



TAMIL NADU VETERINARY AND ANIMAL SCIENCES UNIVERSITY

PROSPECTUS FOR POSTGRADUATE DEGREE AND POSTGRADUATE DIPLOMA PROGRAMMES 2015 -16

INTRODUCTION

Tamil Nadu Veterinary and Animal Sciences University (TANUVAS), the first of its kind in India, was established in the year 1989. TANUVAS, in its 25th year of existence and excellence, celebrates its Silver Jubilee this year. TANUVAS continues to strive in ensuring excellence in education, research and extension in the fields of veterinary, animal and food sciences. Recognizing the unequivocal contributions of TANUVAS to growth and development of livestock, poultry and food sectors, the Indian Council of Agricultural of Research has showered it with the coveted **Sardar Patel Outstanding ICAR Institution Award 2011** in the year 2012, a distinction no other Veterinary University in the country has received, which stands as a testimony to the excellence and accomplishments of TANUVAS in education, research and extension activities of livestock and poultry sectors concerned.



TANUVAS has six constituent colleges as below:

1. Madras Veterinary College (Chennai);
2. Veterinary College and Research Institute (Namakkal);
3. Veterinary College and Research Institute (Orathanadu, Thanjavur);
4. Veterinary College and Research Institute (Tirunelveli);
5. College of Food and Dairy Technology (Koduvalli, Chennai); and
6. College of Poultry Production and Management (Hosur).

TANUVAS also has seven Research Stations, 21 Veterinary University Training and Research Centres, three Krishi Vigyan Kendras, three Farmers' Training Centres, 11 Research Laboratories, two Ethno-Veterinary Herbal Training and Research Centres and one Agricultural Technology Information Centre, spread across the State to take care of research and extension needs of the livestock and poultry sectors.

MADRAS VETERINARY COLLEGE

Madras Veterinary College (MVC), established in 1903, was started offering Diploma Course (Graduate of Madras Veterinary College - GMVC) in veterinary medicine. MVC has the unique privilege of being the first Veterinary College in the country to be affiliated to a University (University of Madras) for the award of the degree of Bachelor of Veterinary Science (BVSc) as early as 1936 and later MVC was recognized as a Centre for PG Research to award MSc and PhD degrees. On the recommendation of the Indo-American Team of Agricultural Research and Education, MVC was upgraded as a Southern Regional Centre of Postgraduate Education and Research in 1958 and Master of Veterinary Science (MVSc) degree course in various subjects was started to be offered. In 1969, MVC was made as the Directorate of Veterinary Education and Research, a unique feature in the field of veterinary education in India. In 1974, this college was academically affiliated to Tamil Nadu Agricultural University (TNAU) and from 1976, it became a constituent college of TNAU and remained with it till 1989 when TANUVAS was formed. The historically famous then celebrated its centenary year in 2003. Apart from BVSc & AH, MVSc and PhD degree programmes, MSc and MPhil in Biotechnology, MBA in Food and Livestock Business Management and PG Diploma courses in Bio-informatics, Veterinary Laboratory Diagnosis and Companion Animal Practice are also offered in this college.



VETERINARY COLLEGE AND RESEARCH INSTITUTES

Veterinary College and Research Institute (Namakkal) was started in the year 1985, which celebrated its Silver Jubilee recently. Apart from BVSc & AH degree course, MVSc and PhD degree courses are also offered in this college. In addition, there are two other new Veterinary College and Research Institutes which were started at Orathanadu (Thanjavur) and Tirunelveli in the year 2012 which started offering BVSc & AH degree course from the academic year (2012-13) onwards.



COLLEGE OF FOOD AND DAIRY TECHNOLOGY

College of Food and Dairy Technology, Koduvalli, Chennai was established in 1992, with the objective of preserving and processing surplus milk and food items of animal and vegetable origin. BTech (Food Technology), MTech (Food Technology) and PhD (Food Technology) are offered at this College.



COLLEGE OF POULTRY PRODUCTION AND MANAGEMENT

College of Poultry Production and Management was started in 2012 (as Institute of Poultry Production and Management and renamed as College of Poultry Production and Management in 2013) at Hosur, Krishnagiri District to offer academic programmes in poultry production and management and to undertake research and extension in the field of poultry husbandry. BTech (Poultry Production Technology) degree course is being offered at this College.



DETAILS OF VARIOUS POSTGRADUATE DEGREE AND POSTGRADUATE DIPLOMA PROGRAMMES

Details of various Postgraduate degree programmes at Masters and Doctoral level in the faculties of basic sciences, veterinary and animal sciences and food sciences offered in the University and number of seats available in each discipline during this year are furnished in the Appendix.

I. MVSc / MTech (FT) DEGREE PROGRAMMES

A) i) Eligibility criteria for admission to MVSc degree programmes

- ❖ Candidates possessing a BVSc / BVSc & AH degree of Tamil Nadu Veterinary and Animal Sciences University or any other University recognized as equivalent thereof shall be eligible to apply. The candidates should have completed their degrees from colleges recognized by the Veterinary Council of India.
- ❖ 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 MVSc degree courses excepting those who have undergone Undergraduate degree course (BVSc & AH) 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 2.75 out of 4.00 under trimester system or 6.50 out of 10.00 or 65% aggregate under semester pattern alone are eligible to apply for admission to MVSc 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 BVSc & AH 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 MTech (Food Technology) degree programme

- ❖ Candidates possessing a BTech (FPT / FT) 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 recognized as equivalent thereof shall be eligible to apply.
- ❖ Candidates with an OGPA of 2.75 out of 4.00 under trimester system or 6.50 out of 10.00 or 65% aggregate under semester pattern alone are eligible to apply for admission to MTech (FT) 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 MVSc / MTech degree programmes shall be done on the basis of the marks obtained in the Common Entrance Examination and the qualifying examination marks obtained in the BVSc & AH / BTech degree programmes. The distribution of marks is as follows:

Common Entrance Examination marks	:	100
Qualifying examination (BVSc & AH / BTech) 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 the TANUVAS Website – www.tanuvvas.ac.in
- ❖ 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 before 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 MVSc / MTech (FT) 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:

For MVSc Degree Programmes

Sl. No.	Subjects	No. of Questions
1	Veterinary Anatomy	8
2	Animal Genetics and Breeding	10
3	Animal Husbandry Economics	5
4	Veterinary and Animal Husbandry Extension Education	6
5	Animal Nutrition	10
6	Veterinary Clinical Medicine	12
7	Livestock Products Technology (Dairy Science)	10
8	Livestock Products Technology (Meat Science)	10
9	Livestock Production Management	12
10	Veterinary Gynaecology and Obstetrics	12
11	Veterinary Parasitology	10
12	Veterinary Pharmacology and Toxicology	10
13	Poultry Science	10
14	Veterinary Preventive Medicine	10
15	Veterinary Surgery and Radiology	12
16	Veterinary Microbiology	12
17	Veterinary Pathology	10
18	Veterinary Physiology and Biochemistry	10
19	Veterinary Public Health	6
20	Biostatistics	5
21	General Knowledge, Sports, Aptitude	10
	Total	200

For MTech(Food Technology) Degree Programme

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. MVSc candidates can choose any one of the disciplines and campus 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 MVSc / MTech (FT) Degree Programmes

- ❖ Candidates who had registered for MVSc / MTech(FT) degree programmes and discontinued without prior permission of the University are not eligible to seek readmission.

II) MBA IN FOOD AND LIVESTOCK BUSINESS MANAGEMENT

A) Eligibility criteria for admission

- ❖ Candidates possessing a BVSc, BVSc & AH, BTech (Food Technology / Dairy Technology / Poultry Technology), BFSc, BSc (Ag/Hort), BTech (Food Engineering / Agri. Engineering), and all professional graduates of State Veterinary Universities / Agricultural Universities / Deemed Universities under ICAR system with a minimum of 6.00/10.00 or equivalent percentage.

B) Mode of selection

- ❖ The candidates will be selected on the basis of their performance in Entrance Test, Group Discussion and Personal Interview.

III) PhD DEGREE PROGRAMMES IN VETERINARY & ANIMAL SCIENCES AND FOOD TECHNOLOGY

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 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 who are seeking admission under Tamil Nadu state quota to the PhD Degree Programme in Veterinary and Animal Sciences, except those who have undergone Undergraduate Degree course (BVSc & AH) 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 2.75 out of 4.00 under trimester system or 6.50 out of 10.00 under semester system or 65% marks in the Masters degree alone are eligible to apply for admission to PhD degree programme in Veterinary and Animal 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.
- ❖ Candidates with BVSc & AH 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).
- ❖ However, for **PhD in Animal Biotechnology**, candidates with MVSc 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 BVSc & AH degree recognised as equivalent thereto shall be eligible to apply.
- ❖ For **PhD in Livestock Products Technology**, candidates with MVSc degree in Dairy Science (or) Meat Science and Technology (or) Livestock Products Technology with a basic BVSc & AH degree recognised as equivalent thereto shall be eligible to apply.
- ❖ For **PhD in Food Technology**, candidates with M.Sc in Food Technology, Food Science and Technology, Post Harvest Technology, Food Processing Technology, Food Process Engineering, Dairy Technology, Dairy Engineering, Biochemistry/Food Chemistry and candidates with Master Degree in Food Technology related engineering Subjects shall be eligible to apply candidates with an OGPA of 2.75 out of 4.00 under trimester system or 6.50 out of 10.00 under semester system or 55% marks in conventional system in masters degree alone or eligible for admission to PhD in Food Technology. For SC / ST candidates, a minimum pass is sufficient.

B) Mode of selection

- ❖ Candidates for PhD 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 MVSc / MTech (FT)	-	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 candidates qualified for Senior Research Fellowship of ICAR are exempted from appearing for entrance examination. 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 PhD 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 6.50 out of 10.00 in order to earn a Post Graduate (MVSc / MTech / MBA / PhD) degree.

SCHOLARSHIPS

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

a) For MVSc / MTech (FT) students

- Adi-Dravida Welfare Scholarship
- Backward Class Scholarship
- TANUVAS Merit Scholarship (Priority will be given to Tamil Nadu State Candidates on merit basis)
- Pattukottai Azhagiri Endowment Scholarship

b) For MVSc Students only

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

c) For PhD Students

- Pattukottai Azhagiri Endowment Scholarship
- TANUVAS Merit Scholarship (Priority will be given to Tamil Nadu State Candidates on merit basis)

FEES AND DEPOSITS

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

(MVSc / MTech / MSc / MBA - 4 Semesters, PhD - 6 Semesters, PG Diploma - 2 Semesters)

S. No.	Particulars	I Semester (in Rs.)	II, IV and VI (for each Semester) (in Rs.)	III and V (for each Semester) (in Rs.)
1.	Tuition Fees	5000	5000	5000
2.	Examination Fees	5000	5000	5000
3.	Special Fees			
	(i) College Magazine	200	200	200
	(ii) University Calendar	50	-	50
	(iii) Library Fees	500	500	500
	(iv) Sports, Games charges	100	100	100
	(v) Computer charges	500	500	500
	(vi) Laboratory contingency fund	2000	2000	2000
	(vii) Registration, Enrolment fees	300	-	-
	(viii) Admission fees	300	-	-
	(ix) Syllabus	100	-	-
	(x) Identity Card	100	-	-
	(xi) Transport charges	100	-	100
	(xii) Day Scholar amenity	100	-	100

4.	Other charges			
(i)	Students Association	200	-	200
(ii)	Alumni Association	100	-	100
(iii)	Personal accident insurance fee	350	-	350
(iv)	Transcript card/degree certificate charges	400	-	-
(v)	Co-operative Society fees: (Membership fee Rs.10/- share Capital Rs.15/- and Trade deposit Rs.100/-*)	125	-	-
(vi)	Lab fund	2000	2000	2000
(vii)	Library Caution deposit*	500	-	-
	Total	18025	15300	16200

* Refundable

❖ **The student who enrolls for MBA (Food and Livestock Business Management) shall be required to pay the above prescribed fee and an additional fee of Rs.25,000/- per semester.**

IV) MPhil IN BIOTECHNOLOGY (TWO SEMESTERS)

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 1½ 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. The question pattern will be of following type:

Sl. No	Subjects	No. of Questions
1.	Genetics	15
2	Microbiology	15
3	Molecular Biology	20
4	Biotechnology	25
	Total	75

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.

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 Biotechnology and submit a project report for evaluation before the end of the second semester. To earn the MPhil degree in Biotechnology, a student shall have to secure a minimum Overall Grade Point Average (OGPA) of 6.50 out of 10.00.

G) Fees and Deposits

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

S.No.	Particulars	I Semester (in Rs.)	II Semester (in Rs.)
1	Tuition fees	7500	7500
2	Examination fees	2500	2500
3	Special Fees		
	1. Students Association fees	200	-
	2. Subscription to College Magazine	100	100
	3. University Calendar	50	-
	4. Library fees	150	150
	5. Sports, Games charges	50	50
	6. Computer charges	150	150
	7. Laboratory Contingency Fund	750	750
	8. Personal Accident Insurance Fees	350	-
	9. Registration Enrollment fee	200	-
	10. Admission fee	300	-
	11. Syllabus	100	-
	12. Transcript Card/Degree Certificate charges	200	-
	13. Co-operative Society fees	125	-
	14. Transport charges	100	-
	15. Days Scholar Amenity	100	-
	16. TANUVAS Alumni Association	100	-
4	Laboratory Fees	12375	14050
	Total	25,400	25,250

V) M.Sc. IN BIOINFORMATICS

A) Eligibility criteria for admission

Any graduate with a minimum qualification of BVSc, BVSc & AH, MBBS, BDS, or BSc 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 2.75/4.00 in trimester system or 6.50/10.00 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 MSc (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 1½ 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	8
2	Molecular Genetics	10
3	Microbiology	8
4	Cell Biology and Biotechnology	12
5	Biomolecules and their structures	12
6	Techniques in Genetics Engineering	10
7	Biological databases	10
8	Information Technology	5
Total		75

E) Counseling procedure

Admission to MSc 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 6.50 out of 10.00 in order to earn MSc (Bioinformatics) course.

G) Fee

Fee payable is detailed in Page Nos. 6 and 7.

VI) MSc IN BIOSTATISTICS

A) Eligibility for admission

Graduate with BSc(Ag) / BSc(Hort) / BTech(FPT) / BTech(Dairy Tech) or any degree in life / biological sciences with an OGPA of 2.75/4.00 in trimester system or 6.50/10.00 in semester system or 50% in conventional system. A minimum pass is sufficient for SC / ST candidates.

B) Number of seats: TWO

C) Mode of selection

The selection of candidates for admission to MSc (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 1½ 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:

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

E) Counseling procedure

Admission to MSc Biostatistics 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 6.50 out of 10.00 in order to earn MSc (Biostatistics) course.

G) Fee

Fee payable is detailed in Page Nos. 6 and 7.

VII. POSTGRADUATE DIPLOMA IN BIOINFORMATICS (TWO SEMESTERS)

A) Eligibility for admission

A graduate with any one of the following qualifications: BVSc,/ BVSc & AH, BFSc, BSc(Agri), BSc(Hort), BE, BTech, MBBS, BDS, MSc, 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 2.75/4.00 in trimester system or 6.50/10.00 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.

S.No	Subjects	No. of Questions
1	Information Technology	20
2	Biology	20
3	Computer Science	20
4	Physical sciences including Mathematics and Statistics	15
	Total	75

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	I Semester (in Rs.)	II Semester (in Rs.)
1	Tuition fee	10,000	10,000
2	Examination fee	1,000	1,000
3	Special fee	1,850	1,200
4	Library Caution Deposit	500	-
5	Personal Accident Insurance Fees	350	-
6	Other Charges	2,075	-
	Total	15,775	12,200

VIII) POSTGRADUATE DIPLOMA PROGRAMMES (TWO SEMESTERS)

(POSTGRADUATE DIPLOMA IN VETERINARY LABORATORY DIAGNOSIS and POSTGRADUATE DIPLOMA IN COMPANION ANIMAL PRACTICE)

A) Eligibility criteria for admission

Candidates possessing a BVSc/ BVSc & AH 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 2.75/4.00 in trimester system or 6.50/10.00 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 : **6 seats**
(ii) Companion Animal Practice : **6 seats**

C) Mode of selection

The selection of candidates for admission to Post Graduate Diploma in Veterinary Laboratory Diagnosis / Companion Animal Practice will be based on the marks obtained in the entrance examination and the qualifying examination marks obtained in the BVSc / BVSc & AH course. The distribution of marks is as follows:

Common Entrance Examination marks	: 75
Qualifying examination (BVSc / BVSc & AH) marks	: 100
Total	: 175

D) Common entrance examination

The entrance examination for Post Graduate Diploma in Veterinary Laboratory Diagnosis / Companion Animal Practice will be with 75 objective type questions with four responses for 1½ hour duration covering the broad areas of Veterinary Gynaecology and Obstetrics, Veterinary Clinical Medicine, Veterinary Preventive Medicine, Veterinary Microbiology, Veterinary Parasitology, Veterinary Physiology and Biochemistry, Veterinary Pathology and Veterinary Surgery and Radiology. 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	Veterinary Gynaecology and Obstetrics	10
2	Veterinary Clinical Medicine	10
3	Veterinary Preventive Medicine	5
4	Veterinary Microbiology	10
5	Veterinary Parasitology	10
6	Veterinary Physiology & Biochemistry	10
7	Veterinary Pathology	10
8	Veterinary Surgery & Radiology	10
	Total	75

E) Counseling procedure

Admission to Postgraduate Diploma in Veterinary Laboratory Diagnosis / Companion Animal Practice 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 the courses 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 and dissertation credits prescribed from time to time, carry out research project in the area of Veterinary Laboratory Diagnosis / Companion Animal Practice and submit a project report for evaluation before the end of the second semester.

G) Fees and Deposits

As followed in MVSc and PhD Degree Courses (see Page Nos. 6 and 7)

RESERVATION

The rules of reservation as per the Government of Tamil Nadu shall be followed. Rules of reservation are applicable only 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 Rs.5,000/- will be collected as hostel deposit.

IMPORTANT NOTE

A candidate who has been selected for admission to MVSc / MTech / MBA / MSc / MPhil / PhD / PG Diploma programmes should register for the course concerned 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 Rs.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 MVSc, PhD, MPhil. (Biotechnology), MBA in Livestock and Business Management, MTech (Food Technology), MSc (Bioinformatics), MSc (Biostatistics), PG Diploma in Bioinformatics, Veterinary Laboratory Diagnosis and Companion Animal Practice needs to be submitted.
2. Application form, Hall ticket and Prospectus can be downloaded from the University Website - www.tanuvas.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 (Rs.500/- for SC/ST and Rs.1000/- for others).**
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 submitted 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 submit any of the above documents will make the candidate ineligible for admission.
20. All the candidates admitted under these categories should abide by the Academic Rules and Regulations prescribed in the Act, Statutes, Rules and Regulations (ASRR) of the University, which may be subject to revision from time to time

CHECK LIST

The application should be sent with the following:

1. Filled in application with passport size photograph.
2. Registration fee in the form of Demand Draft.
3. Nativity Certificate in the prescribed format (if applicable).
4. Attested copy of the SSLC / HSC mark sheet or First page of Service Register in proof of date of birth.
5. 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.
6. Attested copy of the Provisional / Degree Certificate of Bachelor’s / Master’s Degree.
7. 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.
8. Attested copy of the conduct certificate from the Head of the Institution last studied.
9. Duly filled hall ticket (do not stitch the hall-ticket to the application form). Use gem clip for attachment to the application form.
10. Attested copy of the Service Certificate showing the details of service / experience.
11. Copies of Research article, Popular article, Book, Manual, Booklet published, Proof for Medals / Awards etc., (for PhD, MSc, MPhil and PG Diploma in Bioinformatics candidates only) need to be enclosed.

Note: Filled in applications should reach **the Chairman, Admission Committee Tamil Nadu Veterinary and Animal Sciences University, Madhavaram Milk Colony, Chennai-600 051 on or before 12.08.2015 at 5.00 pm.**

Date and venue of Entrance Examination for all courses: 01.09.2015, 09.30 AM at Madras Veterinary College, Vepery, Chennai – 600 007.

APPENDIX

SEATS TO BE FILLED IN DIFFERENT POSTGRADUATE DEGREE COURSES DURING 2015-16

I) MVSc and PhD (Veterinary and Animal Sciences)

Sl.	Discipline	Number of Seats			
		MVSc		PhD	
		MVC	VCRI	MVC	VCRI
1	Animal Biotechnology	3	-	4	-
2	Animal Genetics and Breeding	3	1	3	1
3	Animal Husbandry Economics	2	2	2	1
4	Animal Nutrition	2	2	2	2
5	Veterinary Gynaecology and Obstetrics	2	1	3	1
16	Livestock Production Management	2	2	2	2
7	Livestock Products Technology	6	2	6	2
8	Poultry Science	3	5	2	2
9	Veterinary Anatomy	3	1	3	1
10	Veterinary and Animal Husbandry Extension Education	2	1	3	2
11	Veterinary Biochemistry	3	-	-	-
12	Veterinary Clinical Medicine	3	2	3	1
13	Veterinary Preventive Medicine	2	3	2	2
14	Veterinary Microbiology	2	1	3	1
15	Veterinary Parasitology	2	1	3	1
16	Veterinary Pathology	3	1	3	1
17	Veterinary Pharmacology and Toxicology	2	2	2	2
18	Veterinary Physiology	2	1	3	1
19	Veterinary Surgery and Radiology	6	2	3	1
20	Wild Life Science	4	-	3	-
21	Veterinary Public Health	1	-	1	1
22	Biostatistics	2	-	-	-
Total		60	30	56	25

II) MTech (Food Technology) at College of Food and Dairy Technology, Koduvalli, Chennai

Number of Seats: **Ten**

III) PhD (Food Technology) at College of Food and Dairy Technology, Koduvalli, Chennai

Number of seats: **Five** (3 seats for fresh Candidates and 2 seats for candidates who have put in service)

IV) MBA (Food and Livestock Business management) at Madras Veterinary College, Chennai

Number of seats: **Five**