.D	Teaching	12	Indian Society for Study of Animal Reproduction	Dr Sharma award	Details of courses handled	VGO 411, 412 ,511 and VPC 411, 412, 511			Publications (PEER REVIEWED)	76	TANUVAS Torsion model Phantom box model developed
			Research	12			E-modules prepared	Nil					
			Extension	12			Research Guidance	M.V.Sc	Ph.d	Others	Projeccts		
							Chairman	0	0	0	Completed	Ongoing	
							Member		0	0	Completed Research Projects as Principal Investigator As PI details: 1 1. Augmenting fecundity rate in rabbit through induction of ovulation and Artificial Insemination, TANUVAS Corpus Fund, 1.0 lakh, 2013, One year Completed Research Projects as Co-Principal Investigator: 8 1. Validation of the pharmacological efficacy of Nandi Mezhugu, pretreatment with Kummati Mezhugu in preclinical	On-going Research Projects as Principal Investigator: 1 1. Augmenting reproductive and production potential through adoption of assisted reproductive techniques using sexed semen in dairy cattle, NADP, 2.12.2019 One year On-going Research Projects as Co-Principal Investigator: 1 1. Mass sterilization of dogs using single intravasal injection of functionalized polymers, DBT, 27.03.2018, Two year	

											<p>models of anovulation and its application in veterinary medicine for ovulatory disorders in cattle, Ministry of AYUSH, GOI, Three years</p> <p>2. Augmenting Fertility and Reproductive potential in buffaloes through Estrus Synchronization using low cost indigenously developed progesterone implant at Veppanapalli and Kelamangalam blocks of Krishnagiri district State Balanced Growth Fund, 26.03.2015, One year</p> <p>3. Conservation of native dog breeds of Tamil Nadu by preservation of frozen semen and Artificial Insemination, TNSCST, 04.07.2014, Two years</p> <p>4. Identification of fertility associated proteins in dog semen and artificial insemination with frozen semen in bitches, DBT, 26.03.2013, Three years</p>		
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										5 Establishment of Livestock Farm Entrepreneur s' Database and helpline for Tiruvallur District, TAN UVAS Corpus Fund, Two years ,2014		
										6 Gene tic Upgradation of Cattle and Buffaloes in Tamilnadu: Adoption of Oestrus Synchronizati on Technique to Improve Productive and Reproductive Potential-Phase II NAD P, One year, 24.09 .2011		
										7 NPC BB implementati on of Open Nucleus Breeding System through multiple ovulation and Embryo Transfer, TNL DA, One year, 10.11.2010		
										8 Gene tic Upgradation of Cattle and Buffaloes in Tamilnadu: Adoption of Oestrus Synchronizati on Technique		

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Name of the department : Veterinary Parasitology

Name of faculty	Designation of the faculty	Highest Qualification	Related work experience in field (in years)		Membership in professional bodies, certified courses, fellowship, diplomates in specialized boards (details)	Honours and awards	Continuous documented excellence in teaching				Other demonstrated competencies (publications, projects handled)		Achievements – effective teaching and learning outcomes (write salient achievement only as bullet points)
Dr.S.ARUNKU MAR	PROFESSOR	Ph.D	Teaching	20	Executive council member of Indian Association for Advancement of Veterinary Parasitology Life member of Indian Science Congress Association Life member of Veterinary Council of India	ICAR Junior Fellowship award IAAVP award for contribution in Veterinary Helminthology	Details of courses handled	UG Courses handled - 40 PG courses handled - 10			Publications (PEER REVIEWED)	45	Handled UG teaching for 20 batches of students Live parasites (in gross) were used for demonstration In situ Parasitic specimen were used for demonstration
			E-modules prepared	Prepared CD on life cycle stages of helminths, Arthropods and Protozoan parasites									
			Extension	20			Research Guidance	M.V.Sc	Ph.d	Others	Projeccts		
			Chairman	1			0	0	Completed	Ongoing			
			Member	2			0	0	-	-			
			S.T. Bino Sundar	Assistant Professor			Ph.D	Teaching	10	Life member in Indian Association for the Advancement of Veterinary Parasitology Member, Tamil Nadu Veterinary Council Member, Agricultural Scientific Tamil Society ICAR-Junior Research Fellowship for MVSc degree programme 2001-2002	Mrs.Saraswathy Anandan Memorial Best Ph.D thesis award for the Ph.D thesis at 27th NCVP held at Udaipur from 12th to 14th February 2018 Ms. Venky's (India) Ltd Gold medal for the best Ph.D thesis in the field of poultry genetics, poultry nutrition, poultry management, poultry disease prevention and in thesis connected with poultry as main field of research (2017) during the 20th convocation of TANUVAS held on 06.12.2018.	Details of courses handled	
Research	10	E-modules prepared											
Extension	1	Research Guidance	M.V.Sc	Ph.d	Others	Projeccts							
Chairman				Completed	Ongoing								
			Member				TANUVAS-NADP Project on "Genetic upgradation of cattle and buffaloes in Tamil Nadu – Adoption of oestrus synchronizati on technique	House fly control in livestock and poultry units using cross-vane sticky traps baited with pheromone impregnated in vapour patch- TANUVAS Sub project- Principal Investigator					

											to improve productive and reproductive potential"- 2010- Co- investigator University plan scheme on "Diagnosis of helminth zoonoses and control of acarines- April 1, 2010 to March 31, 2018- Co- Principal investigator Remote Integrated Systems for Controlling Nematodes using Emerging Technology for Both Resource- Poor and Commercial Farmers (RISC-NET)- 2010-2013- Co- Principal investigator Insecticidal effect of Azadirachta indica, Pongamia glabra and Madhuca longifolia extracts on Musca domestica (2013-2015)- TANUVAS Research Corpus Fund Project- Principal Investigator Control of Musca domestica in Poultry Research Station, Madhavaram using Integrated Pest Management strategies		
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										(2013-2014)- TANUVAS Personal Project- Principal Investigator Optimizing rotational grazing pasture management system in sheep (2015)- TANUVAS Personal Project- Co- Principal Investigator		
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Dr. R. Edith	Assistant Professor	Ph.D	Teaching	10	<ul style="list-style-type: none">Member-Indian Association for the Advancement of Veterinary Parasitology (IAAVP)Member-Tamil Nadu Veterinary Council (TNVC)Member-Indian Association of Meat Scientists (IAMS)	<ul style="list-style-type: none">Sri S. LakshmiNarayan memorial Prize- TANUAVS-1999Thiru SKM Maeilanandhan Prize- TANUAVS-1999Western Hatcheries Ltd. Gold Medal- TANUAVS-1999Pradyumna Kumar and Priti Rani Das Award- Innovative Research Award- IAAVP-2020	Details of courses handled	<ul style="list-style-type: none">VPA211 General Veterinary Parasitology and Helminthology 3+1VPA 221 Veterinary Entomology and Acarology 1+1VPA222 Veterinary Protozoology 2+1VLD411 Veterinary Laboratory Diagnosis 0+2VPA Veterinary Parasitology (Unit-III) 3+2	Publications (PEER REVIEWED)	<ul style="list-style-type: none">Harikrishnan, T. J., Edith, R., & Ponnudurai, G. (2008). Observations on Hepatozoon canis in Rhipicephalus sanguineus. Journal of Veterinary Parasitology, 22(2), 1-4.Edith, R., Godara, R., Sharma, R. L., & Thilagar, M. B. (2010). Serum enzyme and hematological profile of Fasciola gigantica immunized and experimentally infected riverine buffaloes. Parasitology research, 106(4), 947-956.https://doi.org/10.1007/s00436-010-1741-1Edith, R., Thilagar, M. B., Godara, R., & Sharma, R. L. (2010). Tropical liver fluke-induced stress in experimentally	Digital Learning Resource - Power point Presentations for Undergraduate courses in Veterinary parasitology
			Research	10			E-modules prepared				

									<p>infected and immunised buffaloes. Veterinary Record, 167(15), 571-575. http://dx.doi.org/10.1136/vr.c4523</p> <ul style="list-style-type: none">• Edith, R., Godara, R., Thilagar, M. B., & Sharma, R. L. (2011). Alterations in serum enzyme profile of riverine buffaloes (Bubalus bubalis) experimentally infected with Fasciola gigantica. Journal of Veterinary Parasitology, 25(1), 50-55.• Edith, R., Sharma, R. L., Godara, R., & Thilagar, M. B. (2012). Experimental studies on anaemia in riverine buffaloes (Bubalus bubalis) infected with Fasciola gigantica. Comparative Clinical Pathology, 21(4), 415-419. https://doi.org/10.1007/s00580-010-1109-z• Edith, R., Godara, R., Sharma, R. L., & Thilagar, B. M. (2012). Fasciola gigantica induced adrenal dysfunctions and its patho-physiological significance in riverine buffaloes (Bubalus bubalis). Buffalo Bulletin, 31 (1), 51-62.	
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									<p>http://ibic.lib.ku.ac.th/e-bulletin/IBBU201201010.pdf</p> <ul style="list-style-type: none">• Edith, R., Gomathinayagam, S., Hemalatha, S., Roy, P., Balagangatharathilagar, M., & Pandian, C. (2015). Guinea Fowl Mortality Associated with Ascaridia numidae Infection. Int. J. Adv. Vet. Sci. Technol. 4 (1), 184-190. http://scientificcloud-journals.com/index.php/IJAVST/article/view/Sci-311• Edith, R., Harikrishnan, T. J., & Balagangatharathilagar, M. (2018). Targeted selective treatment (TST): A promising approach to combat anthelmintic resistance in farm animals. Journal of Entomology and Zoology Studies, 6(1), 844-847. http://www.entomoljournal.com/archives/2018/vol6issue1/PartL/5-6-187-664.pdf• Edith, R., Balagangatharathilagar, M., Gomathinayagam, S., & Roy, P. (2018). Incidence of Buxtonella sulcata Infection in cattle from organized and	
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									<p>unorganized dairy farms in Tamil Nadu. International Journal of Science, Environment and Technology, 7 (1), 133 – 137. http://www.ijset.net/journal/2023.pdf</p> <p>• Edith, R., Harikrishnan, T. J., Gomathinayagam, S., Kumarasamy, P., & Senthilkumar, T. M. A. (2018). Cytochrome b gene based molecular survey of Theileria annulata infection in cattle in Tamil Nadu, India. Journal of Entomology and Zoology Studies, 6(5), 2356-2359. http://www.entomoljournal.com/archives/2018/vol6issue5/PartAB/6-5-305-115.pdf</p> <p>• Edith, R., Harikrishnan, T. J., Ponnudurai, G., Gomathinayagam, S., Kumarasamy, P., & Senthilkumar, T. M. A. (2018). Molecular Prevalence of Theileria annulata in Cattle from Different Agroclimatic Zones of Tamil Nadu, India. Int. J. Curr. Microbiol. App. Sci, 7(10), 2225-2231. https://pdfs.semanticscholar.org/f439/9d99d05205a6c24c02fe5a30e</p>	
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											<div>e01d135b3b0.pdf</div> <ul style="list-style-type: none"> Hemalatha, S., Edith, R., Sreekumar, C., Sangaran, A., Gomathinayagam, S., Roy, P., & Ganesan, P. I. (2018). Histopathological detection of parasitic infections. Journal of Veterinary Parasitology, 32(1), 28-34. DOI: 10.5958/0974-0813.2018.00006.2 Hemalatha, S., Edith, R., Sreekumar, C., Gomathinayagam, S., Gopi, H., Roy, P., ... & Kumanan, K. (2018). Progressive light microscopic changes in chronic recurrent outbreaks of hepatic coccidiosis in domestic rabbits. Journal of Veterinary Parasitology, 32(2), 78-81. DOI : 10.5958/0974-0813.2018.00016.5 	
			Extension	10			Research Guidance	M.V.Sc	Ph.d	Others	Projeccts	
							Chairman			2	Completed	Ongoing
							Member				<ul style="list-style-type: none"> Surveillance and Management of Anthelmintic resistance for gastrointestinal nematodes in sheep- 	<ul style="list-style-type: none"> Development of Multiplex PCR assay for simultaneous detection of economically important tick borne haemoparasites

											Funded by Government of Tamil Nadu – Par II Scheme- Budget outlay 9.35 lakh- Scheme Code No.16086 (24.10.2011-31.03.2014) • Mole cular epidemiology of ticks and tick-borne disease, host resistance and development of novel pathogen vaccines – DBT- BBSRC, Gol Scheme- Budget outlay 89 lakh- Scheme Code No.22186 (01.10.2014-31.01.2018). • Folds cope for diagnosis of rumen acidosis and parasitic infections in Cattle- DBT- Gol Scheme- Budget Outlay- 8 Lakh	of cattle- TANUVAS Sub Project- Budget Outlay- 0.25 lakh	
N.JEYATHILAKAN	Professor	Ph.D	Teaching	20	Membership in Professional bodies: 1.Indian Association of Advancement of Veterinary Parasitology (IAAVP) 2.United Writers Association of India 3.Academy of Sciences for	Honors: 1.Fellow of United Writers Association of India 2. Fellow of Academy of Sciences for Animal Welfare Awards: 1.Shri. S.M. Ismail oration award for distinguished research	Details of courses handled	I.UG courses: Name of the Course taught No. of times and Duration 1.PAR- 311 - Veterinary Entomology and Acarology (3+1)1). 02.04.2001 to 11.09.2001 2). 06.11.2001 to 20.03.2002 2.VPA – 311 – Entomology and Acarology (1+1) 3).19.11.2002 to 27.03.2003 4).10.09.2005 to 04.02.2006			Publications (PEER REVIEWED)	75	1.Taught all UG courses of Veterinary Parasitology from the year 2000 to 2020 2.Taught 7 PG and 2 PG diploma courses 3. Guided one PG and acted as member for one Ph.D student of other University 4. Guided five UG students under TNSCST project and received awards 5. Acted as peer reviewer for problem based learning module developed in the department 6. Prepared UG manuals , lecture notes and PPTs

					<p>Animal Welfare 4.Tamil Nadu Veterinary Council 5. Indian Veterinary Association Fellowship: 1. ICAR- JRF 2.ICAR- SRF</p>	<p>contributions on parasitic helminthic diseases of animals 2.Smt. Nishamani Parija oration award for distinguished research contributions on zoonotic parasitic diseases 3.25th NCVP- MVC Mid-career Excellence Award for renowned works in the field of Veterinary Parasitology</p>	<p>5). 05.10.2005 to 18.02.2006 6). 29.08.2006 to 19.01.2007 7). 25-09-2007 to 16-02-2008 8). 28.09.2010 to 12.02.2011 3.VPA211 General Veterinary Parasitology (1+1) 9).17-09-2008 to 21-02-2009 10). 29.10. 2011 to 22.02.2012 4. VPA 221Veterinary Helminthology (2+1) 11).04-03-2008 to 19-07-2008 1 12).11.03 2010 to 17.07.2010 13). 11.03.2011 to 10.06.2011 5. VPA – 321 – Veterinary Protozoology (2+1) 14).19.02.2005 to 03.08.2005 15).01-02-2007 to 18-07-2007 6.VLD – 421 – Veterinary Laboratory Diagnosis (0+2) 16).05.06.2004 to 07.10.2004 7.VLD – 511 – Veterinary Laboratory Diagnosis (0+2) 17).02.11.2004 to 10.03.2005 8.VPA 211 General Veterinary Parasitology and Helminthology 18). 2012 – 13 Batch 19). 2013 – 14 Batch 20). 2014 – 15 Batch 21). 2015 – 16 Batch 9. VPA221 Veterinary entomology and Acarology 22).2013 – 14 Batch 23).2014 – 15 Batch 24). 2016- 17 SSA Batch 10.VPA 222 Veterinary Protozoology (2+1) 25). 29.12.2011 to 22.05.2012 26).2015 -16 Batch 27). 2016 -17 Batch 11. VPA Veterinary Parasitology (3+2) 28).2017- 18 Batch II. M.V.Sc courses : Name of the Course taught No. of times and Duration 1.VPA 608—Clinical Parasitological techniques (1+1) 1.2008-2009 batch 2. 2009- 2010 batch 2.VPA605 Parasitological</p>			
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										virulence proteins in Fasciola species for parasite control -Co-PI		
K.T.KAVITHA	Assistant Professor	Ph.D	Teaching	10	Member, Editorial board - TANUVAS News Letter and Cheithimadal	Dr.MAN Rao memorial award for scoring highest marks in Veterinary Parasitology in BVSc while studying MVSc course Awarded Mrs.Saraswathy Anandan award for the best PhD thesis entitled on Development and evaluation of recombinant ES antigen of Toxocara canis for serodiagnosis of toxocarosis	Details of courses handled	1. VLD 511 (0+2) – Laboratory Diagnosis – II Clinics (17.05.2011 to 30.09.2011) V B.V.Sc & AH, 2007-2008 - AB Batch 2. VPA 311 (1+1) – Entomology and Acarology (29.09.2011 to 24.02.2012) III B.V.Sc & AH, 2008-2009 Separate semester 3. VLD 421 (0+2) - Laboratory Diagnosis-I Clinics (17.05.2012-15.07-2012) B.V.Sc & AH, 2008-2009 CD batch. 4. VPA 221 (2+1) – Veterinary Helminthology - 2008-2009 (29.02.2012-13.7.2012) Separate semester arrear batch. 5. VLD 511 (0+2) - Laboratory Diagnosis-II Clinics (11.10.2012 -12.12.2012) B.V.Sc & AH, 2008-2009 AB batch 6. VPA221 (1+1) – Veterinary Entomology and Acarology (11-12 batch) from II B.V.Sc & AH from 04.01.2013 to 21.06.13 7. VPA 211 (3+1) (12-13batch)- Practical – General Veterinary Parasitology and Helminthology (06.09.2013 to17.01.14) 8. VPA222 (2+1) – Veterinary Protozoology (2012-2013 batch) for II B.V.Sc & AH from 30.01.2014 to 14.06.2014 9. VPA222 (2+1) – Veterinary Protozoology (2013-2014 batch) for II B.V.Sc & AH from 2.02.2015 to 19.06.2015. 10. VPA222 (2+1) – Veterinary Protozoology (2015-2016 batch) for II B.V.Sc & AH from 02.06.2017 to 06.10.2017	Publications (PEER REVIEWED)	14	Prepared Flash cards- 118 nos for Veterinary Protozoology as per UG course Prepared Flip book for Veterinary Protozoology as per UG course Prepared problem based learning on skin infestation in dog	

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											<ul style="list-style-type: none">Principal investigator in DST-SERB project on “Development of entomopathogenic fungal bio-formulations for the control of ticks” started from 21.08.2013 to 20.08.2016.		
Bhaskaran Ravi Latha	Professor and Head	Ph.D	Teaching	28	IAAVP	Dr.N.S.Ruprah memorial award of IAAVP, Tamil Nadu Scientists Award, Tamil Nadu State Council for Science and Technology	Details of courses handled	PAR 311 PAR 312 PAR 321 PAR 231 PAR 321 PAR 221 PAR 322 VPA 221 VPA 311 VPA 211 VPA 321 VPA 222 VLD 421 <ul style="list-style-type: none">VPA 603 – Arthropods as vectors and pathogens of livestock (3+1)VPA 607 – Trends in control of livestock and poultry parasites (1+1)VPA 603 – Veterinary Entomology and Acarology (2+1)-revised syllabusVPA 604 –Veterinary Protozoology (2+1)VPA 602 – Veterinary Helminthology IIVPA 606 – Clinical ParasitologyVPA 607 – Trends in control of livestock and poultry parasitesVPA 609 – Parasitic ZoonosesVPA 804 Advances in ProtozoologyVPA 807 Advances in Entomology and AcarologyVPA 715 Laboratory diagnostic technique in Parasitology	Publications (PEER REVIEWED)	119	Teaching 1. problem based learning modules 2. flash cards/digitized version 3.seeing is believing concept reinforced through digital display of lifecycles – use of television, Power point presentations Research 1. Technology transfer of a solar powered tick trap for control of dog tick		

			Research	28			E-modules prepared	Entomology and Acarology e module				
			Extension	0			Research Guidance	M.V.Sc	Ph.d	Others	Projeccts	
							Chairman	8	1	0	Completed	Ongoing
							Member	6	2	3	1.Developme nt of Anti tick vaccine 2.Fund for improvement of science and technology infrastructure in universities and higher education institutions 3.Molecular epidemiology of ticks and tick borne disease, host resistance and development of novel pathogen vaccines 4.Control of Coccidiosis : Eimeria brunetti a neglected but important pathogen of Chickens5 5.CIDLID Project on “Anticoccidial vaccine development: The importance of genetic diversity and delivery strategy 5.Plan scheme onTropical Bovine Theileriosis – Acarology 6. Plan scheme on Studies on coccidia of	1.One health approach for animal and public health to augment food safety and productivity

											fowls in Tamil Nadu 7. Plan scheme on Diagnosis of helminth zoonoses and control of acarines		
B. Rubinibala	Assistant Professor	M.V.Sc	Teaching	2.8	1. Life Member in Tamil Nadu Veterinary Council 2. Life Member in Agricultural Scientific Tamil Society (SciTSA), New Delhi 3. Life Member in Indian Association for the Advancement of Veterinary Parasitology 4. Tamil Nadu Veterinary and Animal Sciences University Teachers' Association 5. Life member in Tamil Society For Veterinary sciences 1. Awarded Rao Saheb Dr. M. Anant Narayan Rao Memorial Prize for securing highest mark in the subject Veterinary Parasitology during B.V.Sc in the year 2012 2. Dr. G. Ramanujachari Memorial award for securing highest marks in the subject Veterinary Parasitology during M.V.Sc in the year 2015 3. Won Best prize for the Student Science Project Oral Presentation on " Invitro evaluation of acaricidal properties of Acalypha indica (Kuppaimeni) against ticks infesting sheep” was awarded during the year 2015 conducted by Tamil Nadu State Council for Science and Technology, Chennai and held at Thanthai Periyar Government Institute of Technology, Vellore 4. Best Tamil research paper award on "Evaluation of acaricidal property of Acalypha indica (Kuppaimeni) against ticks infesting sheep" in the first National Conference held at Madras Veterinary College, Chennai during the year 2015	Details of courses handled	1. VPA 221 - Veterinary Entomology and Acarology (1+ 1) - 2015-16 Batch (Theory and Practical) at VCRI - Tirunelveli 2. Non credit course - Co-ordinator for Diagnostic study circle I -2016 - 17 Batch at VCRI - Tirunelveli 3. Non credit course - Co Co-ordinator for the Non credit Tracking programme on Dermatology/Integument Science - 2015-16 Batch - at VCRI - Tirunelveli 4. VPA 221 - Veterinary Entomology and Acarology (1+ 1) - 2016-17 Batch (Theory and Practical) - at VCRI - Tirunelveli 5. Non credit course - Co-ordinator for Diagnostic study circle II - 2016 - 17 Batch - at VCRI - Tirunelveli 6. VPA 221 - Veterinary Entomology and Acarology (1+ 1) 2017-2018 Batch at MVC - Chennai			Publications (PEER REVIEWED)	5 https://scholar.google.com/citations?hl=en&user=79KDyUoAAAAJ	NA	
			Research	2.8		E-modules prepared	NA						
			Extension	0		Research Guidance	M.V.Sc	Ph.d	Others	Projeccts			
						Chairman	0	0	0	Completed	Ongoing		
						Member	0	0	0	1 (Student Project Scheme)	0		

Dr.A.SANGAR AN	Professor	Ph.D	Teaching	24	<div>> Indian Association for Advancement of Veterinary Parasitology >World Association for the Advancement of Veterinary Parasitology >Indian Society for Veterinary Immunology and Biotechnology >Indian Association for Advancement of Veterinary microbial and infectious diseases > Indian Association for Veterinary Public Health Specialists > Indian Meat Science Association > Society for conservation of Animal Biodiversity > Tropical Council for Companion Animal Parasites (TroCCAP)</div>	<div>> CSIR Senior Research Fellow for PhD - 1995 > Dr J P Dubey Young Scientist Award for best presentation of M.V.Sc., Research Work - 1995 > Tamilnadu State Best N S S Programme officer - 2006-2007 >IAAVP - Nishamani Parija Oration Award for contribution in Parasitic Zoonoses - 2011 > IAAVP - Best Oral Presentation Award - 2010 > Best Oral Presentation Award in Global Public Health Conference in 2014 > IAAVP - Mid Career Excellence Award in Veterinary Parasitology 2018</div>	Details of courses handled	Under graduate >General Veterinary Parasitology > Veterinary Helminthology > Entomology and Acarology > Veterinary Protozoology > Veterinary Laboratory Diagnosis > Comprehensive Parasitology Post Graduate > Veterinary Helminthology > Veterinary Protozoology > Clinical Parasitology > Trends in diagnosis and control of parasitic diseases > Wild life parasitology > Immunoparasitology Ph.D > Advances in Veterinary Helminthology - I > Advances in Veterinary Helminthology - II > Application of GIS and remote sensing in Parasitic diseases > Advances in Veterinary Protozoology				Publications (PEER REVIEWED)	40	<div>> Making understanding the subject of Veterinary Parasitology by Slaughter house visits > Demonstration of routine diagnostic techniques in Veterinary Parasitology for field application > Extra classes for below average students > Teaching through Flip Cards and Flash cards in Veterinary Parasitology > Teaching based on creation of parasitic models > Case study discussion for better interaction and understanding</div>
			E-modules prepared	> Flash cards on Veterinary Helminthology > Flash cards on Veterinary Protozoology > Flip book on Veterinary Helminthology										
			Extension	2			Research Guidance	M.V.Sc	Ph.d	Others	Projeccts			
							Chairman	5	1	3	Completed	Ongoing		
							Member	3	0	2	University Plan Scheme on Diagnosis of helminth zoonoses and control of acarines	Nil		

Name of the department : Veterinary Public Health and Epidemiology

Name of faculty	Designation of the faculty	Highest Qualification	Related work experience in field (in years)	Membership in professional bodies, certified courses, fellowship, diplomates in specialized boards (details)	Honours and awards	Continuous documented excellence in teaching	Other demonstrated competencies (publications, projects handled)	Achievements – effective teaching and learning outcomes (write salient achievement only as bullet points)

M ASOKKUMAR	ASSISTANT PROFESSOR	Ph.D	Teaching	10	<div><div><div><div></div><div>Life member of Indian Society for Veterinary Epidemiology and Preventive Medicine.</div></div><div><div></div><div>Life member of Indian Society for Immunology and Biotechnology.</div></div><div><div></div><div>Life member of Indian Association of Veterinary Microbiologists, Immunologists and Specialists in Infectious Diseases.</div></div><div><div></div><div>Life member of Indian Association of Veterinary Public Health Specialists.</div></div><div><div></div><div>Life member of Indian Association of Veterinary Parasitology.</div></div><div><div></div><div>Life member of Laboratory Animal Scientists Association (LASA), India</div></div><div><div></div><div>Life member in Veterinary Internal and Preventive Medicine</div></div><div><div></div><div>FELASA certificate holder</div></div></div></div>	Dr Malcolm Adesheshaiah Gold Medal for best PhD thesis in Preventive Medicine, TANUVAS	Details of courses handled	o Under Graduate : Veterinary Public Health and Epidemiology (3+1) for 2017-18 batch , VPE 511 for 2015-16 batch and VMD 412 for 2016-17 batch o Post Graduate : VPH 601, VEP 601, VEP 808 and WLS 609			Publications (PEER REVIEWED)	4	Competent teaching with modules wherever necessary along with industry perspective and research potentials
			E-modules prepared	<div><div><div><div></div><div>Rabies</div></div><div><div></div><div>Tuberculosis</div></div><div><div></div><div>Brucellosis</div></div><div><div></div><div>Water Treatment methods</div></div></div></div>									
			Research Guidance	M.V.Sc	Ph.d		Others	Projeccts					
			Chairman	3	1		4	Completed	Ongoing				
			Member		1		3						

K. Porteen	Assistant Professor	PDF	Teaching	8	<div><div><div><div></div><div>1. Life Member - Indian Association of Veterinary Public Health Specialists</div></div><div><div></div><div>Outstanding presentation award in ICAR sponsored winter school organized by Kerala Veterinary and</div></div></div></div>		Details of courses handled	VPH 321-Meat Hygiene and Public Health (1+1) VPE 311-Milk and meat hygiene, food safety and public health (2+1) VPE 321- Veterinary Epidemiology and Zoonosis			Publications (PEER REVIEWED)	70 https://scholar.google.co.in/citations?user=qp_cO_gAAAAJ&hl=en	Prepared Laboratory Manuals for UG courses Course content developer for PG Diploma courses
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				2. Life Member - Indian association for the Advancement of Veterinary Research 3. Life Member - Indian association of Veterinary Microbiologist, Immunologists and Specialists in Infectious disease. 4. Life Member- Association of Meat Scientists and Technologists 5. Life Member- Indian Association for the Advancement of Veterinary Parasitology. 6. Life Member - Kalnadai Ariviyal Tamil Iyakkam	Animal Sciences University, Pookode in 2015 ☐ Awarded “Dr.SP Singh” for the best article in Journal of Veterinary Public Health 2010. ☐ Awarded “Best Poster Presentation Award" on the International symposium on 'Dairy Value Chain' held in Madras Veterinary College. ☐ Awarded “Best Poster Presentation Award" in International symposium on ‘Current Challenges and Translational research to augment animal reproduction’. ☐ First Prize for the best poster presentation in AMSTCON’2014. ☐ Best Oral Presentation Award in AMSTCON’2014. ☐ Best Oral Presentation Award in First National Conference on ‘Scientific Tamil’ at MVC, 2015. ☐ Best Poster Presentation Award in National seminar on Food: Safety, Health and Environment at MVC 2016 ☐ First prize in poster session under Antibiotic resistance session National Symposium on “Intersectoral Approaches to combat Zoonoses: Strategies and Challenges held from 11.10.2017 to 13.10.2017 at College of Veterinary Science, Tirupati, Andhra Pradesh. ☐ Second prize in poster session under Epidemiological surveillance of zoonotic diseases and disease ecology	(2+1) VPE 511- Environment and environmental hygiene (2+1) PG Education: VPH 601- Elements of Veterinary Public Health (1+1) VPH 603- Viral, Fungal and Parasitic agents of public health significance (2+1) VPH 604- Zoonosis and Public Health(2+1) VPH 605- Principles of food hygiene and Safety (2+1) VPH 606- Food borne Infections and Intoxications(2+1) VPH 607- Meat and Milk Hygiene (2+1) VPH 609-Fish, Fish products and sea food hygiene (1+1) VPH 803-Quality control of animal food products(2+1)					
	Research	8				E-modules prepared					
	Extension					Research Guidance	M.V.Sc	Ph.d	Others	Projeccts	
						Chairman	5	2		Completed	Ongoing
						Member	12	3	2	1 ICMR Scheme On“CROHN' S DISEASE IN INDIA: A MULTICENT ER STUDY FROM A COUNTRY WHERE INTESTINAL TUBERCUL OSIS AS WELL AS JOHNE'S DISEASE IS ENDEMIC”	1 "High Resolution Genome Based Tracing of Antimicrobial Resistance Escherichia coli in Pork Production Chain to identify the Critical Control Points: A One Health Systems Study"

					<p>at National Symposium on “Intersectoral Approaches to combat Zoonoses: Strategies and Challenges held from 11.10.2017 to 13.10.2017 at College of Veterinary Science, Tirupati, Andhra Pradesh</p> <p>□ Third prize in poster session under Environmental and Heath impacts session at National Symposium on “Intersectoral Approaches to combat Zoonoses: Strategies and Challenges held from 11.10.2017 to 13.10.2017 at College of Veterinary Science, Tirupati, Andhra Pradesh.</p> <p>□ Mahendra pal best oral presentation award at National Symposium on “Intersectoral Approaches to combat Zoonoses: Strategies and Challenges held from 11.10.2017 to 13.10.2017 at College of Veterinary Science, Tirupati, Andhra Pradesh</p>						
S.SURESHKA NNAN	Professor and Head	Ph.D	Teaching	16	<p>1) Life Member – Indian association for the Advancement of Veterinary Research (IAAVR)</p> <p>2) Life Member – Indian Association of Veterinary Microbiologist, Immunologist and Specialist in Infectious Diseases</p> <p>3) Life Member – Indian Veterinary Council</p> <p>4) Life</p>	<p>K.S.Nair Memorial Award – Best Research paper in IVJ</p> <p>Second Prize Awarded in Companion Animal Medicine- 6th International Clinical case Conference for Next Generation Veterinarians to Face Challenges in Clinical Practice held on 3rd and 4th, July, 2014, Organised by Directorate of Clinics, TANUVAS (M. Anitha, M.Balagangatharathi lagar and</p>	Details of courses handled	<p>BIF 608 Basic Molecular Biology 3+0</p> <p>BIF – 612 Computation and System Biology2+2</p> <p>VMC 221 Veterinary Immunology and Serology 1+1</p> <p>VLD 511 – Veterinary Laboratory Diagnosis 0+1</p> <p>VPE321: Veterinary Epidemiology and Zoonoses (2+1)</p> <p>VPE311: Milk and meat hygiene, food safety and public health (2+1)</p> <p>VPE 511 Environment and Environmental Hygiene (2+1)</p> <p>VPH602: Bacterial and rickettsial agents of public health significance (2+1)</p> <p>VPH603: Viral, fungal and</p>	Publications (PEER REVIEWED)	<p>23</p> <p>https://scholar.google.co.in/citations?user=7wBoAGwAAAAJ&hl=en</p>	<p>1. Laboratory manual for UG and PG</p> <p>2. Course content developed for PG Diploma course</p> <p>3.Mobile APP 2 Numbers</p> <p>4. Bioinformatics Tools learning Tutorials</p> <p>5. Bioinformatics Books (5 Nos) for PG students</p>

					Member – Life member –Animal Nutrition Association 5) Life member ISVM 6) Life Member Kalnadai Ariviyal Tamil Iyakkam	S.Sureshkannan		parasitic agents of public health significance (2+1) VPH604: Zoonoses and public health (2+1) VPH802 Emerging and Re emerging Zoonoses (2+1)				
			Research	16			E-modules prepared					
			Extension	4			Research Guidance	M.V.Sc	Ph.d	Others	Projeccts	
							Chairman	1	1	2	Completed	Ongoing
							Member			4	1.Screening for Protozoan Diseases in Febrile and Tick infested Animals of Cattles in Vellore District. 2.Consumers preference for meat milk and egg" 3. Screening of milk for brucellosis at Vellore District Co-operative milk producers Union Ltd., Vellore 4.Study on indigenous technologies followed by the farmers in Vellore District 5. Development of lateral kit for the diagnosis of bovine brucellosis 6. NABARD Project on “Developmen t of Mobile based	

KUMAR V	Assistant Professor	M.V.Sc	Teaching	6				Details of courses handled	VPP Systemic pathology VPP Special pathology VPP Clinical Pathology VPP Avian Pathology Veterinary Pathology Paper I Veterinary Pathology Paper II VCP Veterinary Clinical Practice			Publications (PEER REVIEWED)	35					
			Research	10					E-modules prepared									
			Extension	6						Research Guidance	M.V.Sc				Ph.d	Others	Projeccts	

R.Mahaprabhu	Assistant professor	M.V.Sc	Teaching	8	* Life time member of Indian Association of Veterinary Pathologists (IAVP)	NIL		Details of courses handled	VPP – 221 Systemic Veterinary Pathology 2+1 VPP – 311 Special Veterinary Pathology I 2+1 VLD – 411 Veterinary Clinical Biochemistry and Laboratory Diagnosis – I 0+1 VLD – 421 Veterinary Clinical Biochemistry and Laboratory Diagnosis – II 0+1 II Professional Year - 2017-18 batch VPP (4+2) II Professional Year - 2018-19 batch VPP (4+2)			Publications (PEER REVIEWED)	https://scholar.google.com/citations?hl=en&user=tRvyfykAAAAJ&view_op=list_works&gmla=AJsN-F7AFr5P62gK1YrJgm1Eb9LW15-GZovp2FzN4uazFfq7bHoD-2Z8gl_AeYE3Yiz_-AoswiX8yjM7YwZnyjHG33v7JsILtIj_QMnKLXhn8zfDBUyQO0	nil				
			Research	8					E-modules prepared	NIL								
			Extension	8						Research Guidance	M.V.Sc				Ph.d	Others	Projeccts	
								Details of courses handled	UG Courses • VPP 211: General Veterinary Pathology (1+1) • VPP 311: Special Veterinary Pathology (2+1)			Publications (PEER REVIEWED)	80. https://scholar.google.com/citations?user=af2Ln9AAAAJ&hl=en					
									E-modules prepared									
										Research Guidance	M.V.Sc				Ph.d	Others	Projeccts	

			<ul style="list-style-type: none">Life member of Indian Association of Veterinary Pathologists. (Online membership No IAVP/N-29/2002)Life member of Indian Poultry Science Association.Life member in Indian Science CongressTANUVA S Alumni associationLife member in Indian Society for Veterinary Immunology and Veterinary BiotechnologyLife member of Indian Association of Veterinary Parasitologists.	Indian Association of Veterinary Pathologists Dr.Ram Raksha Kiran Shukla award for the best M.V.Sc thesis for the year 2004. <ul style="list-style-type: none">The Indian Association of Veterinary Pathologists organizing secretary award for best Poster presentation for the year 2003.Recipient of Junior Research Fellowship-2001 (JRF) of Indian Council of Agriculture Research to do M.V.Sc. at Indian Veterinary Research Institute. (M.V.Sc degree certificate for proof)Recipient of Joint University Grants commission-Council of Scientific and Industrial Research (UGC-CSIR-JRF-NET) Junior Research Fellowship (JRF)-2003.Recipient of Indian Veterinary Research Institute (IVRI) - Senior Research Fellowship (SRF)-2004 for PhD. (Degree certificate for proof)Recipient of Indian Council of Agricultural Research-National eligibility test (ICAR-NET)-2004.Selected for ICAR-ASRB-Agricultural Research Scientist services in Veterinary Pathology in the year 2007Recipient of best participant award in the winter school on “Newer Concepts and Techniques in Molecular and Pathoanatomical Diagnosis of Farm Animals, Poultry,	<ul style="list-style-type: none">VPP 321: Avian Pathology (1+1)VPP 322: Aquatic Animal Diseases, Health Care and Management (1+1)VMD 411: Veterinary Clinical Medicine-I (General and Systemic) (2+1)VMD 421: Veterinary Clinical Medicine-II (2+0)VCP 421: Diagnostic Laboratory SectionVMD 512: Zoo/Wild Animal Breeding, Management, Nutrition and Health Care (1+1)VMD 513: Pet animal Breeding, Management, Nutrition and Health Care (1+1)VCP 511: Diagnostic Laboratory Section PG CoursesVPP 601: General PathologyVPP 602: Techniques in PathologyVPP605: Necropsy Procedures and Interpretation-IVPP 606 : Necropsy Procedures and Interpretation-IIVPP 610: Avian PathologyVPP 612: Veterolegal PathologyVPP 807: Advances in Avian Pathology					
		Research	10		E-modules prepared	0				
		Extension	3		Research Guidance	M.V.Sc	Ph.d	Others	Projeccts	
					Chairman	3	0	2	Completed	Ongoing
					Member	9	1	2	1	2

							Wildlife and Laboratory Animal Diseases” held at IVRI. • Awarded Ph.D., in the discipline of Veterinary Pathology by IVRI, Deemed University. • Awarded M.V.Sc., in the discipline of Veterinary Pathology by IVRI, Deemed University. • Indian Association of Veterinary Pathologists-Dr. B.S. Rajya Memorial Award-2013 for the Best Short/Rapid Communication entitled “Phylogenetic analysis of Classical Swine Fever Virus Genomes recovered from slaughterd pigs. Indian Journal of Veterinary Pathology., 37(1): 81-83, 2013 • Certificate of achievement awarded for superior achievement in medical school pathology 2015-2016 course • Orthopaedic surgery session Award-2018 Gold medal for oral presentation received from Indian Society for Veterinary Surgery						
DR.PAZHANIVEL NATESAN	PROFESSOR	Ph.D	Teaching	20	M.A.(Public Administration) PGDEVP DICVP FASAW Membership in professional Societies Tamil Nadu Veterinary Council 2. Indian Veterinary Association	Awards: International Level:8 National level:18 University Level:1 College Level: 1 Appreciation Certificate :5	Details of courses handled(Course number alone)	UG LEVEL: VPP 211,VPP 221,VPP311,VPP321,VLD 421,VLD 511 VPP VETERINARY PATHOLOGY (4+2) PG LEVEL VPP 602,603, VPP 609, VPP 607 VPP 804, VPP 807	Publications (PEER REVIEWED) Mention number and include links of google scholar/Publications/ResearchGate/Web of science etc.	International :45 National: 179 Total : 224 Google scholar link	✓ Teaching aids created (other than power point slides)- CD prepared-3 ✓ E learning modules developed-1 ✓ Teaching Manuals (As first author only) -6 ✓ Teaching Manuals (others) -39 ✓ Text books and book chapters written- 34 ✓ Student voluntary Projects completed - 2		
			Research	20			E-modules prepared	VPP 311 SPECIAL VETERINARY PATHOLOGY					

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					Society (SciTSA) 17. Indian Society for Veterinary Medicine					31.8.2001) No. VA 19 VUTRC 102- Rs.5000- Principal Investigator 4. Student Voluntary Project on “Pathology of liver in sheep”- TANUVAS- Guide 5. Student Voluntary Project on “Pathology of Reproductive System in dogs”- TANUVAS- Guide			
R SAAHITHYA	GRADUATE ASSISTANT	M.V.Sc	Teaching	5	LIFE MEMBER OF IAVP TAMILNADU STATE VETERINARY COUNCIL LIFE MEMBER OF TAMIL SOCIETY FOR VETERINARY SCIENCES	BVSc - 8 medals MVSc - 5 medals	Details of courses handled	Assisted in the following courses VPP – 211 General Veterinary Pathology 1+1 VPP – 221 Systemic Veterinary Pathology 2+1 VPP – 311 Special Veterinary Pathology I 2+1 VPP – 321 Avian Pathology 1+1 VPP - 322 Aquatic Animal Diseases, Health Care and Management 1+1 VLD – 411 Veterinary Clinical Biochemistry and Laboratory Diagnosis – I 0+1 II Professional Year - 4+2 2017- 18 batch II Professional Year - 4+2 2018- 19 batch			Publications (PEER REVIEWED)	https://scholar.go ogle.com/citation s?user=ZKmkUu EAAAAJ&hl=en	NIL
			E-modules prepared	nil									
			Extension	5			Research Guidance	M.V.Sc	Ph.d	Others	Projeccts		
			Chairman	0			0	0	Completed	Ongoing			
			Member	0			0	0	0	0			
R.SRIDHAR	PROFESSOR	Ph.D	Teaching	28	Tamilnadu Veterinary Council, IAVP	International Travel Grant Award from National Oceanic Atmospheric Administration	Details of courses handled	Ph.D courses taken VPP 803 Advances in diagnostic pathology (1+2) VPP 804 Ultrastructural pathology (1+1) VPP 806 Pathology of important			Publications (PEER REVIEWED)	70	<ul style="list-style-type: none">After attending AAZV conference and speaking in the international group meeting initiated AAZV membership for Indians and it was approved this year.(2011)Invited Dr.Laura Richman and her team from USA to visit Madras Veterinary

					(NOAA) 2010 International Travel Grant Award Presented by American Association of Zoo Veterinarians 2008 One month Fellowship awarded by Smithsonian Institution 2008 Gold medal for best Ph.d thesis in Poultry	and emerging diseases of pets and livestock (1+1) VPP 890 Special problem (0+2) VPP 891 Doctoral seminar i (1+0) VPP 892 Doctoral seminar ii (1+0) Post graduate courses taken VPP 601 General pathology (2+1) VPP 602 Techniques in pathology (1+1) VPP 605 Necropsy procedures and interpretations-i (0+1) VPP 606 Necropsy procedures and interpretations-ii (0+1) VPP 607 Systemic pathology (2+1) VPP 608 Pathology of infectious diseases of domestic animals (2+1) VPP 609 Toxicopathology (2+1) VPP 610 Avian pathology (2+1) VPP 611 Pathology of laboratory animals, fish and wild animals (2+1) VPP 612 Veterolegal pathology (1+0) VPP 691 Master's seminar (1+0) VPP 699 Master's research (20) Undergraduate courses VPP – 211 General Veterinary Pathology 1+1 VPP – 221 Systemic Veterinary Pathology 2+1 VPP – 311 Special Veterinary Pathology I 2+1 VPP – 321 Avian Pathology 1+1 VPP - 322 Aquatic Animal Diseases, Health Care and Management 1+1 VLD – 411 Veterinary Clinical Biochemistry and Laboratory Diagnosis – I 0+1 VLD – 421 Veterinary Clinical Biochemistry and Laboratory Diagnosis – II 0+1 Currently new VCI syllabus Veterinary Pathology - All units			College in 2008 and to deliver lectures on Elephant Herpes Virus • Co –organizer for Wildlife International conference held in Feb 2010 held at Madras Veterinary College, Chennai. Was responsible in bringing 27 international resource persons/ participants from countries like USA, France, South Africa, England, Singapore and Australia. • Organized the pre- conference one day wildlife pathology workshop in Feb 2010 for zoo veterinarians conducted by Dr.Dalen Agnew and Dr.Tabitha Viner pathologists from USA • Initiated an annual International grant for 1000\$ for a Wildlife post graduate student taking up research work in Elephants from Elephant Care International, USA through Dr.Susan Mikota. Last year (2010) one student has been awarded the grant. • As Co – organizer was responsible for bringing Dr.Carlos Sanchez, zoo veterinarian from Chicago Zoo as the international resource person for the Immobilization Workshop held in January 2011 • Course director and organizer for a one month externship program for three biotechnology students – June 2011 • Course director and organizer for two externship students from USA in the month of June and July 2011. Arranged the program in such a way that they spent one week at wildlife sanctuaries • Part of Core Committee in organizing an Educational exhibition for school children and public as part of the World Veterinary Year celebrations. This attracted more than 50,000 people over a period of 4 days in July / August 2011. Helped in organizing the Wildlife Quiz for school children (one of the programs) • Organizing secretary for a Toxicologic Pathology national workshop held in October 2011 • Organizing Secretary (India) for a workshop on “Marine mammal Necropsy and Stranding response training to be held from 8th to 11th November 2011. This is in collaboration with National Oceanic and Atmospheric Administration (NOAA), USA • Organizing Secretary for Indian Association of Veterinary Pathologists National Conference to be held in December 2011. • Applied for the Indo US Fulbright specialist program and this has been awarded to Dr.Steven Divers, Professor of Zoological Medicine, Department of Small Animal Medicine and Surgery, College of Veterinary Medicine, University of Georgia, USA, to come and conduct a workshop on “ Pet and Wild bird medicine” in February 2012 (28th to March 12th)for zoo vets/ wildlife vets/ practitioners etc. Will be acting as the Organizing secretary for this program.		
			Research	25		E-modules prepared	0				
			Extension	20		Research Guidance	M.V.Sc	Ph.d	Others	Projeccts	
						Chairman	8	4	1	Completed	Ongoing

							Member	15	10	5	Studies on “Oncogenesis and etiopathology of Sinus tumor in bovines” Dept. of Pathology, Madras Veterinary College 1999 - 2002 Studies on Mycotoxins with special reference to immunoassay diagnosis and Pathology Efficacy of Plant extracts (Acalypha Indica, Melia Azadirachta, Pongamia Glabra) in the treatment of Canine Infectious Dermatitis	0	
Dr. GANNE VENKATA SUDHAKAR RAO	PROFESSOR AND HEAD	PDF	Teaching	30	MEMBERSHIP IN PROFESSIONAL BODIES LIFE MEMBER - INDIAN ASSOCIATION OF VETERINARY PATHOLOGISTS LIFE MEMBER - INDIAN SOCIETY FOR VETERINARY EPIDEMIOLOGY AND PREVENTIVE MEDICINE TAMIL NADU VETERINARY COUNCIL	YOUNG SCIENTIST AWARD - INDIAN SOCIETY FOR VETERINARY EPIDEMIOLOGY AND PREVENTIVE MEDICINE TANUVAS AWARD FOR 25 YEARS OF UNBLEMISHED SERVICE THE NATIONAL RESEARCH COUNCIL (USA) ASSOCIATESHIP	Details of courses handled	UG COURSES - GENERAL VETERINARY PATHOLOGY, SYSTEMIC PATHOLOGY, SPECIAL PATHOLOGY, AVIAN PATHOLOGY, CLINICAL PATHOLOGY PG COURSES - GENERAL PATHOLOGY, TOXICOLOGY, SYSTEMIC PATHOLOGY, NUTRITIONAL PATHOLOGY, FORENSIC PATHOLOGY, TECHNIQUES IN PATHOLOGY, NECROPSY TECHNIQUES PHD COURSE - ADVANCES IN AVIAN PATHOLOGY, ADVANCES IN DIAGNOSIS OF DISEASES, TOXICOPATHOLOGY, AVIAN PATHOLOGY			Publications (PEER REVIEWED)	50 ARTICLES : https://scholar.google.com/citations?view_op=list_works&hl=en&user=lf7Xv74AAAAJ	1. PREPARED TEACHING MANUAL FOR ASCAD TRAINING FOR FIELD VETERINARIANS 2. PREPARED TEACHING MANUAL FOR IAMWARM TRAINING FOR FIELD VETERINARIANS 3. PREPARED PRACTICAL MANUALS FOR UG AND PG TEACHING 4. ACQUIRED AUDIO VISUAL AIDS FOR THE DEPARTMENTS 5. ENHANCE THE NUMBER OF NECROPOLIS DEMONSTRATIONS FOR THE STUDENTS
			Research	21			E-modules prepared	0					

			Extension	20	FELLOWSHIP - THE NATIONAL RESEARCH COUNCIL (USA) ASSOCIATESHIP		Research Guidance	M.V.Sc	Ph.d	Others	Projeccts		
							Chairman	10	2	6	Completed	Ongoing	
							Member	12	8	2	1. NATIONAL RESEARCH COUNCIL PROJECTS ON CARCINOGENICITY AND CO-CARCINOGENICITY IN COAL MINE DUST AFFECTED LUNGS 2. SCHEME ON MYCOTOXINS	PRINCIPAL INVESTIGATOR FOR SELF FINANCE SCHEME : Referral Laboratory for Diagnostic Cytology and Histopathology	
M. Thangapandiyan	Assistant Professor	Ph.D	Teaching	10	1. Life member of Indian Association of Veterinary Pathologist 2. Life member of Indian Association of Veterinary Parasitologist 3. Life member of Indian Veterinary Council 4. Certified Course - MOOC on Education Technology	Best Posters and oral presentation awards	Details of courses handled	1. VPP 211 - General Veterinary Pathology 2. VPP 221 - Systemic Veterinary Pathology 3. VPP 311 - Special Veterinary Pathology 4. VPP 321 - Avian Pathology 5. New VCI Pattern - VPP - Unit I-VI 6. VPP 605 - Necropsy Procedures and Interpretations - I 7. VPP 608 - Pathology of Infectious Diseases of Domestic Animals			Publications (PEER REVIEWED)	44	1. Study material for New VCI syllabus 2. MCQ for TNPSC-VAS exams on Vet Pathology
		Research	7	E-modules prepared			nil						
		Extension	10	Research Guidance			M.V.Sc	Ph.d	Others	Projeccts			
				Chairman			2	0	0	Completed	Ongoing		
				Member			3	0	0	0	0		

Name of faculty	Designation of the faculty	Highest Qualification	Related work experience in field (in years)		Membership in professional bodies, certified courses, fellowship, diplomates in specialized boards (details)	Honours and awards	Continuous documented excellence in teaching			Other demonstrated competencies (publications, projects handled)		Achievements – effective teaching and learning outcomes (write salient achievement only as bullet points)						
M.Jayanthji	Assistant Professor	M.V.Sc	Teaching	2	<ul style="list-style-type: none">The Indian Veterinary JournalThe Indian Society for Study of Animal ReproductionTamilnadu State Veterinary CouncilTamil Society For Veterinary Sciences	Shri Ram Lal Agarwal Award for Advancement and Promotion of Animal Health Products	Details of courses handled	<ul style="list-style-type: none">No:03365/Edn.cell/C5/2017 dt: 07.12.17 office of the Dean, VPT 311 General & Systemic Pharmacology (2+1) Practical classes for 2015-16 (V Semester) CD batch-(2017).VPT 321 Veterinary Neuropharmacology (2+1) Practical classes for 2015-16 (VI Semester)-AB & CD batches - (2018)No:293/Edn.cell/MVC/2018 dt: 13.11.18 office of the Dean VPT 311 General & Systemic Pharmacology (2+1) classes for 2016-17 (V Semester)- CD batch-(2018).VLD 421(Veterinary Clinical Biochemistry and Laboratory Diagnosis) – II, 2015-2016 batch – Lr.No.778 / Edu.Cell / MVC / 2019, Office of the Dean, MVC,Chennai-7, dated :13.08.2019.No.894/Edn.Cell/MVC/2019,dated 29.10.2019, Office of the Dean, MVC,Chennai-7.Veterinary Pharmacology and Toxicology , 2017-2018 –AB batch			Publications (PEER REVIEWED)	<ul style="list-style-type: none">Vaginal mucous discharge-A mirror to reflect the health status of female reproductive organ. The Pharma Innovation Journal Dr.M.Sabapathi, Dr.N.Brindha & Dr. M.Jayanthi ,7(5),2018,331-332.Chronic hypocalcaemia due to continuous feeding of seed cover of field beans (Mochai or Hyacinth) - The Pharma Innovation Journal,Dr.M.Sabapathi, & Dr. M.Jayanthi ,7(7),2018,852-853.						
				Research										2	E-modules prepared	Power point preparation for UG class		
														Extension				
			Research Guidance	M.V.Sc			Ph.d	Others	Projeccts									
				Chairman						Completed	Ongoing							
				Member														

Dr. L. KALAISELVI	Assistant Professor	Ph.D	Teaching	9.9	Life member in Indian Society of Veterinary Pharmacology and Toxicology FELESA Category C Level Training on Certificate Course in Laboratory Animal Science	Received Dr. Ramachandran Memorail Young Scientist award for the research paper presented in IV Conference and National Seminar conducted by Indian Society for Nuclear Technology in Animal Sciences (ISNUTAS). One Research article abstracted in XV Best Poster award for the research article in Annual Convention of ISVPT on “Nutritional Pharmacology and Toxicology beyond Calories” held during January 14-16, 2016 at NDRI, Karnal	Details of courses handled	17 courses Autonomic and Systemic Pharmacology (2) General and Systemic Veterinary Pharmacology (3) Veterinary Neuropharmacology (4) Veterinary Chemotherapy (2) Veterinary Toxicology (5) Veterinary Clinical Biochemistry and Laboratory diagnosis (1)			Publications (PEER REVIEWED)	10 (https://scholar.google.com/citations?user=1EercTsAAAAJ&hl=en)	Course Content developer for the Veterinary Nursing Assistant Course (LI) for the course Veterinary Pharmacy and Compounding in Tamil Prepared Course materials for PG diploma course on Veterinary Ophthalmology
			E-modules prepared	NIL									
			Extension	0			Research Guidance	M.V.Sc	Ph.d	Others	Projeccts		
			Chairman	0			0	1	Completed	Ongoing			
			Member	0			0	0	One DST funded collaborative project on “Isolation and characterization of safer and potent antiviral components from few potential medicinal plants to effectively treat and control infections of Human Herpes Virus-1 (Herpes Simples Virus-1), Human Herpes Virus-2 (Herpes Simples Virus-2), Human Herpes virus-3 (Varicella Zoster Virus) by in vitro and in vivo studies	One Co-principal Investigator in ICAR funded Outreach programme on Livestock related Environmental pollutants, contaminants and toxicants (Monitoring of drug residues and environmental pollutants)			
Dr.S.P.Preetha	Assistant Professor	Ph.D	Teaching	12	<ul style="list-style-type: none">Life Member, National Society	<ul style="list-style-type: none">Best Young Scientist Award – 2019 – G.Monica, J.	Details of courses handled	Under Graduate <ul style="list-style-type: none">VPT 311 General and Systemic Pharmacology (2+1)VPT 321 Veterinary			Publications (PEER REVIEWED)	45 research publications - https://scholar.google.com/citation	

			<div>of Ethnopharmacology, India</div> <div><div>• Life Member (LM No. LP 394) of Indian Pharmacological Society</div><div>• Life Member, Association of Meat Scientists and Technologists</div><div>• Life time corporate member, Indian Society of Veterinary Pharmacology and Toxicology (ISVPT) (LM No. 161)</div><div>• Life member, Laboratory Animal Scientists Association</div><div>• Life member, Tamilnadu Veterinary Council (Registartion No. 4951 / 08.04.2011)</div><div>• PG Diploma in Ethno Veterinary Practices</div></div>	<div>Umamageswari, P.Sridevi, S.Balasubramanian, S.Rangasamy, K.Viswanathan and S.P.Preetha. - Oral Presentation in the scientific session of XXXV Annual Convention of the Indian Society for study of Animal Reproduction (ISSAR) and International Symposium on Global perspectives to enhance livestock fertility through modern reproductive techniques for doubling farmers income organized by the Department of Veterinary Gynaecology & Obstetrics, Veterinary College and Research Institute, Namakkal, TANUVAS.</div> <div><div>• Best poster presentation award – Anamika Vishwakarma, Preetha SP, Sriram P. Post Centenary Diamond Jubilee National Seminar on Recent Trends in Nanobiosensors organized by the Dept. of Inorganic Chemistry, University of Madras, Guindy campus, Chennai – 25 held in 2017.</div><div>• Best poster presentation award - M.Thangapandiyan, J.Selvaraj, S.P.Preetha, R.Gayathri Devi, Parimal Roy, S.Baegan and B.Murali Manohar. Mammary fibroadenomas in a Wistar rat colony (Rattus norvegicus). Second South Zone Conference of IAVP & National Symposium on “Pathobiology of Poultry and</div></div>	<div>Neuropharmacology (2+1)</div> <div><div>• VPT 411 Chemotherapy (2+0)</div><div>• VPT 421 Toxicology (2+0)</div><div>• VLD 421 Veterinary Clinical Biochemistry and Laboratory diagnosis (0+1)</div><div>• MSVE 2016 - Veterinary Pharmacology 4+1 Post Graduate</div><div>• VPT 601 General pharmacology (2+0)</div><div>• VPT 602 Autonomic and Autacoid Pharmacology (2+1)</div><div>• VPT 603 CNS Pharmacology (2+1)</div><div>• VPT 607 Chemotherapy (2+1)</div><div>• VPT 608 Toxicology of Xenobiotics (2+1)</div><div>• VPT 609 Toxicology of Plants and Toxins (2+0)</div><div>• VPT 610 Pharmacological Techniques (1+1)</div><div>• VPT 611 Techniques in Toxicology (1+1)</div><div>• VPT 612 Ethnopharmacology (2+0) Ph.D.</div><div>• VPT 801 Advances in Neuropharmacology (2+0)</div><div>• VPT 802 Autacoid Pharmacology (1+0)</div><div>• VPT 803 Pharmacology of Herbal Drugs (2+1)</div><div>• VPT 805 Molecular Pharmacology (2+0)</div><div>• VPT 806 Pharmacokinetics (2+1)</div><div>• VPT 810 Clinical Pharmacology 1+1</div><div>• VPT 813 Regulatory Toxicology (2+1)</div></div> <div><div>E-modules prepared</div><div>e-manual for Laboratory Animal Medicine</div></div>		<div>s?user=9FILZnkAAAAJ&hl=en&gmla=AJsN-F73mCj7predli6xU5r5yiuKOqa5bpQJDCDNs-WEZ27o9MXhXh-SmyuEYIOOxzBuc_lcVgBB9sE10mLZqKcKHPqlvtYA2epb1loXd1v0QvDu8VLYIsU&sciund=1311788743613236304</div>			
			<div>Research</div>	<div>12</div>						
			<div>Extension</div>	<div>12</div>		<div>Research Guidance</div>	<div>M.V.Sc</div>	<div>Ph.d</div>	<div>Others</div>	<div>Projeccts</div>
						<div>Chairman</div>	<div>4</div>	<div>2</div>		<div>Completed</div> <div>Ongoing</div>
						<div>Member</div>	<div>7</div>	<div>8</div>	<div>1</div>	<div>-</div> <div>1. Research project entitled “Validation of the safety and therapeutic efficacy of Poorana</div>

						Laboratory Animal Diseases” held between 5th and 6th March, 2010 • Best poster presentation award – M.Thangapandiyan, J.Selvaraj, R.Gayathri Devi, S.P.Preetha, S.Baegan and B.Murali Manohar. Reproductive pathologies in laboratory rodents. XXV annual convention of the Indian society for study of animal reproduction and International symposium on “Expanding the horizons of reproductive technologies for augmenting fertility in farm and pet animals in the global scenario” held between December 10 -12, 2009. • Recipient of Manitoba Health Research Council Award for Post Doctoral Fellowship in 2008 • Recipient of Indian Council of Medical Research Senior Research Fellowship • Recipient of Chief Guest Dr.A.L.Choudry Award for M.V.Sc for the best M.V.Sc student in the subject of Veterinary Pharmacology and Toxicology • TANUVAS Merit scholarship for M.V.Sc					chandirodayam in Dimethylhydrazine dihydrochloride induced colon cancer in rats” under EMR scheme of Ministry of AYUSH for Rupees Sixty Five Lakhs Twenty Eight Thousand Six Hundred and Seventy (Rs.65,28,670/-) 2. Gol – DBT - TANUVAS Canine Research Centre Project on “Mass Sterilization of dogs using single intravasal injection of functionalized polymers” – U.S.O.No. 50035/G2/2018 and Proc. No. 4340/G2/2018 of the Registrar, TANUVAS dated 18.04.18 for two years from 27.03.18 to 26.03.20 at a total cost of Rs.35.98 lakhs 3. TANUVAS subproject	
Dr. S. RAMESH	Professor	Ph.D.	Teaching	26	Senior Research Fellow ICAR for Ph.D. study Life member, Indian Society of		Details of courses handled(Course number alone)	VPT311, VPT 321, VPT 411, VPT 421, VPT 601, VPT 606, VPY 610, VPT 611, VPT 609, VPY 806, VPT 808	Publications (PEER REVIEWED) Mention number and include links	https://scholar.google.com/citations?user=Nfa39kUAAAAJ&hl=en 28 publications	<ul style="list-style-type: none">Developed Elearning module for BVSc and AH as a part of ICAR elearning schemeStandardized HPLC assay	

			Research	26	Veterinary Pharmacology and Toxicology Life Member, Labortaory Animal Scientists Association, INDIA		E-modules prepared	One (Course VPT 311 for BVSc and AH – General and Systemic Pharmcology as Elearning module)			of google scholar/Publ ons/Researc hGate/Web of science etc.		<div>procedures for various antibiotics to be used for research</div> <ul style="list-style-type: none">Using Pharmacokinetic tools, optimized the dosage regimen of seven antibiotics in chicken through drinking water as the troute of administrationOrganized FELASA accredited training Certificate Course in Laboratory Animal Sciences – first time in AsiaCompleted four research projects and currently one is ongoing
			Extension	5			Research Guidance	M.V.Sc	Ph.d	Others MFSc (ongoing)	Projects (Number and details)		
							Chairman	7	2	2	Completed	Ongoing	
							Member	12	2		4	1	
T RAMASAMY	Assistant Professor	Ph.D	Teaching	6	3	:2	Details of courses handled	UG - VPT 311 - General and Systemic Veterinary Pharmacology - 4: VPT-321- Veterinary Neuropharmacology - 6: VPT-411 - Chemotherapy - 4: VPT-421-Toxicology- 4: VLD-421-Veterinary Laboratory Diagnosis-4 PG - VPT-602-Autonomic and Autacoid Pharmacology-3: VPT-610-Pharmacological Techniques - 2: VPT-611- Techniques in Toxicology - 2: VPT-607-Chemotherapy-1: Ph.D: VPT-808- Immunopharmacology-1: VPT-811-Clinical Toxicology-1:			Publications (PEER REVIEWED)	7	Problem based teaching and learning
			Research	6			E-modules prepared	0					
			Extension				Research Guidance	M.V.Sc	Ph.d	Others	Projeccts		
				Chairman			1	0	0	Completed	Ongoing		
				Member			1	1	0	0	0		
Dr. M. R. Srinivasan	Assistant Professor	M.V.Sc	Teaching	8	- Diplomeate of The American Board of Toxicology, Inc. (DABT), since 2010 - European Registered Toxicologist (ERT), since 2019, United Kingdom Registry of	Bagged a best poster award for the research work, “A Comparative Study of Statin Class of Compounds in Different Animal Models of Dyslipidemia” presented at the Ramanbhai Foundation 1st International	Details of courses handled	VPT311 - General and Systemic Veterinary Pharmacology (2+1) VPT321 - Veterinary Neuropharmacology (2+1) VPT411 - Veterinary Chemotherapy (2+0) VPT421 - Veterinary Toxicology (2+0) VLD421 - Veterinary Laboratory Diagnostics (VLD) – Toxicology (0+1) Tracking Program on Drug Designing (0+1) MSVE2016 - Veterinary			Publications (PEER REVIEWED)	17 https://www.rese archgate.net/prof ile/Morkonda_Sri nivasan/publicati ons	Conduct of regular (once in two weeks) Class test using Telegram Quizbot - which is an online test where the questions and options in MCQ will be shuffled to the individual student.

		Toxicology, Royal Society of Biology - Federation of European Laboratory Animal Science Association (FELASA) 'C' level Certification in Laboratory Animal Science - Life member of Society of Toxicology, Indian Society of Veterinary Pharmacology and Toxicology, Laboratory Animal Scientist Association, and Association of Toxicology, India.	Symposium on Recent Trends in Pharmaceutical Sciences (23-24 January, 2003) held at Zydus Research Centre, Ahmedabad, India. Awarded Dr. Ranita Aiman prize for the best paper entitled "Effect of Ivermectin on immune response in rats" presented at Southern Region Conference of the Indian Pharmacological Society (9-10 June, 2000) held at St. John's Medical College, Bangalore, India. Awarded Junior Research Fellowship by Indian Council of Agricultural Research (ICAR) to pursue M.V.Sc. (1998).		Pharmacology (4+1)				
Research	8			E-modules prepared	Nil				
Extension	0			Research Guidance	M.V.Sc	Ph.d	Others	Projeccts	
				Chairman	0	0	0	Completed	Ongoing
				Member	0	0	0	Principal Investigator for the research project on "Development and Validation of rapid, cheaper and sensitive method for the diagnosis of viral infections in laboratory animals" 2013-2016, funded by Department of Science and Technology, Government of India. Budget Outlay: Rs. 24,37,000/- only.	1. Principal Investigator for the research project on "Validation of the Pharmacological Efficacy of Nandhi Mezhuugu, pre treatment with Kummati Mezhuugu in Preclinical Models of anovulation and its application in Veterinary Medicine for Ovulatory Disorder in Cattle" 2015-2020, funded by Ministry of AYUSH, GoI, New Delhi. Budget Outlay: Rs. 63,42,400/- only. 2. Co-Investigator for the research project on "Validation of the safety and therapeutic efficacy of Poorana chandirodayam in Dimethylhydrazine dihydrochloride induced colon cancer in rats", 2016-2019, funded by Ministry of

												AYUSH, GoI, New Delhi. 3. Co- Investigator for the research project on “In vitro and In vivo nephroprotective evaluation of AYUSH K1 extract, 2018- 2019, funded by Ministry of AYUSH, GoI, New Delhi. 4. Co- Investigator for the research project on “Evaluation of Astangahridayok ta Brihatyadigana for their efficacy in preclinical model of acute renal failure in rats”, 2019-2022, funded by CCRAS, Ministry of AYUSH, GoI, New Delhi. Budget Outlay: Rs.65,47,720/- only.	
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Name of the department : Veterinary Physiology

Name of faculty	Designation of the faculty	Highest Qualification	Related work experience in field (in years)		Membership in professional bodies, certified courses, fellowship, diplomates in specialized boards (details)	Honours and awards	Continuous documented excellence in teaching		Other demonstrated competencies (publications, projects handled)		Achievements – effective teaching and learning outcomes (write salient achievement only as bullet points)
Dr.S.Eswari	Professor	Ph.D	Teaching	20	Life member in Society of Animal Physiologists of India -SAPI, Life member in Indian Society for the Study of Animal Reproduction - ISSAR, Life member in	Best Poster presentation award in international conference, Best oral presentation award in National Tamil Science Congress, Shri Anjun K Oruganti Memorial medal for the Best	Details of courses handled	Veterinary Physiology UG courses as per VCI 2008 Veterinary Physiology UG courses as per MSVE 2016 PG courses Physiology of Digestion Cardiovascular and Respiratory Physiology Renal Physiology and body fluid dynamics Physiology of Animal Reproduction	Publications (PEER REVIEWED)	https://www.researchgate.net/profile/Soundian_Eswari2 https://scholar.google.com/citations?user=rvCZTpsAAAAJ&hl=en	

					Indian Society for the Study of Reproduction and Fertility - ISSRF Life Member in Animal Physiologists Association - APA Received International fellowship to undergo a short term training on Stem cells and Regenerative Medicine at Virginia Maryland Regional College of Veterinary Medicine, Virginia Tech, USA Completed a Certificate course on Lab animal management and handling accredited by FELASA	Research article published in Indian Veterinary Journal, Certificate of Appreciation from the Department of Pathobiology, VMRCVM, Virginia Tech, USA Best oral presentation award in SAPI conference 2020		Clinical Physiology Neuromuscular Physiology Chemical Bioregulation in physiological functions PhD courses Advances in Neuroendocrinology Avian Physiology Physiology of Lactation Advances in Environmental Physiology and Growth				
			Research	20			E-modules prepared					
			Extension	3			Research Guidance	M.V.Sc	Ph.d	Others	Projeccts	
							Chairman	2	2		Completed	Ongoing
							Member	1	1		1. Isolation and characterizati on of in vitro generated mesenchyma l stem cells from ovine umbilical cord tissue whartons jelly for therapeutic use - funded by DBT, Government of India with a budget outlay of 38 lakhs 2. Modulation of ovarian function by active immunization again inhibin to improve fertility in ewes - TANUVAS Research Corpus Fund for Rs. 2.4 lakhs	

V. Leela	Professor and Head	Ph.D	Teaching	29	Life member in Society of Animal Physiologists of India Life member in Society of Study of Animal Reproduction Life member Tamil Nadu Veterinary Council Life Member Tamil Agricultral society	Anjan J orugandi nedal- Best paper ward in The Indian Veterinary Journal	Details of courses handled	VPY-111 VPY-121 VPY-211 VPY-221 VPB-111 VPB-121 VPB-221 Veterinary Physiology-I Veterinary Physiology-II VPY-601 VPY-603 VPY-604 VPY-606 VPY-607 VPY-608 VPY-609 VPY-803 VPY-804 VPY-807 VPY-809 VPY-810			Publications (PEER REVIEWED)	91 https://scholar.google.co.in/citations?user=xkjdjXEAAAAJ&hl=en&oi=ao	Developed e-module for the Neuromuscular, Digestive and Respiratory Physiology
			E-modules prepared	e-Learning in Veterinary Science- VPB-121 Content Developer for ICAR-NAARM project on “Technology Enhanced Learning in Agricultural Education funded by NAE									
			Research	21			Research Guidance	M.V.Sc	Ph.d	Others	Projeccts		
			Extension	0			Chairman	11	3	0	Completed	Ongoing	
			Member	20			4	0	0	0			

Dr. N.Muniyappan.	Assistant professor	M.V.Sc	Teaching	2.6		0	Details of courses handled	VPB111 VPB121 VPB221 VPY unit 1,2.3.4			Publications (PEER REVIEWED)	8	
			E-modules prepared	2									
			Research	2			Research Guidance	M.V.Sc	Ph.d	Others	Projeccts		
			Extension	0			Chairman	0	0	0	Completed	Ongoing	
			Member	0			0	0	0	0			

Dr. G.Suganya	Assistant Professor	Ph.D	Teaching	14	<ul style="list-style-type: none">* Life member in Tamil Nadu Veterinary Council* Life member in Society of Animal Physiologists of India* Life member in Agricultural Scientific Tamil Society* Life Member of Association of Meat Scientists & Technologists	<ul style="list-style-type: none">* Recipient of Puratchi Thalaivi Dr. J. Jayalalitha Endowment Award for The Best Lady student in M.V.Sc* Recipient of ICAR-JRF Award for pursuing M.V.Sc.,* Recipient of Certificate of Appreciation for Developing e-contents for the course VPB 111 Veterinary Physiology I (2+1) under the NAIP subproject on Development of e-courses for B.V.Sc and AH Programme	Details of courses handled	UG courses * VPY 111 - Veterinary Physiology I * VPY 121 - Veterinary Physiology II * VPY 211 - Veterinary Physiology III * VPY 221 - Veterinary Physiology IV * VPB 111 - Veterinary Physiology I * VPB 121 - Veterinary Physiology II * VPB 221 - Veterinary Physiology III * Neurosciences Tracking Programme * VPY - Veterinary Physiology Paper I Units I & II * VPY - Veterinary Physiology Paper II Units III & IV M.V.Sc courses * VPY 602 - Cardiovascular & Respiratory Physiology * VPY 603 - Renal Physiology & Body fluid dynamics * VPY 604 - Haematology * VPY 605 - Vitamins & Minerals in Animal Physiology * VPY 607 - Clinical Physiology * VPY 610 - Research Techniques Ph.D Courses * VPY 801 - Applied Physiology of body fluids & electrolytes * VPY 806 - Avian Physiology * VPY 807 - Physiology of lactation			Publications (PEER REVIEWED)	https://scholar.google.com/citations?user=G1WcJ3gAAAAJ&hl=en	<ul style="list-style-type: none">* E – Course content developer for NAIP Scheme on Development of e course for B.V.Sc & A.H. – VPB111- Veterinary Physiology I (2+1)* Instrumental in the preparation of charts for the UG students aiding in understanding of Practical Physiology.* Prepared a manual on Flow charts in Veterinary Physiology for easy understanding and quick learning of the subject.* Prepared teaching manuals for undergraduate students
			E-modules prepared	Developed e-contents for the course VPB 111 Veterinary Physiology I (2+1) under the NAIP subproject on Development of e-courses for B.V.Sc and AH Programme									
			Research Guidance	M.V.Sc			Ph.d	Others	Projeccts				
			Chairman	3					Completed	Ongoing			
			Member	3									

Name of faculty	Designation of the faculty	Highest Qualification	Related work experience in field (in years)		Membership in professional bodies, certified courses, fellowship, diplomates in specialized boards (details)	Honours and awards	Continuous documented excellence in teaching				Other demonstrated competencies (publications, projects handled)		Achievements – effective teaching and learning outcomes (write salient achievement only as bullet points)
Mala Shammi	Professor	Ph.D	Teaching	31.3	* ISVS life member	Nil	Details of courses handled	Dont have the exact number			Publications (PEER REVIEWED)	12 approximately	
			Research	31.3			E-modules prepared						
			Extension	31.3			Research Guidance	M.V.Sc	Ph.d	Others	Projeccts		
			Chairman	6			1		Completed	Ongoing			
			Member							1			
			Dr. L. NAGARAJAN	PROFESSOR AND HEAD			Ph.D	Teaching	28	*FELLOW OF INDIAN SOCIETY FOR VETERINARY SURGERY *LIFE MEMBER - INDIAN SOCIETY FOR VETERINARY SURGERY *LIFE MEMBER - INDIAN SOCIETY FOR ADVANCEMENT OF CANINE PRACTICE	1. TAMIL NADU SCIENTIST AWARD – 2004 – for the contribution in the field of Veterinary Sciences given by the Govt. of Tamil Nadu. India 2. COMMENDATION certifiacate for performing a life saving surgery on a ailing circus Hippopotamus given by People for Animals & ATRA/Gruppo di Studio Sulle Tradizioni Diolente, Italy. 2006. 3. Best paper award (Orthopaedic session) – for the article entitled Arthroscopic Evaluation of stifle joints in dogs presented at the National symposium of Indian Society for Veterinary Surgery,Jabalpur –	Details of courses handled	
Research	28	E-modules prepared	CONTRIBUTED CONTENTS IN VSR 421										
Extension	28	Research Guidance	M.V.Sc	Ph.d	Others	Projeccts							
Chairman	6	3		Completed	Ongoing								
			Member	12	6		*Augmentatio n of Post Graduate studies in Ophthalmic Surgery *Utility of external fixation devices and techniques for fracture of femur in dogs *Student	Diagnostic imaging and management of surgical diseases in animals					

						<p>2004</p> <p>4. Best clinical case award (Small animal Surgery Session)– for the article entitled Two stage surgical management of Gastric dilatation and Volvulus in a Great Dane presented at the National symposium of Indian Society for Veterinary Surgery, Pant Nagar. – 2003</p> <p>5. Certificate of Appreciation – for contribution in pet animal surgery – Lion's club of Namakkal, Tamil Nadu, India – 2002</p> <p>6. Certificate of Appreciation – for good attainment and active group participation in short course in Diaphragmatic Herniorrhaphy – Hisar – 1995</p> <p>7. The Madras kennel club medal – for best performance in M.V.Sc – 1988</p> <p>8. Certificate of appreciation (Small Animal Surgery Session) for the paper entitled Extra capsular Cataract Extraction in a Cow at the National Symposium on Indian Society for Veterinary Surgery, IVRI , 2005.</p> <p>9. Appreciation Certificate (Orthopaedic surgery session) – for the article entitled Management of ipsilateral fractures of metacarpus with circular external fixator and metatarsal with PVC splints in a calf. National symposium of Indian Society for Veterinary Surgery. 2006.</p> <p>10. Best paper presentation award (Small Animal</p>				<p>project on Evaluation of Suture Vs sutureless techniques of management of aural haematoma in dogs</p> <p>*Student project on the study of urolithiasis in dogs</p> <p>*Surgical management of segmental tibial fractures in dogs with locking compression plate using MIPO or super cutaneous plating technique – A comparative study (Done at the University of West Indies)</p>		
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						<p>presentation award (Small Animal Surgery Session) for the article entitled Perineal Herniorrhaphy in dogs: a five year clinical experience at the National Symposium on Indian Society for Veterinary Surgery, Pondicherry, 2010</p> <p>15. Letter of Appreciation for the service to animal health care from the Honorable Minister for Water Resources, Govt. of India Mr.Harish Rawat.</p> <p>16. Best clinical case presentation award TANUVAS-MARS International India Companion Clinical Case Conference- Madras Veterinary College, Chennai. 2009.</p> <p>17. First prize in TANUVAS – Mars international India farm and Companion Animal Clinical Case Management Competition- 2013</p> <p>18. First prize – Best clinical case presentation in Veterinary Surgery and Radiology (2012-13) Department of Clinics -2013, Madras Veterinary College.</p> <p>19. Gold medal for presentation of the paper entitled Neo-Adjuvant chemotherapy and surgical oncology protocols for the management of cutaneous tumours in 20 dogs – Indian Society for Veterinary Surgery-Gujarat, 2012.</p> <p>20. Best student clinical case presentation award (as a guide) for the article entitled Esophagomyotomy</p>								
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						in a dog at TANUVAS – 6th International clinical case conference for next generation veterinarians to face challenges in clinical practice. 2014.							
Dr.C. Niranjana	Assistant Professor	M.V.Sc	Teaching	4	Veterinary Council of India, Indian Society of Veterinary Surgery, SAPAC	Appreciation award, ISVS, Gold medal for Soft tissue surgery Best article award from Intas Polivet Journal	Details of courses handled	VSR 411 VSR 421 VCP 411 VCP 421 VCP 511			Publications (PEER REVIEWED)	10	Guided five students in Clinical case presentations in conferences
			Research	2			E-modules prepared						
			Extension				Research Guidance	M.V.Sc	Ph.d	Others	Projeccts		
							Chairman	0	0	0	Completed	Ongoing	
							Member	0	0	0	CO-PI for ICAR Experiential learning programme “ Veterinary Ambulatory Clinical Complex and Animal Blood Banking”	Collaborating faculty in ICAR sponsored “ All India Network Programme on Diagnostic Imaging and management of surgical conditions in animals”	

R.Ramani	Assistant Professor	Ph.D	Teaching	10	<input type="checkbox"/> Member – Indian Meat Science Association <input type="checkbox"/> Member – Association of Meat Scientists and Technologists <input type="checkbox"/> Executive Council member - Association of Meat Scientists and Technologists <input type="checkbox"/> Member – TANUVAS Alumni Association <input type="checkbox"/> Member – TANUVAS Teachers	1."Best Terminology Award” for the book “Iraichi Sol Agarathi” in First National Tamil Conference of Agricultural Scientific Tamil Society, New Delhi held at Madras Veterinary College, Chennai, on 13th and 14th of June, 2015. 2.“Best Book Award” for the book “Sutamaana Iraichi Urpathi” 3. “Thamizh Peravai Best Book award” for the book “Iraichi ariviyal thozhilnutpangal”	Details of courses handled	UG MST 411 Meat and Fisheries Products Processing plant design and layout 2+1 2011 MST 412 Slaughter House by products and waste utilization 1+1 2011 PST 315 Poultry Meat Processing Technology 2+1 2013 LPT 312 Abattoir Practice and Animal Product Technology 1+1 2013 LPT 312 Abattoir Practice and Animal Product Technology 1+1 2014 LPT 321 Meat Science 1+1 2015 LPT 312 Abattoir Practice and Animal Product Technology 1+1 2015 LPT 321 Meat Science 1+1 2016 LPT 321 Meat Science	Publications (PEER REVIEWED)	11	Have efficiently handled classes for both undergraduates and post graduates and had also undertaken entrepreneurial skill training programmes for the students thereby being a motivational and driving force behind them of becoming successful entrepreneurs.
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					Association □ Member – MVC Staff club □ Member – Agricultural Scientific Tamil Society (SciTSA) – 2015			1+1 2017 LPT 312 Abattoir Practice and Animal Product Technology 1+1 2018 LPT 321 Meat Science 1+1 2018 LPT 321 Meat Science 1+1 2019 PG LPT 607 Processing and Marketing of Wool 2+1 2016 LPT 603 Poultry and Fish Products Technology 2+1 2017 LPT 607 Processing and Marketing of Wool 2+1 2017 LPT 601 Fresh Meat Technology 1+1 2018 LPT 606 Slaughter House By Products Technology 1+1 2018 LPT 607 Processing and Marketing of Wool 2+1 2019 LPT 601 Fresh Meat Technology 1+1 2019 PG DIPLOMA MST 702 Abattoir Practice and Management 2015, 2016 ,2017 and 2018				
			Research	7			E-modules prepared	Nil				
			Extension	10			Research Guidance	M.V.Sc	Ph.d	Others	Projeccts	
							Chairman	4	0	0	Completed	Ongoing
							Member	3	0	0		1.Principal Investigator for University sub project titled“Molecular Detection of Adulteration in Mutton Biriyani from different outlets of Chennai”. 2.Co-coordinator in Self Financing scheme on “Production and marketing of

											ready to cook and ready to eat meat products” (funding by University-TANUVAS) Scheme 3.Co-Principal Investigator of the TNSDC project on “Skill Training in Non-farming based activities in Livestock and Poultry Industries” 4.Co-Coordinator in the Scheme on“Carcass Utilization Plant” (funded by State and Central)		
Dr R Sivashankar	Assistant professor	Ph.D	Teaching	12	Member Indian Society for Veterinary Surgery Member SAPAC	Gold medal for best paper presentation in small animal surgery at ISVS conference Ansnd Gujarat 2012 Gold medal for best paper presentation in equine surgery at ISVS conference Srinagar 2015 Dr Menon medal for best doctoral thesis in Veterinary Surgery 2018 convocation TANUVAS	Details of courses handled	UG VSR 411 VSR 421 and VSR 511 VCP 411 VCP 421 VCP 511 Equine study circle Ophthalmology tracking program Anesthesia tracking program PG. VSR 609 PG diploma PGDRM			Publications (PEER REVIEWED)	10	4 students have eon best clinical case presentation in clinical case conference
			E-modules prepared	Assisted in preparation of eLearning VSR 421									
			Extension	12			Research Guidance	M.V.Sc	Ph.d	Others	Projeccts		
				Chairman			0	0	1	Completed	Ongoing		
				Member			1	0	2	1. Orchid Pharma and TANUVAS Collaborative Project on “Effect of PDE4 inhibitors on Osteoarthritis of the Canine Hip and Stifle joint 2.TANUVAS Corpus Fund Project on “Electrospun silk fibrin as a implant for	Nil		

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Dr.A.V elavan	Assistant Professor	Ph.D	Teaching	14	* ISVS member *SAPAC member	2016 Gold medal in ISVS conference in Orthopaedic session 2018 Appreciation letter from Tamil Nadu Chief Minister	Details of courses handled	VSR 411, VSR 421, VSR 511, VSR 610, VSR 606, VAA 607,			Publications (PEER REVIEWED)	20	Nil
			E-modules prepared	In progress									
			Extension	10			Research Guidance	M.V.Sc	Ph.d	Others	Projeccts		
			Chairman	4			0	1	Completed	Ongoing			
			Member	0			0	0	Co PI in Autologous platelet rich plasma seeded on biodegradable extracellular matrix for the regenerative therapy of musculoskeletal disorder of companion animals (RGYI)	Nil			

Name of the department : Wildlife Science

Name of faculty	Designation of the faculty	Highest Qualification	Related work experience in field (in years)		Membership in professional bodies, certified courses, fellowship, diplomates in specialized boards (details)	Honours and awards	Continuous documented excellence in teaching				Other demonstrated competencies (publications, projects handled)		Achievements – effective teaching and learning outcomes (write salient achievement only as bullet points)		
Dr.A.Prathipa	Assistant Professor	M.V.Sc	Teaching	6.5	<div>LIFE MEMBER<div><div></div><div>Tamil Nadu Veterinary Council</div></div><div><div></div><div>Indian Society for Veterinary Medicine (ISVM)</div></div><div><div></div><div>Indian Journal of Veterinary and Animal Sciences Research (IJVASR)</div></div><div>ANNUAL MEMBER<div><div></div><div>America n Association of Zoo Veterinarians (AAZV), USA</div></div><div><div></div><div>Emergen cy Relief Network (ERN)</div></div><div><div></div><div>Associati on of Avian Veterinarians (AAV), USA</div></div></div></div>	1.Co-Authored book entitled “Multi-lingual book for medical conversation” features in the Literature chapter of “Limca Book of Records - 2016”. India is a country with diversified language. This book aims to enable doctors and medical students to have basic, common, medical-related conversations with patients. 2.Received a Certificate of Appreciation award for the Japan Asia Youth Exchange Programme course, during the celebration of TANUVAS Foundation Day 2016.	Details of courses handled	UG <ul style="list-style-type: none">VMD 512 (1+1) – Zoo/Wild Animal Breeding, Management, Nutrition and HealthcareLivestock Production - Zoo Animals Management Unit IV M.V.Sc <ul style="list-style-type: none">WLS 601 Wildlife Biology and Ecology (2+0)WLS 603 Wildlife Management (2+0)WLS 606 Special Medicine-Birds, Reptiles, Amphibians and Fishes (1+1)WLS 608 Zoological Park Clinical Training (0+2)WLS 613- Clinical Training: Aves & Reptiles (0+1) Tracking Programme on Wild and Zoo Animal Medicine (0+2) Post-graduate Diploma in Wild Animal Disease Management (PGDWADM)				Publications (PEER REVIEWED)	13 https://www.researchgate.net/profile/Prathipa_Gopinath/publications	1.Books published for the benefit of students and field vets (as author/co-author) - 05 2. Technical Bulletins published for Veterinary students, Field veterinarians, Wildlife vets of India (as author/co-author)- 04 3.Digital Guides for Veterinary students and Wildlife vets of India (as author/co-author)-06 4.Popular articles published in regional magazines for the benefit of students, field veterinarians and public (as author/co-author) -09	
				Research											6.5
				Extension			6.5	Research Guidance	M.V.Sc	Ph.d	Others				Projeccts
			Chairman					1	0	3	Completed				Ongoing
			Member					0	0	2	01- Sex determination in Psittacines by amplification of CHD gene using PCR	NIL			

											(Budget -2.25 lakhs)		
Dr. M.PALANIVEL RAJAN	ASSISTANT PROFESSOR	Ph.D	Teaching	9	Life Member □ Tamil Nadu Veterinary Council (Registration Number: 3529) □ Association of Indian Zoo and Wildlife Veterinarians (AIZWV) (Registration Number: B-526/2004-05) □ The Indian Society for Veterinary Medicine (ISVM) (Registration Number: ISVM/LM/B-974) □ Indian Association for the Advancement of Veterinary Parasitology (Registration Number: LM 771) □ Indian Journal of Veterinary and Animal Sciences Research (IJVASR) (Registration Number: 0973-2942) □ Indian Wildlife Club (From 2018 onwards) Annual Member □ Association of Avian Veterinarians (AAV), USA – From 2015 onwards □ Emergency Relief Network (ERN), India – From 2014 onwards □ American Association of Zoo	University • Awarded as Chancellor of TANUVAS Justice Ms.M.Fathima Beevi Award for the best M.V.Sc. student in Wildlife Science in the year 2008 • Awarded TANUVAS Merit Scholarship for pursuing M.V.Sc., (2006-08) degree programme at Wildlife Science, Madras Veterinary College, Chennai. • Received appreciation award for the participation of Department in the Exhibition on Commemoration of World Veterinary Year 2011 at Madras Veterinary College, Chennai from 29th July to 1st August, 2011 National • Certificate of Award – Second for the oral session - Stream A “Infectious disease of captive and free ranging wild animals” on “First report on molecular identification of Baylisascaris transfuga infection in Sloth Bear (Melursus ursinus) in South India” in the 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” on 29th-	Details of courses handled	B.V.Sc. & A.H. • LPM 312 – Wild and Zoo Animal HealthCare and management / Fish Production (1+1) • VMD 512 Zoo/Wild Animal Breeding, Nutrition, Management and Health Care (1+1) • Livestock Production Management (4+2) Unit-4 (Zoo Animals Production Management) Tracking Programme • Wild and Zoo Animal Medicine (0+2) M.V.Sc. • WLS 602 Ethology of Wildlife (1+1) • WLS 603 Wildlife Management (2+0) • WLS 604 Capture and Immobilization of Wildlife (1+1) • WLS 613 Clinical Training - Aves and Reptiles (0+1) • WLS 606 Special Medicine- Birds, Reptiles, Amphibians and Fishes (1+1) • WLS 607 Special Medicine- Mammals (2+1) • WLS 608 Zoological Park Clinical Training (0+2) • VCM 607 Zoo, Wild and Laboratory Animal Medicine (2+0) Ph.D. • WLS 807 Capture and Immobilization of Wild Life (2+1) • WLS 809 Special Medical Care and Management of Elephants (2+1)			Publications (PEER REVIEWED)	47	• Trained the Under Graduate students during their internship training and Post Graduate students during their studies in “Wildlife Medicine” • Digital guides developed for the benefit of veterinary graduates
						Research	9			E-modules prepared	NIL		
			Extension	9			Research Guidance	M.V.Sc	Ph.d	Others	Projeccts		
					Chairman	5	0	10	Completed	Ongoing			

					<p>Veterinarians (AAZV), USA – From 2011 onwards</p> <p>30th September, 2018 at College of Veterinary and Animal Sciences, GBPUA&T, Pantnagar – 263 145 U.S. Nagar, Uttarakhand.</p> <ul style="list-style-type: none"> Certificate of Award – Third in the technical session – Aquatic animal and avian medicine on the “Deflation treatment of sub – cutaneous emphysema in a Blue Rock Pigeon (Columba livia)” by Deeptimayee Pattanayak, Ruchika Lakshmanan K.Senthilkumar, Mohamed Shafiuzama and M.Palanivelrajan in the 36th Annual convention of Indian Society for Veterinary Medicine & National Symposium on "Animal health Service Delivery – The priorities of the Professionals for Enhancing Farmer's Income" on 1st–3rd February, 2018 organized by College of Veterinary Science and Animal Husbandry at Orissa University of Agriculture and Technology, Bhubaneswar – 751 003, Odisha Certificate of Award – Third in the technical session – “Zoo, Wild and Exotic Animal Medicine” on the “Management of feather destructive behaviour in an alexandrine parakeet (Psittacula eupatria)” by Deeptimayee Pattanayak, A. Ramakrishnan, K.Senthilkumar and M. Palanivelrajan in the 36th Annual convention of Indian 	Member	9	0	5	1	1	
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					<p>Society for Veterinary Medicine & National Symposium on "Animal health Service Delivery – The priorities of the Professionals for Enhancing Farmer’s Income" on 1st–3rd February, 2018 organized by College of Veterinary Science and Animal Husbandry at Orissa University of Agriculture and Technology, Bhubaneswar – 751 003, Odisha</p> <ul style="list-style-type: none">• Certificate of Award – Third in the technical session for oral – “Avian Medicine” on the “Scaly Leg in Budgerigars (Melopsittacus undulatus)” by Palanivelrajan, M., Sreekumar, C., Sumathi, D. and Pothenappan, P in the 38th Annual convention of Indian Society for Veterinary Medicine & National Symposium on "Advancement in Veterinary Medicine in Mitigating Challenges to Animal Health" on 5th 7th February, 2020 organized by Veterinary College, KVAFSU, Hebbal, Bengaluru - 560 024, Karnataka <p>International</p> <ul style="list-style-type: none">• Certificate of Award – First of the clinical cases presented at the Wildlife Practice UG session of the ‘5th International Clinical Case Conference on Farm and Companion Animal Practice for Veterinary Students” held at Madras Veterinary College,								
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						<div>during 9th – 10th July 2013<ul style="list-style-type: none">• Certificate of Award – First of the clinical cases presented at the Wildlife Practice PG session of the ‘5th International Clinical Case Conference on Farm and Companion Animal Practice for Veterinary Students” held at Madras Veterinary College, during 9th – 10th July 2013• Awarded Young Faculty – VIFFA 2015 in the field of Wildlife Science by Venus International Foundation• Certificate of Award “Murray Fowler International Conference Scholarship (MFICS)” received for attending the “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” to be held in Prague, Czech Republic from October 6th to October 12th, 2018.• Certificate of Award “Murray Fowler International Conference Scholarship (MFICS)” for attending the 2017 American Association of Zoo Veterinarians (AAZV) - 49th Annual Conference to be held in Dallas, Texas, USA from September 23rd to 29th September,</div>								
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						2017										
C.Sreekumar	Professor and Head	PDF	Teaching	5	<ul style="list-style-type: none">Indian Association for the Advancement of Veterinary Parasitology.Indian Association for Veterinary Immunology and BiotechnologyIndian Association for Veterinary Epidemiology and Preventive MedicineIndian Veterinary Association	<ul style="list-style-type: none">R.K.R. Balasubramanian rolling trophy for the best undergraduate student, 1989.Indian Association for the Advancement of Veterinary Parasitology best paper award- Journal of Veterinary Parasitology, 2001Jawaharlal Nehru Award for outstanding Ph.D. thesis in animal sciences, 2002.	Details of courses handled	1.VPA 211 2. VLD 421 3. VPA 608 4. PGS 504 and 505 5. VPA 601 6. VPA 804 7. PGS 606 8. VPA 602 (twice) 9. VPA 806 10. VPA 604 11. WLS 602 12. WLS 803 13. WLS 804			Publications (PEER REVIEWED)	85 https://publons.com/researcher/430413/sreekumar-chirukandoth/	1. Online repositories for students on social media network with contents for wild animal rescue and necropsy and parasitology disease diagnosis a. What is your diagnosis (https://www.facebook.com/sreesnake/media_set?set=a.462879968501&type=3) b. Man-animal conflict (https://www.facebook.com/sreesnake/media_set?set=a.10150134165378502&type=3)			
			E-modules prepared	Nil												
			Research	10												
			Extension	15												

											tuberculosis' funded by National Dairy Development Board, Hyderabad 5. Co-PI on project 'Efficacy and safety study of recombinant porcine cysticercosis vaccine (TSOL 18 vaccine) in pigs'		
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