



TAMIL NADU VETERINARY AND ANIMAL SCIENCES UNIVERSITY

PROSPECTUS FOR POSTGRADUATE DEGREE / DIPLOMA (REGULAR / ONLINE-DISTANCE MODE) COURSES 2011-2012

INTRODUCTION

Realising the importance of Education, Research and Extension activities in Veterinary and Animal Sciences and recognising the impact created on animal production, a separate University for Veterinary and Animal Sciences namely Tamil Nadu Veterinary and Animal Sciences University (TANUVAS), first of its kind in India was established in 1989. The TANUVAS has four constituent institutions namely, Madras Veterinary College at Chennai, Veterinary College and Research Institute at Namakkal, Fisheries College and Research Institute at Thoothukudi and Institute of Food and Dairy Technology at Koduvalli, Chennai. In addition to the four constituent Colleges, the Tamil Nadu Veterinary and Animal Sciences University has one Post Graduate Research Institute of Animal Sciences, one Institute of Poultry Production and Management, One Research Farm, two Research Stations, 15 Veterinary University Training and Research Centres, one Regional Research Centre, one Small Ruminant Research Centre, three Krishi Vigyan Kendras and three Farmers' Training Centres to take care of research and extension needs of the farming community.

MADRAS VETERINARY COLLEGE

Madras Veterinary College started in 1903, celebrated its centenary during the year 2003. The college offered the diploma course as Graduate of Madras Veterinary College (GMVC). It has the unique privilege of being the first Veterinary College to be affiliated to a University (University of Madras) for the award of the degree of Bachelor of Veterinary Science (B.V.Sc.) as early as 1936 and later it was recognised as a Centre for Research leading to M.Sc. and Ph.D. degrees. On the recommendation of the Indo-American team of Agricultural Research and Education, this college was upgraded as a Southern Regional Centre of Postgraduate Education and Research in 1958. The Master of Veterinary Science (M.V.Sc.) degree course in various subjects was offered in a phased manner. In 1969, this Institution was made into a separate Directorate of Veterinary Education and Research, which was a unique feature in the field of veterinary education in India. In 1974, this college was academically affiliated to the Tamil Nadu Agricultural University and from 1976 it became a regular constituent college of the same University till 1989. Apart from B.V.Sc. & A.H. degree course, M.V.Sc. and Ph.D. degree courses, M.Phil. Biotechnology course, M.Sc. degree courses and Postgraduate Diploma courses in Bio-informatics, Veterinary Laboratory Diagnosis, Companion Animal Practice, Wild Animal Disease Management and Business Management in Animal and Fisheries Sciences (Part time – Evening course) are also offered in this college.

VETERINARY COLLEGE AND RESEARCH INSTITUTE

Veterinary College and Research Institute was started at Namakkal in 1985. Apart from B.V.Sc. & A.H. degree course, M.V.Sc. and Ph.D. degree courses are also offered in this college.

FISHERIES COLLEGE AND RESEARCH INSTITUTE

Fisheries College and Research Institute was started at Thoothukudi in 1977. Apart from B.F.Sc. (Bachelor of Fisheries Sciences) degree course, M.F.Sc., Ph.D. degree courses, Postgraduate Diploma course in Fish Quality Management and M.Phil. Course on Climate Change and Fisheries are also offered in this college.

INSTITUTE OF FOOD AND DAIRY TECHNOLOGY

Institute of Food and Dairy Technology, Koduvalli, Chennai was started in 1992. The institute was established with the object of utilising the surplus milk and food of animal and vegetable origin in a better manner by preserving and converting into products of value addition. B.Tech. (Food Processing Technology) degree course is offered since 2006 in this institute (Approved by AICTE). B.Tech. (Poultry Production Technology) and M.Tech. (Food Processing Technology) are being offered from the academic year 2011-2012,

POSTGRADUATE RESEARCH INSTITUTE OF ANIMAL SCIENCES

Livestock Research Station, Kattupakkam, which is a multispecies farm located in the suburbs of Chennai has been upgraded as Postgraduate Research Institute of Animal Sciences from the year 2011-2012 for offering PG Programmes in Animal Genetics and Breeding, Animal Nutrition, Livestock Production and Management and Poultry Science.

DETAILS OF VARIOUS POSTGRADUATE DEGREE / DIPLOMA COURSES

Details of various Postgraduate degree courses at Masters and Doctoral level for Veterinary and Fisheries faculty offered in the University and number of seats available in each discipline during this year is furnished in the Appendix.

I M.V.Sc./M.F.Sc./M.Tech.(FPT) DEGREE COURSES

A) i) Eligibility criteria for admission to M.V.Sc. / M.F.Sc. degree courses

- ❖ Candidates possessing a B.V.Sc. & A.H. / B.F.Sc. degree of Tamil Nadu Veterinary and Animal Sciences University or any other University recognized as equivalent thereof shall be eligible to apply.
- ❖ Only 75% of the admission strength for the year is available for the candidates from Tamil Nadu. The remaining 25% is reserved for candidates from other states through ICAR. If there are any unfilled seats, in state quota, the same will be filled with **candidates from other states who have applied and appeared for the entrance examination conducted by the University**. The candidates from other states will be considered for admission by maintaining a separate rank list only against the vacancies that may arise from the state quota.
- ❖ Candidates from other states cannot claim admission in the quota reserved for Tamil Nadu state candidates as a matter of right on the basis of merit.

- ❖ Candidates who are seeking admission under Tamil Nadu state quota to the M.V.Sc. / M.F.Sc. degree courses excepting those who have undergone Undergraduate degree course (B.V.Sc. & A.H./ B.F.Sc.) in Tamil Nadu on selection from Tamil Nadu state quota should furnish a Nativity Certificate issued by the competent authority in the prescribed format in the application form.
- ❖ Candidates with an OGPA of 3.00 out of 4.00 under trimester system or 7.0 out of 10.0 or 70% aggregate under semester pattern alone are eligible to apply for admission to M.V.Sc./ M.F.Sc. degree programme. Candidates who have studied under conventional system should possess a minimum of 55% marks in their Bachelor's degree. Candidates who have passed B.V.Sc. & A.H. degree under the Veterinary Council of India (VCI) regulations should have obtained a minimum of 55% marks. For SC/ST candidates a minimum pass is sufficient.

ii) Eligibility criteria for admission to M.Tech. (Food Processing Technology) degree course

- ❖ Candidates possessing a B.Tech. (FPT) degree of Tamil Nadu Veterinary and Animal Sciences University or candidates who have studied a four years degree programme in Food Processing Technology / Food Technology / Food Engineering / Dairy Technology or equivalent Engineering or Technology course from a recognised University or any other University recognised as equivalent thereof shall be eligible to apply.
- ❖ Candidates with an OGPA of 3.00 out of 4.00 under trimester system or 7.0 out of 10.0 or 70% aggregate under semester pattern alone are eligible to apply for admission to M.Tech. (FPT) degree programme. Candidates who have studied under conventional system should possess a minimum of 55% marks in their Bachelor's degree. For SC/ST candidates a minimum pass is sufficient.

B) Mode of selection

- ❖ The selection of candidates for admission to M.V.Sc. / M.F.Sc./ M.Tech. degree courses shall be done on the basis of the marks obtained in the Common Entrance Examination and the qualifying examination marks obtained in the B.V.Sc. & A.H. / B.F.Sc. / B.Tech. Courses.

The distribution of marks is as follows:

Common Entrance Examination marks	:	100
Qualifying examination (B.V.Sc. & A.H. / B.F.Sc. / B.Tech.) marks	:	100

Total Marks	:	200

- ❖ Based on the marks obtained, The Chairman, Admission Committee (PG) will draw a merit list separately for Tamil Nadu State candidates and candidates from other states and publish it at Madras Veterinary College, Chennai – 600 007.
- ❖ In case of equal total marks, ranking will be done in the merit list based on the marks secured in the Common Entrance Examination alone. In case of further tie, the date of birth of candidates will be considered and older candidate shall be placed first than the younger candidate.

- ❖ The eligible candidates will be called for Counseling as per the merit list. Candidates securing less than 50% of total marks shall not be called for Counseling. SC/ST candidates securing less than 40% of total marks shall not be called for Counseling.

C) Common entrance examination

- ❖ The Common Entrance Examination for M.V.Sc. / M.F.Sc. / M.Tech.(FPT) admission will be of undergraduate level covering the subjects taught and will contain 200 objective type questions with four responses. Each question will carry 0.5 mark and the maximum marks will be 100. The examination will be of three hours duration.
- ❖ Answer should be shaded with a ball-point pen in the OMR coding sheet as per the instructions given in the OMR coding sheet.
- ❖ The Entrance Examination Hall Ticket and Counseling information letter will be sent only to the eligible candidates.
- ❖ Admission to Entrance Examination does not confer on the candidate the right of admission to the course.
- ❖ Candidates appearing for the Entrance Examination will have to come to the Examination Centre on their own expense and make their own arrangement for stay.
- ❖ Candidates coming 30 minutes after the commencement of the Entrance Examination and also not possessing the hall ticket will not be permitted to appear for the Entrance Examination.
- ❖ No candidate shall be allowed to leave the examination hall before 30 minutes of closure of the entrance examination. Once a candidate leaves the hall, he/she will not be permitted to enter the examination hall again.

The details of number of questions in each subject are as shown below:

M.V.Sc. Degree Course

Sl. No.	Subjects	No. of Questions
1	Veterinary Anatomy and Histology	10
2	Animal Genetics and Breeding	12
3	Animal Husbandry Economics	5
4	Veterinary and Animal Husbandry Extension	5
5	Animal Nutrition	12
6	Veterinary Clinical Medicine, Ethics and Jurisprudence	13
7	Dairy Science	8
8	Livestock Production and Management	10
9	Meat Science and Technology	8
10	Animal Reproduction, Gynaecology and Obstetrics	13
11	Veterinary Parasitology	10

12	Veterinary Pharmacology and Toxicology	10
13	Poultry Science	8
14	Veterinary Epidemiology and Preventive Medicine	6
15	Veterinary Surgery and Radiology	13
16	Veterinary Microbiology	15
17	Veterinary Pathology	10
18	Veterinary Physiology and Biochemistry	12
19	Veterinary Public Health	5
20	Biostatistics	5
21	General Knowledge, Sports, Aptitude	10
	Total	200

M.F.Sc. Degree Course

Sl. No.	Subjects	No. of Questions
1	Fisheries Biology	25
2	Aquaculture	40
3	Fishing Technology and Fisheries Engineering	25
4	Industrial Fish Processing Technology	40
5	Fisheries Environment	25
6	Fisheries Economics and Management	15
7	Fisheries Extension	15
8	Biostatistics	5
9	General Knowledge, sports, aptitude	10
	Total	200

M.Tech. Degree Course

Sl. No.	Subjects	No. of Questions
1	Food Chemistry and Nutrition	20
2	Food Microbiology	20
3	Food Trade and Business Management	20
4	Food Science and Technology	80
5	Food Engineering	50
6	Supporting Courses (Physics / Maths / Operation Research)	10
	Total	200

D) Counseling procedure

- ❖ Eligible candidates will be called for Counseling as per the rank. M.V.Sc. candidates can choose any one of the disciplines and campus available and M.F.Sc. candidates can choose any one of the discipline available at the time of Counseling. Alternatively, they can opt to remain in the waiting list. If a candidate desires to be in the waiting list, he/she will not be given any firm seat in other disciplines. The waiting list will be filled by second Counseling based on merit.

E) Other rules for M.V.Sc./M.F.Sc./M.Tech.(FPT) Degree courses

- ❖ Candidates who had registered for M.V.Sc./ M.F.Sc./M.Tech.(FPT) degree programme and discontinued without prior permission of the University are not eligible to seek readmission.

II. Ph.D. DEGREE COURSES

A) Eligibility criteria for admission

- ❖ Only 75% of the admission strength for the year is available for the candidates from Tamil Nadu. The remaining 25% is reserved for candidates from other states and Union Territories. If there are any unfilled seats under Tamil Nadu state quota, the same will be filled with candidates of other states and union territories by maintaining a separate merit list. If there are any unfilled seats under other states and Union Territories quota the same will be filled with the candidates of Tamil Nadu State. **All candidates should apply and appear for the entrance examination conducted by the University.**
- ❖ Candidates who are seeking admission under Tamil Nadu state quota to the Ph.D., Degree Programme except those who have undergone Undergraduate Degree course (B.V.Sc. & A.H./ B.F.Sc.) in Tamil Nadu on selection from Tamil Nadu state quota should furnish a Nativity Certificate issued by the competent authority in the prescribed format in the application form.
- ❖ Candidates with an OGPA of 3.00 out of 4.00 under trimester system or 7.0 out of 10.0 under semester system or 70% aggregate in the Masters degree alone are eligible to apply for admission to Ph.D. degree programme in Veterinary and Fisheries Sciences. For SC/ST candidates, a minimum pass is sufficient.
- ❖ Candidates who have graduated at Masters level in one discipline cannot seek admission in another discipline.

(a) *Veterinary and Animal Sciences*

- ❖ Candidates with B.V.Sc & A.H degree and Masters degree in the concerned field of specialization from a recognised University shall alone be eligible to apply (Except Animal Biotechnology and Livestock Products Technology).

Animal Biotechnology:-

Candidates with M.V.Sc degree in any field of specialization (except Animal Husbandry Economics, Veterinary and Animal Husbandry Extension and Animal Husbandry Statistics) or M.Sc. degree in Biotechnology with basic B.V.Sc & A.H. degree recognised as equivalent thereto shall be eligible to apply.

Livestock Products Technology:

Candidates with a M.V.Sc. degree in Dairy Science (or) Meat Science and Technology (or) Livestock Products Technology with a basic B.V.Sc. & A.H. degree recognised as equivalent thereto shall be eligible to apply.

(b) Fisheries Science

- ❖ Candidates with B.F.Sc. degree and Masters degree in Fisheries Science or any other degree recognised as equivalent (except Fisheries Economics) thereto shall be eligible to apply

Fisheries Economics:

Candidates with M.F.Sc. (Fisheries Economics and Management) / M.F.Sc. (Fisheries Economics) offered by TANUVAS with a basic B.F.Sc. degree **(or)** M.F.Sc. (Business Management) offered by CIFE, Mumbai with a basic B.F.Sc. degree **(or)** B.F.Sc. degree with M.B.A. / M.B.M. under regular stream of a recognised University shall be eligible to apply.

B) Mode of selection

Candidates for Ph.D. degree programme will be selected based on the marks obtained in the Entrance Examination and other criteria as detailed below:

i) Entrance Examination	-	75
ii) OGPA in M.V.Sc./M.F.Sc.,	-	40
iii) Service / Experience	-	10
iv) Publications	-	15
v) Medals / Awards	-	10

Total marks		150

C) Common entrance examination

- ❖ Entrance Examination will be conducted in the concerned subject studied at Masters degree level. The Examination will be with 75 objective type questions with four responses and each question will carry one mark with a maximum of 75 marks. The Examination will be conducted for duration of 1 ½ hours. Answer should be shaded with a ball-point pen in the OMR coding sheet as per the instructions given in the OMR coding sheet.

D) Counseling procedure

- ❖ Admission to Ph.D. degree course shall be made by Counseling on the basis of total marks duly applying the rule of reservation. Candidates securing less than 50% of total marks shall not be called for Counseling. SC/ST candidates securing less than 40% of total marks shall not be called for Counseling.

SYSTEM OF EDUCATION

The pattern of instruction and evaluation is the semester course credit system. An enrolled student should complete the course and research credits prescribed from time to time and shall have to earn a minimum Overall Grade Point Average (OGPA) of 6.5 out of 10.0 in order to earn M.V.Sc. or M.F.Sc. or M.Tech.(FPT) and 6.5 out of 10.0 for Ph.D. degree.

SCHOLARSHIPS

For deserving Masters / Doctoral degree students, the following scholarships are available.

a) For M.V.Sc./ M.F.Sc./M.Tech.(FPT) students

- Adi-Dravida Welfare Scholarship
- Backward Class Scholarship
- TANUVAS Merit Scholarship
- Pattukottai Azhagiri Endowment Scholarship

b) For M.V.Sc. Students only

- Dr. Venkataswamy Scholarship
- Pattukottai Azhagiri Endowment Scholarships
- Tamil Nadu Agricultural Labourers – Farmers Social Security and Welfare Scheme.

c) For M.F.Sc. Students only

- TIDCO Endowment Scholarship
- Pattukottai Azhagiri Endowment Scholarships

d) For Ph.D. Veterinary and Fisheries Students

- Pattukottai Azhagiri Endowment Scholarships

FEES AND DEPOSITS

Each selected candidate is required to pay the following tuition fees, special fees, etc. as prescribed by the University.

(M.V.Sc. / M.F.Sc. / M.Tech. / M.Sc. – 4 Semesters, Ph.D. – 6 Semesters, Post Graduate Diploma in Veterinary Laboratory Diagnosis / Companion Animal Practice / Wild Animal Disease Management / Fish Quality Management / Business Management in Animal and Fisheries Sciences (Part time – Evening course) - 2 Semesters)

SL. No.	Particulars	I Semester ₹	II, IV and VI (for each Semester) ₹	III and V (for each Semester) ₹
1.	Tuition Fees	2250	2250	2250
2.	Examination Fees	1000	1000	1000
3.	Special Fees			
	(i) College Magazine			
	(ii) University Calendar	100	100	100
	(iii) Library Fees	50	-	50
	(iv) Sports, Games charges	150	150	150
	(v) Computer charges	50	50	50
	(vi) Laboratory contingency fund	150	150	150
	(vii) Registration, Enrolment fees	750	750	750
	(viii) Admission fees	200	-	-
	(ix) Syllabus	200	-	-
	(x) Identity Card	50	-	-
	(xi) Transport charges	50	-	-
	(xii) Day Scholar amenity	50	-	50
		50	-	50
4.	Other charges			
	(i) Students Association	200		200
	(ii) Journal Subscription	1000	-	-
	(iii) Alumni Association	50	-	50
	(iv) Personal accident insurance fee	200	-	200
	(v) Transcript card/degree certificate charges	200	-	-
	(vi) Co-operative Society fees: (Membership fee Rs.10/-, share Capital Rs.15/- and Trade deposit Rs.100/-*)	125	-	-
	(vii) Lab fund**	1000	-	-
	Library Caution deposit*	500	-	-
5.	Lodging fees for Hostlers	250	250	250
	Total	8625	4700	5300

* Refundable

** Non Refundable

III) M.Phil. in Biotechnology (two semesters)

Background of the course

Recognizing the advancements in biotechnology and to disseminate the research technologies, TANUVAS offers **M.Phil. in Biotechnology** for the benefit of the scientific community. This course is designed to meet the requirements of students with scientific background who are specifically interested in the study of scientific developments in biotechnology and the application of this knowledge, skills and tools in the fields of molecular and biological sciences. This course will provide high quality postgraduate training in biotechnology which meets the needs of pharmaceutical and biochemical industries for Research and Development.

A) Eligibility criteria for admission

A candidate with Masters degree in the disciplines of **Biological / Biomedical Sciences like Biotechnology, Animal Biotechnology, Medical Biotechnology, Environmental Biotechnology, Marine Biotechnology, Nanotechnology, Molecular Biology, Gene Technology, Biochemistry, Microbiology, Zoology, Environmental Sciences, Genetics, Marine Biology, Fisheries Science etc.** from a recognised university with 60% aggregate marks or equivalent OGPA in the respective PG degree.

For SC/ST candidates a minimum pass is sufficient.

B) Number of seats : EIGHT

C) Mode of selection

Candidates will be selected based on the marks obtained in the entrance examination and other criteria as detailed below:

i)	Entrance examination	:	75
ii)	Marks in postgraduate degree	:	10
iii)	Service/Experience	:	5
iv)	Publications	:	5
v)	Medals/Awards	:	5
	Total Marks	:	100

In case of equal marks, ranking will be based on the marks secured in the entrance examination/postgraduate degree marks, in that order.

D) Common Entrance examination

The entrance examination will be with 75 objective type questions with four responses for 1 ½ hour duration covering the broad areas of Genetics, Microbiology, Molecular Biology and Biotechnology. Each question will carry one mark with a maximum of 75 marks. Answer should be shaded with a ballpoint pen in the OMR coding sheet as per the instructions given in the OMR coding sheet.

E) Counseling procedure

Admission to M.Phil. Biotechnology course shall be made by Counseling on the basis of total marks duly applying the rule of reservation. Candidates securing less than 40% of total marks shall not be called for Counseling. SC/ST candidates securing less than 35% of total marks shall not be called for Counseling

IV) M.Phil. (Climate Change and Fisheries)

Background of the course

Climate is the result of exchange of heat and mass between the land, ocean atmosphere, Polar Regions and space. A major component of the global climate system is the oceans covering roughly 72% of the planet's surface. The ocean plays a critical role in our climate system and is significantly impacted by climate change and ocean acidification. People around the global are already observing key alterations to their environment with profound consequences: sea-level rise, increased intensity of storms, changes in ocean productivity and resource availability, disruption of seasonal weather patterns, loss of sea ice, altered freshwater supply and quality. These changes are happening at an unprecedented rate. Issues of food security and human health will affect local livelihoods as well as global economies.

A) Eligibility criteria for admission

Any Master degree with Science background with a minimum of 60% marks in aggregate for general category and a minimum of pass for SC / ST candidates.

B) Number of seats : FOUR

C) Mode of selection

Candidates will be selected based on the marks obtained in the entrance examination and other criteria as detailed below:

i)	Entrance examination	:	75
ii)	Marks in postgraduate degree	:	10
iii)	Service/Experience	:	5
iv)	Publications	:	5
v)	Medals/Awards	:	5
	Total Marks	:	100

In case of equal marks, ranking will be based on the marks secured in the entrance examination/postgraduate degree marks, in that order.

D) Common entrance examination

The entrance examination will be with 75 objective type questions with four responses for 1 ½ hour duration. Answer should be shaded with a ballpoint pen in the OMR coding sheet as per the instructions given in the OMR coding sheet. The details of number of questions in each subject are as shown below:

Sl.No.	Subjects	No. of Questions
1	Climatology	26
2	Meteorology	23
3	Environmental Sciences	15
4	Fisheries Biology	11
Total		75

E) Counseling procedure

Admission to M.Phil.(Climate change and Fisheries) course shall be made by Counseling on the basis of total marks duly applying the rule of reservation. Candidates securing less than 40% of total marks shall not be called for Counseling. SC/ST candidates securing less than 35% of total marks shall not be called for Counseling

SYSTEM OF EDUCATION

The duration of course is one year comprising of two semesters. The pattern of instruction and evaluation is the semester course credit system. An enrolled student should complete the course work, seminar and dissertation credits prescribed from time to time, carry out research project in the area of Biotechnology and submit a project report for evaluation before the end of the second semester. To earn the M.Phil. degree in Biotechnology, a student shall have to secure a minimum Overall Grade Point Average (OGPA) of 6.5 out of 10.0.

FEES AND DEPOSITS

Each selected candidate is required to pay the following tuition fees, special fees, etc. as prescribed by the University.

M.Phil.(Biotechnology) / M.Phil.(Climate Change and Fisheries) – Two semesters

Sl.No.	Particulars	I & II SEMESTER (for each semester) ₹.
1	Tuition fees	7,500
2	Examination fees	2,500
3	Special Fees	
	1. Students Association fees	200
	2. Subscription to College Magazine	100
	3. University Calendar	50
	4. Library fees	150
	5. Journal subscription fees	300
	6. Sports, Games charges	50
	7. Computer charges	150
	8. Laboratory Contingency Fund	750
	9. Personal Accident Insurance Fees	200
	10. Registration Enrollment fee	200
	11. Admission fee	200
	12. Syllabus	50
	13. Transcript Card/Degree Certificate charges	200
	14. Co-operative Society fees	125
	15. Transport charges	50
	16. Days Scholar Amenity	50
	17. TANUVAS Alumni Association	50
4	Laboratory Fees	12,375
5	Lodging Fees*	250
	Total	25,500

**for hostellers*

V) M.Sc. IN BIOINFORMATICS

Background of the course

M.Sc. in Bioinformatics for the benefit of students community to open new avenues and augment employment potential. The M.Sc. Degree course is designed to meet the requirements of students from the range of scientific backgrounds who are specially interested in the study the computational and scientific developments in Bioinformatics and the application of this knowledge, skills and tools to the fields of molecular and biological sciences. This course could be started as an inter-disciplinary course encompassing the existing facilities at Bioinformatics Centre along with Animal Biotechnology, Animal Genetics and Breeding, Animal Husbandry Statistics and Computer Applications, Veterinary Biochemistry and Library Sciences departments of MVC.

A) Eligibility criteria for admission

Any graduate with a minimum qualification of B.V.Sc., B.V.Sc & A.H., M.B.B.S., B.D.S., B.F.Sc., or B.Sc. degree in any branch of Agriculture/Life Sciences/Genetics/Biochemistry/ Biotechnology/ Bioinformatics/ Microbiology/ Pharmacology or equivalent of Indian or Foreign University with an OGPA of 3.0/4.0 in trimester system or 7.0/10.0 in semester system or 50% in conventional system. A minimum pass is sufficient for SC / ST candidates.

B) Number of seats : FIVE

C) Mode of selection

The selection of candidates for admission to M.Sc. (Bioinformatics) will be based on the marks obtained in the entrance examination and the qualifying examination marks.

The distribution of marks is as follows:

Common Entrance Examination marks	:	75
Qualifying examination marks	:	100

Total	=	175

In case of equal marks, ranking will be based on the marks secured in the entrance examination/qualifying degree marks, in that order.

D) Common entrance examination

The entrance examination will be with 75 objective type questions with four responses for 1 ½ hour duration. Answer should be shaded with a ballpoint pen in the OMR coding sheet as per the instructions given in the OMR coding sheet. The details of number of questions in each subject are as shown below:

Sl.No.	Subjects	No. of Questions
1	Basics in Bioinformatics	7
2	Molecular Genetics	10
3	Microbiology	10
4	Cell Biology and Biotechnology	10
5	Biomolecules and their structures	10
6	Techniques in Genetics Engineering	10
7	Biological databases	10
8	Information Technology	8
Total		75

E) Counseling procedure

Admission to M.Sc Bioinformatics course shall be made by Counseling on the basis of total marks duly applying the rule of reservation. Candidates securing less than 40% of total marks shall not be called for Counseling. SC/ST candidates securing less than 35% of total marks shall not be called for Counseling

F) System of education

The pattern of instruction and evaluation is the semester course credit system of two year duration. An enrolled student should complete the course and research credits prescribed from time to time and shall have to earn a minimum Overall Grade Point Average (OGPA) of 6.5 out of 10.0 in order to earn M.Sc. (Bioinformatics) course.

G) Fee

Fee payable is detailed in Page No.9

VI) M.Sc. IN BIostatistics

Background of the course

The course curricula in the discipline of biological sciences should meet the demands of biological research in emerging areas and since there is a huge gap between the demand and supply of trained manpower in this discipline in the country, it is necessary that TANUVAS, the leading institution in the country, starts a PG programme in Bio-statistics for not only those specializing in veterinary and animal sciences and fisheries sciences, but also of other biological and life sciences to meet the challenges.

A) Eligibility for admission

Graduate with B.Sc.(Ag) / B.Sc.(Hort) / B.Tech.(FPT) / B.Tech.(Dairy Tech) or any degree in life / biological sciences with an OGPA of 3.0/4.0 in trimester system or 7.0/10.0 in semester system or 50% in conventional system. A minimum pass is sufficient for SC / ST candidates.

B) Number of seats : THREE

C) Mode of selection

The selection of candidates for admission to M.Sc. (Biostatistics) will be based on the marks obtained in the entrance examination and the qualifying examination marks.

The distribution of marks is as follows:

Common Entrance Examination marks : 75

Qualifying examination marks : 100

Total = 175

In case of equal marks, ranking will be based on the marks secured in the entrance examination/qualifying degree marks, in that order.

D) Common Entrance examination

The entrance examination will be with 75 objective type questions with four responses for 1 ½ hour duration. Answer should be shaded with a ballpoint pen in the OMR coding sheet as per the instructions given in the OMR coding sheet. The details of number of questions in each subject are as shown below:

Sl.No.	Subjects	No. of Questions
1	Descriptive Statistics	20
2	Probability theory	10
3	Sampling techniques	15
4	Design of experiments	10
5	Tests of significance	20
Total		75

E) Counseling procedure

Admission to M.Sc Bioinformatics course shall be made by Counseling on the basis of total marks duly applying the rule of reservation. Candidates securing less than 40% of total marks shall not be called for Counseling. SC/ST candidates securing less than 35% of total marks shall not be called for Counseling.

F) System of education

The pattern of instruction and evaluation is the semester course credit system of two year duration. An enrolled student should complete the course and research credits prescribed from time to time and shall have to earn a minimum Overall Grade Point Average (OGPA) of 6.5 out of 10.0 in order to earn M.Sc. (Biostatistics) course.

G) Fee

Fee payable is detailed in Page No.9

VII. POSTGRADUATE DIPLOMA IN BIOINFORMATICS (TWO SEMESTERS)

Background of the course

Bioinformatics is a newly developing discipline that has emerged from the requirements to elucidate the biologically useful information from the vast quantities of raw experimental data that are being generated in the biosciences. As application of Bioinformatics and its tools is gaining momentum in all spheres, TANUVAS offers **Postgraduate Diploma in Bioinformatics**. The aim of the diploma course is to provide high quality Postgraduate training in Bioinformatics, which meets the needs of Biotechnology and Genetics, pharmaceutical, biochemical and dairy industries for Research and Development.

A) Eligibility for admission

A graduate with any one of the following qualifications: B.V.Sc./ B.V.Sc. & A.H., B.F.Sc., B.Sc.(Agri.), B.Sc.(Horti.), B.E., B.Tech., M.B.B.S., B.D.S., M.Sc., MCA or postgraduate degree with Physics / Chemistry / Mathematics / Biotechnology / Biophysics / Botany / Zoology / Biology/ Biochemistry / Microbiology / Pharmacology / Computer Science/ Statistics of any recognised University with an OGPA 3.0/4.0 in trimester system or 7.0/10.0 in semester system or 50% in conventional system. A minimum pass is sufficient for SC/ ST candidates.

B) Number of seats : SIX

(Of this, two seats are reserved for Veterinary and Fisheries graduates. If unfilled, the same shall be filled with other candidates)

C) Mode of selection

Candidates will be selected based on the marks obtained in the entrance examination and other criteria as detailed below:

i)	Entrance examination	:	75
ii)	Marks in postgraduate degree	:	10
iii)	Service/Experience	:	5
iv)	Publications	:	5
v)	Medals/Awards	:	5
	Total Marks	:	100

In case of equal marks, ranking will be based on the marks secured in the entrance examination/qualifying degree marks, in that order.

D) Common entrance examination

The entrance examination will be with 75 objective type questions with four responses for 1 ½ hour duration covering the broad areas of Information Technology, Biology, Computer Science and Physical Sciences including Mathematics and Statistics. Each question will carry one mark with a maximum of 75 marks. Answer should be shaded with a ballpoint pen in the OMR coding sheet as per the instructions given in the OMR coding sheet.

E) Counseling procedure

Admission to Postgraduate Diploma in Bio-informatics course shall be made by Counseling on the basis of total marks duly applying the rule of reservation. Candidates securing less than 40% of total marks shall not be called for Counseling. SC/ST candidates securing less than 35% of total marks shall not be called for Counseling.

F) System of education

The duration of course is one year comprising of two semesters. The pattern of instruction and evaluation is the semester course credit system. An enrolled student should complete the course work, seminar and dissertation credits prescribed from time to time, carry out research project in the area of Bioinformatics and submit a project report for evaluation before the end of the second semester.

G) Fee Structure

S.No.	Particulars	First Semester ₹.	Second Semester ₹.
1	Tuition fee	10,000	10,000
2	Examination fee	1,000	1,000
3	Special fee	1,850	1,200
4	Other Charges	2,075	-
5	Library Caution Deposit	500	-
6	Lodging fee*	250	250
	Total	15,675	12,450

* for hostellers

VIII) POSTGRADUATE DIPLOMA PROGRAMMES (TWO SEMESTERS)

- (i) VETERINARY LABORATORY DIAGNOSIS
- (ii) COMPANION ANIMAL PRACTICE
- (iii) WILD ANIMAL DISEASE MANAGEMENT
- (iv) FISH QUALITY MANAGEMENT

Background of courses

(i) Postgraduate Diploma in Veterinary Laboratory Diagnosis

Animal health is essential to sustain and augment animal productivity. Occurrence of disease among animals is on the increase, which is a threat to livestock industry. Diagnosis of these diseases is based on a combination of clinical observation and laboratory analysis of ante mortem or postmortem specimens.

Early and rapid veterinary laboratory disease diagnosis is one of the important areas to be strengthened. There is an urgent need to enhance technical manpower and veterinary laboratories in our state to respond in emergencies like animal disease outbreaks.

Both Tamil Nadu State Government and Government of India have Animal Disease Diagnostic Laboratories and Biological Production Units. Strengthening and modernization of these units are given top priority in the centrally sponsored ASCAD scheme. Moreover, many private Animal Disease Diagnostic Laboratories are also on the increase, providing wide scope for diploma students for employment.

ii) Post-Graduate Diploma in Companion Animal Practice

Pet animals have been an integral part of our society from time immemorial. It is a common fact that pets provide companionship, relieve stress and provide unsolicited love and affection. Pet animal care has hence become a priority for animal owners. Pet animal care has undergone rapid development in the last decade.

Pet owners have sought out specialists in various fields to obtain the best possible treatment for their pets. Numerous sophisticated diagnostic techniques and instrumentation has raised the standards of veterinary practice. However, these facilities and skills are available only to a small segment of the pet owners. In the present scenario, it will be ideal for the general veterinary practitioners to possess additional skills to provide comprehensive and specialized health care for pet animals. Taking this into consideration, it is proposed to initiate a diploma in companion animal health care for the benefit of practicing veterinarians.

This diploma would encompass small animal medicine, surgery and reproduction with special emphasis on developing practical skills and would help to equip the veterinarian in managing surgical, medical and reproductive problems affecting small animals. The global scenario requires that a practicing veterinarian should possess sufficient knowledge in latest advancements in small animal surgery, medicine and reproduction comparable to international standards. Hence, a clinical training in advances in these fields has become the need of the hour. It is with these ideas the course is prepared.

iii) Postgraduate Diploma in Wild Animal Disease Management

Wildlife disease management is essential for taking effective control measures to protect wildlife and also to prevent transmission of diseases from wild animals to livestock and mankind.

This diploma course deals on various kinds of wildlife diseases encountered routinely in both captive and free ranging wildlife species. This course will provide required knowledge and skills to Veterinarian on different zoonotic diseases like rabies, strongyloidosis etc., that are encountered in wild animals maintained in captivity and free range such as zoological park, zoos, zoological garden and others.

To understand about diseases that are transmitted from domestic to wildlife and vice-versa, this diploma course will be of immense use. Serious economic losses do occur by the transmission of diseases among domestic and wild stock due to co-grazing related features in wildlife sanctuaries.

Keeping this in view a simplified, comprehensive diploma program of one year has been currently formulated by TANUVAS. Hence, undergoing this diploma course will be of great use for Veterinarians involved wildlife management and related field.

A) Eligibility criteria for admission

Candidates possessing a B.V.Sc./ B.V.Sc. & A.H. degree of Tamil Nadu Veterinary and Animal Sciences University or any other University recognized as equivalent thereto shall be eligible to apply with an OGPA of 3.0/4.0 in trimester system or 7.0/10.0 in semester system or 50% in conventional system. A minimum pass is sufficient for SC/ ST candidates.

B) Number of seats for each course :

- (i) Veterinary Laboratory Diagnosis : **4 seats**
- (ii) Companion Animal Practice : **4 seats**
- (iii) Wild Animal Disease Management : **3 seats**

C) Mode of selection

The selection of candidates for admission to Post Graduate Diploma in Veterinary Laboratory Diagnosis / Companion Animal Practice / Wild Animal Disease Management will be based on the marks obtained in the entrance examination and the qualifying examination marks obtained in the B.V.Sc. / B.V.Sc. & A.H. course.

The distribution of marks is as follows:

Common Entrance Examination marks : 75
Qualifying examination (B.V.Sc. / B.V.Sc. & A.H.) marks : 100

Total = 175

D) Common entrance examination

The entrance examination for Post Graduate Diploma in Veterinary Laboratory Diagnosis / Companion Animal Practice / Wild Animal Disease Management will be with 75 objective type questions with four responses for 1½ hour duration covering the broad areas of **Animal Reproduction Gynaecology and Obstetrics, Veterinary Clinical Medicine, Ethics & Jurisprudence, Veterinary Epidemiology and Preventive Medicine, Veterinary Microbiology, Veterinary Parasitology, Veterinary Physiology and Biochemistry, Veterinary Pathology and Veterinary Surgery and Radiology and Wildlife Science.** Each question will carry one mark with a maximum of 75 marks. Answer should be shaded with a ballpoint pen in the OMR coding sheet as per the instructions given in the OMR coding sheet.

- ❖ In case of equal total marks, ranking will be done in the merit list based on the marks secured in the Common Entrance Examination alone. In case of further tie, the date of birth of candidates will be considered and older candidate shall be placed first than the younger candidate.

The details of number of questions in each subject are as shown below:

(i) Postgraduate Diploma in Veterinary Laboratory Diagnosis / (ii) Companion Animal Practice

Sl. No.	Subjects	No. of Questions
1	Animal Reproduction, Gynaecology & Obstetrics	10
2	Veterinary Clinical Medicine, Ethics & Jurisprudence	10
3	Veterinary Epidemiology & Preventive Medicine	10
4	Veterinary Microbiology	10
5	Veterinary Parasitology	10
6	Veterinary Physiology & Biochemistry	10
7	Veterinary Pathology	10
8	Veterinary Surgery & Radiology	5
	Total	75

(iii) Postgraduate Diploma in Wild Animal Disease Management

Sl. No.	Subjects	No. of Questions
1	Wildlife Science	20
2	Veterinary Clinical Medicine , Ethics and Jurisprudence	10
3	Veterinary Epidemiology & Preventive Medicine	10
4	Veterinary Pathology	10
5	Veterinary Microbiology	10
6	Veterinary Parasitology	10
7	Animal Reproduction Gynaecology & Obstetrics	5
	Total	75

iv) Post Graduate Diploma in Fish Quality Management

Background of the course:

The Indian fish industries are continuously facing severe competition at the International markets due to stringent quality control measures adopted by various fish importing countries. Therefore, implementation of fish quality management practices such as Hazard Analysis Critical Control Point (HACCP), European Union (EU) regulations, Sanitary Standard Operating Procedures (SSOP), Sanitary Control Procedures (SCP) and Good Manufacturing Practices (GMP) is essential for the production of quality fish and fishery products to meet the increasing quality demands in the International markets. The objective of this needed diploma course is to give an in-depth knowledge in fish quality management. A comprehensive Postgraduate Diploma programme on Fish Quality Management of one-year duration has been formulated to meet the fish industries requiring experts to solve the emerging chemical and microbial quality problems.

A) Eligibility criteria for admission

Candidates possessing a B.F.Sc., B.V.Sc., B.V.Sc. & A.H., B.Sc. (Dairy Science), B.Sc. (Agi.), B.Sc. (Horti.), B.Sc. (Home Science) of four years duration, B.Tech (Food Technology) or Post-Graduate degree with Food Science / Microbiology / Biotechnology / Biochemistry / Zoology / Marine Biology / Costal Aquaculture / Home Science of any recognized University with OGPA 3.00 / 4.00 in trimester or OGPA 7.0 / 10.0 in semester system or 50% in conventional system. A minimum pass is sufficient for SC/ST candidates.

B) Number of seats : FOUR

C) Mode of selection

The selection of candidates for admission to Post Graduate Diploma in fish Quality Management will be based on the marks obtained in the entrance examination and the qualifying examination marks obtained in the course(s) mentioned above.

The distribution of marks is as follows:

Common Entrance Examination marks	:	75
Qualifying examination marks	:	100

Total	=	175

D) Common entrance examination

The entrance examination for Post Graduate Diploma in Fish Quality Management will be with 75 objective type questions with four responses for 1½ hour duration covering the broad areas of **Fish Processing Technology, Fish Quality and Safety Management, Food Microbiology, Food Biochemistry and Food Laws and Standards**. Each question will carry one mark with a maximum of 75 marks. Answer should be shaded with a ballpoint pen in the OMR coding sheet as per the instructions given in the OMR coding sheet.

❖ In case of equal total marks, ranking will be done in the merit list based on the marks secured in the Common Entrance Examination alone. In case of further tie, the date of birth of candidates will be considered and older candidate shall be placed first than the younger candidate.

The details of number of questions in each subject are as shown below:

Sl. No.	Subjects	No. of Questions
1	Fish Processing Technology	15
2	Fish Quality and Safety Management	20
3	Food Microbiology	20
4	Food Biochemistry	10
5	Food Law and Standards	10
	Total	75

COUNSELING PROCEDURE

Admission to Postgraduate Diploma in Veterinary Laboratory Diagnosis / Companion Animal Practice / Wild Animal Disease Management / Fish Quality management shall be made by Counseling on the basis of total marks duly applying the rule of reservation. Candidates securing less than 40% of total marks shall not be called for Counseling. SC/ST candidates securing less than 35% of total marks shall not be called for Counseling.

SYSTEM OF EDUCATION

The duration of the courses are one year comprising of two semesters. The pattern of instruction and evaluation is the semester course credit system. An enrolled student should complete the course work and dissertation credits prescribed from time to time, carry out research project in the area of Veterinary Laboratory Diagnosis / Companion Animal Practice / Wild Animal Disease Management / Fish Quality Management and submit a project report for evaluation before the end of the second semester.

FEES AND DEPOSITS

As followed in M.V.Sc./M.F.Sc. and Ph.D. Degree Courses (see page No.9).

IX) POST GRADUATE DIPLOMA IN BUSINESS MANAGEMENT IN ANIMAL AND FISHERIES SCIENCES (Two Semesters – Part Time - Evening Course)

Background of the course:

India being an agrarian country, its economy mostly depends on agriculture, animal husbandry and fisheries. For the development programme of animal and fisheries sciences to succeed, it is imperative that adequate infrastructure facilities and extension services are to be developed and manned by personnel trained in Animal and Fisheries Sciences. As a result of the successive planning programmes, the livestock sectors including poultry have assumed the industrial proposition in their production. Such a changed scenario demands a new class of managers endowed with broad range of skill and competency in planning, problem solving and decision making in relation to the complexities of farm business and rural development and oriented towards the development of farmer-entrepreneurs. To develop a thorough understanding of the interrelationship between the functional areas of technology, business administration including financial management, human relation, marketing strategies etc., and external environment, a Postgraduate diploma in Business Management in Animal and Fisheries Sciences was started.

A) Eligibility criteria for admission

A candidate possessing a Bachelor's Degree in professional courses like B.V.Sc., B.V.Sc. & A.H., B.F.Sc., B.Sc., (Agri), B.E., B.Sc., (Horticulture), M.B.B.S., B.L., of recognized University (or) equivalent (or) any Bachelor's Degree in Science (or) Arts with an OGPA of 3.00 out of 4.00 in trimester system (or) 7.0 out of 10.0 in semester system (or) 50% in conventional system shall be eligible. A minimum pass is sufficient for SC/ST candidates.

B) Number of seats: : FOUR

C) Mode of selection:

The students are selected duly applying the rule of reservation on the basis of their performance in

- a) Entrance Test
- b) Group discussion
- c) Personal Interview

D) System of education:

The Post Graduate Diploma in Business Management is of one year duration with two semesters. It is a part time programme, offered in evenings. Each semester is of 105 working days. Seminar and project study will form part of the course work. Each student is required to study compulsory courses and two elective subjects. The elective subjects can be chosen according to the area of interest of the candidate.

E) Fees and deposits

For fee details refer page No.9.

X. Post Graduate Diploma Courses (Online / Distance Mode)

Owing to the demand from veterinarians and livestock and poultry industry and considering the practical difficulties in pursuing fulltime courses, TANUVS has programmed to offer Post Graduate Diploma Courses of one year (2 semesters) duration through Distance Education mode from the academic year 2011-2012.

1. Courses offered:

- I. Small Animal Orthopedics (**PGDORT**)
- II. Veterinary Ophthalmology (**PGDOPH**)
- III. Small Animal Emergency and Critical Care Medicine (**PGDECM**)
- IV. Small Animal Dermatology (**PGDDER**)
- V. Diversified Poultry Production (**PGDDPP**)
- VI. Feed Manufacturing Technology (**PGDFMT**)
- VII. Commercial Poultry Production and Management (**PGDPPM**)
- VIII. Ethno Veterinary Practices (**PGDEVF**)

2. Number of seats : 10 each course

3. Registration fee: (for each course)

Indian Nationals : ₹.600/- for others, ₹.300/- for SC / ST
Foreign Nationals: \$ 50/-

Registration fee should be sent only in the form of Demand Draft drawn in favour of “**Finance Officer, TANUVAS, Chennai-51**” payable at Chennai.

4. **Last date for the receipt of filled in application:** Filled in application should reach the Chairman, Admission Committee (PG), Tamil Nadu Veterinary and Animal Sciences University, Madhavaram Milk Colony, Chennai-600 051 on or before **08.08.2011, 5.45 P.M.**
5. **Selection of candidates:** No entrance examination for Postgraduate diploma courses (Online / Distance Mode). Candidates will be selected based on their marks obtained in the Bachelor's degree and experience, if the application is more than number of seat.
6. Application form can be downloaded from the University website: www.tanuvas.ac.in
7. For eligibility criteria, fees and other details refer the brochure for Post Graduate Diploma Courses (Online / Distance Mode) available in the university website: www.tanuvas.ac.in

COMMUNAL RESERVATION

The rule of reservation as per the Government of Tamil Nadu shall be followed.

- ❖ Rule of reservation is applicable when there are four or more seats in each discipline. If the number of seats is less than four, selection will be based on merit alone.

HOSTEL FACILITIES

- a) Hostel for the students are available in each campus and the messes are run on a dividend system.
- b) The students will be accommodated in the hostels to the extent possible, as the facilities are limited.
- c) A sum of ₹.5,000/- will be collected as hostel deposit.

IMPORTANT NOTE

A candidate who has been selected for admission to M.V.Sc. / M.F.Sc. / M.Tech / M.Sc./ M.Phil. / Ph.D. degree course / P.G Diploma courses should register for the course within 13 working days from the date of commencement of registration (the first **two** working days without fine and the remaining **eleven** working days with a fine of ₹.100/-) as per the provisions made in the Regulations for the Postgraduate degree programme under semester pattern. If he/she does not register for the course within the above period, his/her admission will automatically **stand cancelled**.

A candidate who has paid the fees but fails to register on the date specified or fails to inform his/her intention of not registering for the course, within one week from the date specified for registration, is liable to forfeit the fees paid by him/her.

A candidate who intends to withdraw from the course before registration is entitled to get a refund of 80% of the tuition fees and 100% of all the other fees paid by him/her, provided the claim for refund is made within one month from the date notified for registration / commencement of classes. Otherwise, he/she is liable to forfeit the full fees paid for the admission.

A student who desires to leave the course after registering for the course irrespective of the fact that he/she has attended the classes or not, is entitled to get a refund of 30% of the tuition fees and 50% of all the other fees.

PREVENTION OF RAGGING

If any incident of ragging comes to the notice of the authority, the concerned student shall be given liberty to explain and if his / her explanation is not found satisfactory, the authority would expel him / her from the Institution.

INSTRUCTIONS TO CANDIDATES TO FILL IN THE APPLICATION FORM

1. Separate application for M.V.Sc. / M.F.Sc., / Ph.D. and M.Phil.(Biotechnology) M.Phil in climate change and Fisheries, M.Tech. Food Processing Technology, M.Sc. Bioinformatics, M.Sc. Biostatistics / PG Diploma in Bioinformatics, Veterinary Laboratory Diagnosis, Companion Animal Practice, Wild Animal Disease Management, Fish Quality Management, and Business Management in Animal, Fisheries Sciences (Part Time-Evening Course)
2. Application form, Hall ticket and Prospectus can be down loaded from University Website <http://www.tanuv.ac.in>
3. Candidates are requested to study the prospectus carefully before filling up the application form.
4. Candidates possessing the minimum qualifications as prescribed in the prospectus alone will be considered.
5. Candidates are requested to fill up the application form in their own handwriting only.
6. All columns should be correctly and completely filled in. There should not be any overwriting/error.
7. Application with incomplete particulars will summarily be rejected.
8. No addition, deletion or alteration of any particulars relating to the application is permitted after the submission of the application.
9. Recent passport size photograph should be affixed in the space provided in the application form and hall ticket. The employees of TANUVAS are exempted from doing so.
10. **Application form should be sent with Registration fee (₹.600/- for others and ₹.300/- for SC/ST).**
11. Registration fee should be sent only in the form of Demand Draft drawn in favour of **“Finance Officer, TANUVAS, Chennai-51” payable at Chennai.**

12. No correspondence will be entertained in any form.
13. Applications received after the prescribed due date and time will not be considered on any account. The University will not take any responsibility for postal delays. The candidates are therefore advised to send their applications sufficiently early.
14. **Applications without Registration fee will be summarily rejected.**
15. Those who are claiming community reservation should furnish the certificate obtained from the competent authority. However, the employees of Tamil Nadu Veterinary and Animal Sciences University and Government of Tamil Nadu can enclose attested copy of **first page of their Service Register** in proof of community claim.
16. Employees of Tamil Nadu Veterinary and Animal Sciences University/State or Central Government or Other organizations **should send their applications through proper channel.**
17. Selected candidates should join the course on or before the specified date, failing which their names will be deleted and resultant vacancies will be filled up by other eligible wait listed candidates through Counseling.
18. Candidates selected for admission will have to give a declaration and an undertaking at the time of admission.
19. The following original documents must be surrendered at the time of admission:
 - i) Provisional/Degree certificate of Bachelor's/Masters degree
 - ii) Transfer Certificate/Migration Certificate
 - iii) Conduct Certificate from the Head of the Institution last studied
 - iv) Mark Sheets/Report Cards of Bachelor's/Masters degree
 - v) Community Certificate

Failure to surrender any of the above documents will make the candidate ineligible for admission.

CHECK LIST

The application should be sent with the following:

1. Filled in application with passport size photograph.
2. Nativity Certificate in the prescribed format (if applicable).
3. Attested copy of the S.S.L.C./H.S.C. mark sheet or First page of Service Register in proof of date of birth.

4. Attested copy of the Community Certificate. Employees of TANUVAS and Government of Tamil Nadu can enclose attested copy of the first page of the Service Register in proof of community to which they belong.
5. Attested copy of the Provisional/Degree Certificate of Bachelor's/Masters Degree.
6. Attested copies of Statement of Marks/Report cards/Transcript card showing the details of courses underwent and the marks/OGPA obtained in the degree course concerned.
7. Attested copy of the conduct certificate from the Head of the Institution last studied.
8. Duly filled hall ticket (do not stitch the hall-ticket to the application form). Use gem clip for attachment to the application form.
9. Self-addressed envelope (size 15x10 cm) stamped for ₹.5/- (for sending acknowledgment).
10. Attested copy of the Service Certificate showing the details of service/experience (for Ph.D., M.Phil. and PG Diploma in Bioinformatics candidates only).
11. Copies of Research article, Popular article, Book, Manual, Booklet published, Proof for Medals/Awards etc., (for Ph.D., M.Sc., M.Phil. and PG Diploma in Bioinformatics candidates only) need to be enclosed.

Note:

Filled in application should reach the Chairman, Admission Committee (PG), Tamil Nadu Veterinary and Animal Sciences University, Madhavaram Milk Colony, Chennai-600 051 on or before 08.08.2011, 5.45 P.M.

APPENDIX

POSTGRADUATE DEGREE COURSES OFFERED DURING 2011-2012

M.V.Sc., and Ph.D., (Veterinary)

Sl. No.	Discipline	Number of Seats					
		Madras Veterinary College, Chennai		Veterinary College and Research Institute, Namakkal		PG Research Institute in Animal Sciences, Kattupakkam	
		M.V.Sc.	Ph.D.	M.V.Sc.	Ph.D.	M.V.Sc.	Ph.D.
1	Animal Biotechnology	3	5	0	0	0	0
2	Animal Genetics and Breeding	1	2	2	2	1	1
3	Animal Husbandry Economics	2	2	2	1	0	0
4	Animal Nutrition	1	2	2	2	1	1
5	Animal Reproduction, Gynaecology and Obstetrics	2	3	2	2	0	0
6	Livestock Production and Management	1	2	1	2	1	0
7	Livestock Products Technology	4	5	4	4	0	0
8	Poultry Science	3	3	3	2	1	0
9	Veterinary Anatomy and Histology	2	3	2	1	0	0
10	Veterinary and Animal Husbandry Extension	2	3	2	2	0	0
11	Veterinary Biochemistry	3	0	0	0	0	0
12	Veterinary Clinical Medicine, Ethics and Jurisprudence	3	3	2	2	0	0
13	Veterinary Epidemiology and Preventive Medicine	2	2	2	2	0	0
14	Veterinary Microbiology	2	3	2	2	0	0
15	Veterinary Parasitology	2	3	2	2	0	0
16	Veterinary Pathology	2	3	1	1	0	0
17	Veterinary Pharmacology and Toxicology	2	2	2	2	0	0
18	Veterinary Physiology	2	2	2	2	0	0
19	Veterinary Public Health	2	2	0	0	0	0
20	Veterinary Surgery and Radiology	4	3	3	2	0	0
21	Wild Life Science	3	3	0	0	0	0
22	Bio-Statistics	3	0	1	0	0	0
		51	56	37	33	4	2

M.F.Sc., and Ph.D., at Fisheries College & Research Institute, Thoothukudi

Sl. No.	Discipline	Number of Seats	
		M.F.Sc.	Ph.D.
1	Aquaculture	4	3
2	Aquatic Environment Management	3	0
3	Fish Biotechnology	1	0
4	Fisheries Economics	2	2
5	Fisheries Engineering and Technology	2	0
6	Fisheries Extension	2	0
7	Fishing Processing Technology	4	2
8	Fisheries Resource Management	3	3
9	M.F.Sc Bio-statistics *	2	0
TOTAL		23	10

* M.F.Sc degree programme in Biostatistics will be offered at Madras Veterinary College, Chennai – 600 007.

M.Tech. (Food Processing Technology) at Institute of Food and Dairy Technology, Koduvalli, Chennai – 600 052.

Number of Seats : **Three**