



**TAMIL NADU VETERINARY AND ANIMAL SCIENCES UNIVERSITY
PROSPECTUS FOR POSTGRADUATE DEGREE AND
POSTGRADUATE DIPLOMA PROGRAMMES
FOR THE ACADEMIC YEAR 2018-19**

PREAMBLE

Tamil Nadu Veterinary and Animal Sciences University (TANUVAS), the first of its kind in India, was established in the year 1989. TANUVAS is in its 29th year of existence and excellence. TANUVAS continues to strive in ensuring international excellence in providing education, research and extension in the fields of veterinary, animal and food sciences. The University innovates and disseminates scientific / technical knowledge and skill for enhancing livestock and poultry productivity through the use of technologies of social, economic and environmental relevance by adopting a team approach.



TANUVAS has the following six constituent colleges

1. Madras Veterinary College, Chennai – 600 007
2. Veterinary College and Research Institute, Namakkal – 637 002
3. Veterinary College and Research Institute, Tirunelveli - 627 358
4. Veterinary College and Research Institute, Orathanadu, Thanjavur – 614 625
5. College of Food and Dairy Technology, Koduvalli, Chennai – 600 052
6. College of Poultry Production and Management, Hosur – 635 110

Apart from Undergraduate degree programmes (BVSc & AH and BTech (Food Technology / Poultry Technology / Dairy Technology)), the University offers MVSc / MSc / PhD degree programmes and several PG Diploma courses.

TANUVAS also has 11 Research Stations including Institute of Animal Nutrition and Central Feed Technology Unit, 17 Research Laboratories including Translational Research Platform for Veterinary Biologicals (TRPVB), Centre for Stem Cell Research and Regenerative Medicine, two Ethno-Veterinary Herbal Training and Research Centres and one Veterinary University Training and Diagnostic Centre (VUTDC), 20 Veterinary University Training and Research Centres (VUTRC), three each Krishi Vigyan Kendras (KVK) and Farmers' Training Centres (FTC) and one Agricultural Technology Information Centre (ATIC) spread across the State to take care of research and extension needs of the livestock and poultry sectors.

TANUVAS continues to take a lead in reaching out to the target audience - veterinary professionals, livestock farmers, pet owners and para-veterinarians and established a separate Directorate of Distance Education in the year 2011. This Directorate has the University Publication Division which publishes scientific journal, magazines, books and newsletters, and produces video lessons and documentaries, television and radio programmes for the target audience.

The University offers 15 Post-Graduate Diploma Programmes in various specialty areas in distant mode to enable the graduates of veterinary science / other sciences to make them acquainted with needy techniques or technologies. TANUVAS also offers a number of skill development and employment courses for the benefit of farmers, entrepreneurs, rural youth and women with a view to develop their knowledge and skills relating to livestock and poultry farming and post production areas. TANUVAS also started "Animal Mobile Medical Ambulance" for rural veterinary care in the year 2016, first of its kind in India, to facilitate animal treatment at the farmers' door step.

MADRAS VETERINARY COLLEGE

Madras Veterinary College (MVC), established in the year 1903, 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 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 onwards it became a constituent college of TNAU till 1989 when TANUVAS was formed. This historically famous college then celebrated its centenary year in 2003.



VETERINARY COLLEGE AND RESEARCH INSTITUTES

Veterinary College and Research Institute (Namakkal) was started in the year 1985, which celebrated its Silver Jubilee recently. 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.



COLLEGE OF FOOD AND DAIRY TECHNOLOGY

College of Food and Dairy Technology, Koduvalli, Chennai was established in the year 1992, with the objective of preserving and processing of livestock and food products. BTech (Food Technology / Dairy Technology), MTech (Food Technology) and PhD (Food Technology) programmes are offered at this College.



COLLEGE OF POULTRY PRODUCTION AND MANAGEMENT

College of Poultry Production and Management was started in the year 2012 at Hosur, Krishnagiri District to offer academic programmes in poultry production and management. BTech (Poultry 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 are furnished below.

The number of seats available in each discipline during this academic year is furnished in the Annexure.

I. MASTER DEGREE PROGRAMMES

A) Eligibility criteria for admission

i) 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.

- ❖ **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 Tamil Nadu 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 after filling the State quota.**
- ❖ **Candidates from other states can not claim admission in the quota reserved for Tamil Nadu state candidates as a matter of right on the basis of merit.**
- ❖ **Tamil Nadu State candidates who have undergone undergraduate degree course (BVSc & AH) outside Tamil Nadu and seeking admission under Tamil Nadu state quota to the MVSc degree courses should furnish a **Nativity Certificate** issued by the competent authority in the prescribed format.**
- ❖ **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 in undergraduate degree alone are eligible to apply for admission to MVSc degree programmes. 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) 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 YEAR** degree programme in **Food Processing Technology / Food Technology / Food Process Engineering / Food Science & Nutrition / Dairy Technology/ Biotechnology** shall be eligible to apply.**
- ❖ **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 Tamil Nadu 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 after filling the State quota.**
- ❖ **Candidates from other States can not claim admission in the quota reserved for Tamil Nadu state candidates as a matter of right on the basis of merit.**
- ❖ **Tamil Nadu State candidates who have undergone relevant undergraduate degree course outside Tamil Nadu and seeking admission under Tamil Nadu State quota to the MTech (FT) degree course should furnish a **Nativity Certificate** issued by the competent authority in the prescribed format.**
- ❖ **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 in undergraduate degree 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 degree marks obtained in the BVSc & AH / BTech degree programmes. The distribution of marks is as follows:

Common Entrance Examination mark	:	100
Qualifying degree (BVSc & AH / BTech) mark	:	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 the same will be displayed in the notice board at the office of Chairman, Admission Committee, Madras Veterinary College Campus, Chennai and also hosted 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 elder candidate shall be placed before the younger candidate.
- ❖ The eligible candidates will be called for Counselling as per the merit list. Candidates securing **less than 50% of total marks are not eligible** for Counselling. SC / ST candidates securing **less than 40% of total marks are not eligible** for Counselling.

C) Common entrance examination

- ❖ The questions for Common Entrance Examination of MVSc / MTech (FT) will be based on undergraduate level comprising **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 Counselling information letter can be downloaded online only by the eligible candidates.
- ❖ Admission to Entrance Examination **does not confer the right of admission to the course to the candidate.**
- ❖ 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 re-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

Sl. No.	Subjects	No. of Questions
15	Veterinary Surgery and Radiology Veterinary Surgery and Radiology / Veterinary Anaesthesiology	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) Counselling procedure

- ❖ Eligible candidates will be called for Counselling as per the rank. MVSc candidates can choose any one of the disciplines and campus available at the time of Counselling. 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 Counselling based on merit and vacancy.

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 re-admission.

II) PhD DEGREE PROGRAMMES IN VETERINARY & ANIMAL SCIENCES, FOOD TECHNOLOGY AND BIOTECHNOLOGY

A) Eligibility criteria for admission

i) PhD DEGREE PROGRAMMES IN VETERINARY & ANIMAL SCIENCES

- ❖ **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 Tamil Nadu 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 after filling the State quota.**
- ❖ **Candidates from other States can not claim admission in the quota reserved for Tamil Nadu State candidates as a matter of right on the basis of merit.**
- ❖ Tamil Nadu State Candidates who have undergone undergraduate degree course (BVSc & AH) outside Tamil Nadu and seeking admission under Tamil Nadu State quota to the Ph.D. degree courses should furnish a **Nativity Certificate** issued by the competent authority in the prescribed format.
- ❖ 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 recognized University shall alone be eligible to apply (Except Animal Biotechnology and Livestock Products Technology).
- ❖ For **PhD in Animal Biotechnology**, candidates with MVSc degree in any field of specialization (except Animal Husbandry Economics, Veterinary and Animal Husbandry Extension and Bio-Statistics) or MSc degree in Biotechnology with basic BVSc & AH degree recognized 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 recognized as equivalent thereto shall be eligible to apply.

ii) PhD DEGREE PROGRAMME IN FOOD TECHNOLOGY

- ❖ Candidates applying for admission to PhD in Food Technology, should have studied a minimum of **FOUR YEARS** Undergraduate Degree programme – BTech / BE / BVSc / BSc in Food Technology / Food Sciences & Technology / Food Processing Technology/ Food Process Engineering / Food Science & Nutrition / Dairy Science / Dairy Technology / Dairy Chemistry / Dairy Microbiology / Dairy Engineering / Biotechnology / Livestock Products Technology with Master degree in any one of the above disciplines in regular stream shall be eligible to apply and candidates with MTech / ME / MVSc / MSc degree in Food Technology / Food Sciences and Technology / Food Processing Technology / Food Process Engineering / Post Harvest Technology / Food Science & Nutrition / Dairy Science / Dairy Technology / Dairy Chemistry / Dairy Microbiology / Dairy Engineering/ Bio-Technology / Livestock Products Technology in regular stream with Undergraduate degree in any one of the above discipline in regular stream 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 are eligible for admission to PhD in Food Technology. For **SC / ST candidates, a minimum pass is sufficient.**

iii) PhD DEGREE PROGRAMME IN BIOTECHNOLOGY

- ❖ Candidates with Master degree in the disciplines of Biotechnology (MSc/MTech), Molecular Biology, Gene Technology, Animal Biotechnology (MSc) Biochemistry, Microbiology, Environmental Sciences, Genetics, Marine Biology, Life Sciences and Fisheries Sciences (except Fisheries Economics, Fisheries Statistics and Fisheries Extension) from recognized Universities with first class shall be eligible to apply.

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 / Marks in PG Degree	-	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 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.
- ❖ The Entrance Examination Hall Ticket and Counselling information letter can be downloaded online only by 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 re-enter the examination hall again.

D) Counselling procedure

- ❖ Admission to PhD degree course shall be made by Counselling on the basis of total marks duly applying the rule of reservation. Candidates securing **less than 50% of total marks are not eligible for Counselling**. **SC/ST candidates securing less than 40% of total marks are not eligible for Counselling**.

SYSTEM OF EDUCATION

The pattern of instruction and evaluation is as per the semester course credit system. An enrolled student should complete the course and research credits approved by the University 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 / PhD) degree.

SCHOLARSHIPS

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

a) For MVSc / MTech (FT) students

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

b) For MVSc Students only

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

c) For PhD Students

- i) Pattukottai Azhagiri Endowment Scholarship
- ii) 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 – 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

** Non Refundable

* Refundable

- ❖ The student who enrolls for MSc (Biotechnology) shall be required to pay the above prescribed fee and an additional fee of Rs. 10,000/- as lab fees each for third and fourth Semesters.
- ❖ The student who enrolls for PhD (Biotechnology) shall be required to pay the above prescribed fee plus a lab fee of Rs. 10,000/- each in odd semesters (1st, 3rd and 5th).

III. MSc IN BIOTECHNOLOGY

A) Eligibility Criteria for admission

A Candidate with Bachelor degree in the disciplines of Biotechnology / Molecular Biology / Gene Technology / Animal Biotechnology (General stream, 3 years programme) / Biochemistry / Microbiology / Environmental Sciences / Genetics / Marine Biology and Fisheries Sciences / other Life Sciences from recognized Universities shall be eligible to apply.

B) Number of Seats: FIVE

C) Mode of selection

The selection of candidates for admission into MSc (Biotechnology) will be based on the marks obtained in the entrance examination and the qualifying degree marks.

The distribution of marks is as follows:

Common Entrance Examination mark	: 75
Qualifying degree mark	: 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 have 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.	Genetics	10
2.	Microbiology	10
3.	Molecular Biology	15
4.	Biotechnology	20
5.	Biochemistry	10
6.	Nanotechnology	10
Total		75

E) Counselling procedure

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

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 approved by the University 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 (Biotechnology) degree.

G) Fee

Fee payable is detailed in Page No. 8.

IV) POSTGRADUATE DIPLOMA PROGRAMMES (TWO SEMESTERS)

i. POSTGRADUATE DIPLOMA IN VETERINARY LABORATORY DIAGNOSIS and

ii. 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 shall be eligible to apply. A minimum pass is sufficient for SC/ ST candidates.**

B) Number of seats for each course

- (i) PG Diploma in Veterinary Laboratory Diagnosis : **THREE**
- (ii) PG Diploma in Companion Animal Practice : **THREE**

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 degree marks obtained in the BVSc / BVSc & AH course. The distribution of marks is as follows:

Common Entrance Examination mark	:	75
Qualifying degree (BVSc / BVSc & AH) mark	:	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 following broad areas. 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

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.

E) Counselling procedure

Admission to Postgraduate Diploma in Veterinary Laboratory Diagnosis / Companion Animal Practice shall be made by Counselling on the basis of total marks duly applying the rule of reservation. Candidates securing **less than 40% of total marks are not eligible for Counselling. SC/ST candidates securing less than 35% of total marks are not eligible for Counselling.**

F) System of education

The duration of the courses is one year comprising 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 as approved by the University 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

Fee payable is detailed in Page No. 8

iii. POSTGRADUATE DIPLOMA IN DAIRY PROCESSING AND QUALITY SYSTEM

A) Eligibility criteria for admission

A Candidate with Full time bachelor degree in Botany, Zoology, Physics, Chemistry, Nutrition, Dietetics, Food Science, Home Science, Biotechnology, Biochemistry and Veterinary Science. Students who have obtained bachelor degree through correspondence (distance mode) are not eligible.

B) Number of Seats: FIVE

C) Mode of selection

The selection of candidates for admission to Post Graduate Diploma in Dairy Processing and Quality System will be based on the marks obtained in the entrance examination and the qualifying degree marks.

The distribution of marks is as follows:

Common Entrance Examination mark	: 75
Qualifying degree mark	: 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 for Post Graduate Diploma in Dairy Processing and Quality System will have 75 objective type questions with four responses for 1½ hour duration covering the following broad areas. The details of number of questions for the entrance examination are as shown below:

Sl. No.	Subjects	No. of Questions
1	Processing Technique of Fluid Milk	25
2	Processing Technique of Dairy Products	15
3	Quality Systems in Dairy Industry	15
4	Packaging in Dairy Industry	10
5	Cleaning and Sanitization and Effluent Treatment in Dairy Industry	10
	Total	75

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 elder candidate shall be placed first than the younger candidate.

E) Counselling procedure

Admission to Postgraduate Diploma in Dairy Processing and Quality System shall be made by Counselling on the basis of total marks duly applying the rule of reservation. Candidates securing **less than 40% of total marks are not eligible for Counselling. SC/ST candidates securing less than 35% of total marks are not eligible for Counselling.**

F) System of education

The duration of the courses is one year comprising 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 as approved by the University from time to time, carry out research project in the area of Dairy Processing and Quality System and submit a project report for evaluation before the end of the second semester.

G) Fees and Deposits

Fee payable is detailed in Page No. 8.

iv. POSTGRADUATE DIPLOMA ON FOOD TOXICOLOGY AND SAFETY MANAGEMENT

A) Eligibility criteria for admission

Candidates possessing a BVSc & AH / MBBS / BSc Agriculture / BTech Food Technology / BTech Poultry Production Technology / BTech Food Science Faculty / BTech Dairy Technology / MSc Nutrition and Dietetics / MSc Food and Nutrition / MSc Home Science / BTech Biotechnology / MSc Biochemistry or equivalent courses. Students who have obtained BSc Degree through correspondence (distance mode) are not eligible.

B) Number of Seats: FIVE**C) Mode of selection**

The selection of candidates for admission to Post Graduate Diploma in Food Toxicology and Safety Management will be based on the marks obtained in the entrance examination and the qualifying degree marks. The distribution of marks is as follows:

Common Entrance Examination mark	: 75
Qualifying degree mark	: 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 for Post Graduate Diploma in Food Toxicology and Safety Management will have 75 objective type questions with four responses for 1½ hour duration covering the following broad areas. The details of number of questions are as shown below:

Sl. No.	Subjects	No. of Questions
1	Veterinary Pharmacology and Toxicology	25
2	Veterinary Medicine	15
3	Livestock Production and Management	15
4	Animal Biotechnology	10
5	Veterinary Microbiology	10
	Total	75

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 elder candidate shall be placed first than the younger candidate.

E) Counselling procedure

Admission to Postgraduate Diploma in Food Toxicology and Safety Management shall be made by Counselling on the basis of total marks duly applying the rule of reservation. **Candidates securing less than 40% of total marks are not eligible for Counselling. SC/ST candidates securing less than 35% of total marks are not eligible for Counselling.**

F) System of education

The duration of the course is one year comprising two semesters. The pattern of instruction and evaluation is as per the semester course credit system. An enrolled student should complete the course work and dissertation credits as approved by the University from time to time, carry out research project in the area of Food Toxicology and Safety Management and submit a project report for evaluation before the end of the second semester.

G) Fees and Deposits

Fee payable is detailed in Page No. 8.

v. POSTGRADUATE DIPLOMA IN SMALL ANIMAL EMERGENCY AND CRITICAL CARE MEDICINE**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 shall be eligible to apply. 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 Post Graduate Diploma in Small Animal Emergency and Critical Care Medicine will be based on the marks obtained in the entrance examination and the qualifying degree marks obtained in the BVSc / BVSc & AH course. The distribution of marks is as follows:

Common Entrance Examination mark	:	75
Qualifying degree (BVSc/ BVSc & AH) mark	:	100
Total	:	175

D) Common entrance examination

The entrance examination for Post Graduate Diploma in Small Animal Emergency and Critical Care Medicine will have 75 objective type questions with four responses for 1½ hour duration covering the following broad areas. The details of number of questions are as shown below:

Sl. No.	Subjects	No. of Questions
1	Small Animal Physical Examination – Vital Signs, Inspection, Palpation, percussion and auscultation	10
2	Clinical procedures and monitoring techniques – Centesis techniques, tracheostomy, catheterization techniques, feeding tubes, diagnostic peritoneal lavage, gastric lavage.	10
3	General Systemic Conditions- Pyrexia, Hypothermia, Hyperthermia, SIRS, Septicemia, shock	10
4	Gastrointestinal Emergencies – Acute abdomen, GDV, FB obstructions, hematemesis, hemorrhagic gastroenteritis, acute pancreatitis, hepatic encephalopathy	12
5	Cardiovascular and respiratory Emergencies – cardiac and respiratory failure, CPR, oxygen therapy, ventilation techniques, DCM, HCM, tracheal collapse, Pneumothorax, chylothorax, hemothorax,	13
6	Renal and urological emergencies – Acute renal failure, obstructive urolithiasis, uremic encephalopathy	10
7	Neurological and toxic emergencies, seizures, management of common toxicities and snake envenomation	10
	Total	75

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 elder candidate shall be placed first than the younger candidate.

E) Counselling procedure

Admission to Postgraduate Diploma in Veterinary Small Animal Emergency and Critical Care Medicine shall be made by Counselling on the basis of total marks duly applying the rule of reservation. **Candidates securing less than 40% of total marks are not eligible for Counselling. SC/ST candidates securing less than 35% of total marks are not eligible for Counselling.**

F) System of education

The duration of the course is one year comprising two semesters. The pattern of instruction and evaluation is as per the semester course credit system. An enrolled student should complete the course work and dissertation credits as approved by the University from time to time, carry out research project in the area of Small Animal Emergency and Critical Care Medicine and submit a project report for evaluation before the end of the second semester.

G) Fees and Deposits

Fee payable is detailed in Page No. 8.

vi. POSTGRADUATE DIPLOMA IN SMALL ANIMAL DERMATOLOGY

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 shall be eligible to apply. 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 Post Graduate Diploma in Small Animal Dermatology will be based on the marks obtained in the entrance examination and the qualifying degree marks obtained in the BVSc / BVSc & AH course. The distribution of marks is as follows:

Common Entrance Examination mark	:	75
Qualifying degree (BVSc / BVSc & AH) mark	:	100
Total	:	175

D) Common entrance examination

The entrance examination for Post Graduate Diploma in Small Animal Dermatology will have 75 objective type questions with four responses for 1½ hour duration covering the following broad areas. The details of number of questions are as shown below:

Sl. No.	Subjects	No. of Questions
1	Special Examination of skin and adnexa in small animals – primary and secondary skin lesions – skin scraping – acetate impression -	10
2	Dermatological Therapy – Topical formulations – Antipruritic therapy – antihistamines – steroids – essential fatty acids – Anti – inflammatory drugs – Antibacterial – common antibiotics – Antifungal therapy – Anti allergic therapy - Immunosuppressive / immuno modulator – corticosteroids	15
3	Common Bacterial and fungal dermatitis and their management	10
4	Pigmentation and keratinisation disorders	10
5	Nutritional deficiencies and skin affections	10
6	Endocrine skin diseases and skin tumors	10
7	Ear diseases and Immune mediated skin diseases	10
	Total	75

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 elder candidate shall be placed first than the younger candidate. E) Counselling procedure

Admission to Postgraduate Diploma in Small Animal Dermatology shall be made by Counselling on the basis of total marks duly applying the rule of reservation. **Candidates securing less than 40% of total marks are not eligible for Counselling. SC/ST candidates securing less than 35% of total marks are not eligible for Counselling.**

F) System of education

The duration of the course is one year comprising 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 as approved by the University from time to time, carry out research project in the area of Small Animal Emergency and Critical Care Medicine and submit a project report for evaluation before the end of the second semester.

G) Fees and Deposits

Fee payable is detailed in Page No.8.

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

- Hostel for the students are available in each campus and the messes are run on a dividend system.
- The students will be accommodated in the hostels to the extent possible, as the facilities are limited.
- 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 / MSc / 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 **stands 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

- Separate application for MVSc, PhD (Veterinary/Food Technology/Biotechnology), MTech (Food Technology), MSc (Biotechnology), PG Diploma in Veterinary Laboratory Diagnosis, Companion Animal Practice, Food Toxicology and Safety Management, Dairy Processing and Quality System, Small Animal Emergency and Critical Care Medicine and Small Animal Dermatology needs to be submitted.
- In service candidates from Directorate of Animal Husbandry and Veterinary Services, Tamil Nadu are eligible to apply for MVSc and PhD degree programmes in disciplines of Veterinary and Animal Sciences as per the G.O. letter No. MS. No.134/AH7/2016, dated 16.09.2016 of the Secretary to Govt. Animal Husbandry, Dairying and Fisheries (AH-7) Dept. Chennai – 9.
- Candidates should carefully read the prospectus before filling up the application form online. All rows / columns in the application should be correctly and completely filled in.
Candidates may submit applications **online** at www.tanuv.ac.in, www2.tanuv.ac.in on or before **07.09.2018, 6.00 PM**.

ONLY ONLINE APPLICATION WILL BE ACCEPTED.

OTHER FORMATS OF APPLICATION WILL SUMMARILY BE REJECTED.

- If, for any reason (for want of more details), the candidate is not able to fill in all the required columns at a stretch, he / she may **SAVE** the application for future access. Upon saving the application, the candidate will be given a **Login ID and password** for editing the contents later and submission before the due date.

5. After filling in all the relevant columns in the application, the candidates may recheck the details provided by them before submission through **PREVIEW**.
6. **Candidates should ensure that correct amount of ONLINE APPLICATION FEE (Rs.500/- for SC & ST and Rs.1000/- for other candidates for each application) paid by using the method viz. a) Credit Card b) Debit Card and c) Internet Banking in the ONLINE PAYMENT GATEWAY.**
PAYMENT BY ANY OTHER MODE WILL NOT BE ACCEPTED
7. After the online submission of application, the candidate will receive an SMS and email that his / her application(s) is (are) submitted successfully.
8. After the receipt of this SMS / email, the candidates may take a print out of the application submitted online. Candidates not receiving the SMS / e-mail even after 48 hours post submission may contact the Admission Committee through email admission@tanuvas.org.in.
9. **No addition, deletion or alteration of any particulars relating to the application is permitted after the submission of the application.**
10. AFTER SUBMITTING THE APPLICATION ONLINE, THE CANDIDATES SHOULD TAKE THE PRINTOUT, DULY SIGNED BY THE CANDIDATE, ATTACH RELEVANT CERTIFICATES/ DOCUMENTS AND SEND THEM SEPARATELY FOR EACH APPLICATION BY POST / IN PERSON TO THE CHAIRMAN, ADMISSION COMMITTEE (PG), TAMIL NADU VETERINARY AND ANIMAL SCIENCES UNIVERSITY, MADHAVARAM MILK COLONY, CHENNAI-600 051 ON OR BEFORE: 17.09.2018, 5.45 P.M.
11. **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 submit their applications online and send their applications sufficiently early.**
12. Candidates are requested to study the prospectus carefully before filling up the application form.
13. Candidates possessing the minimum qualifications as prescribed in the prospectus alone will be considered.
14. **The cutoff date for all the eligibility conditions is 17.09.2018.**
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 hard copy of online filled applications through proper channel.
17. **COMMON ENTRANCE EXAMINATION FOR ALL POST GRADUATE DEGREE / DIPLOMA COURSES**
 - ❖ **The Entrance Examination Hall Ticket and Counselling information letter can be downloaded online at www.tanuvas.ac.in / www2.tanuvas.ac.in only by 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.
18. 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 Counselling.

19. Candidates selected for admission will have to give a declaration and an undertaking at the time of admission.
20. The following original documents must be submitted at the time of admission:
 - i) Provisional/Degree certificate of Bachelor and Master degree
 - ii) Transfer Certificate/Migration Certificate
 - iii) Conduct Certificate from the Head of the Institution last studied
 - iv) Mark Sheets/Report Cards / Transcript Card of Bachelor's and Masters degree
 - v) Community Certificate

Failure to submit any of the above documents will make the candidate ineligible for admission.
21. 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 hard copy of online filled application should be sent with the following:

1. Duly signed hard copy of online filled-in application
2. Nativity Certificate in the prescribed format (if applicable).
3. Self attested copy of the SSLC / HSC mark sheet or First page of Service Register in proof of date of birth.
4. Self 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. Self attested copy of the Provisional / Degree Certificate of Bachelor's and Master's Degree.
6. Self 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. Self attested copy of the conduct certificate from the Head of the Institution last studied.
8. Self attested copy of the Service Certificate showing the details of service / experience if applicable
9. First page of copy of Research article, Popular article, Book, Manual, Booklet published, Proof for Medals / Awards etc., (for PhD candidates only) need to be enclosed.

Note: Hard copy of online filled application should reach the Chairman, Admission Committee (PG), Tamil Nadu Veterinary and Animal Sciences University, Madhavaram Milk Colony, Chennai-600 051 on or before: 17.09.2018 at 5.45 P.M.

Annexure

SEATS TO BE FILLED IN DIFFERENT POSTGRADUATE DEGREE COURSES DURING 2018-19**I) MVSc and PhD (Veterinary and Animal Sciences)**

Sl.	Discipline	Number of Seats			
		MVSc		PhD	
		MVC	VCRI, NKL	MVC	VCRI, NKL
1	Animal Biotechnology	3	-	3	-
2	Animal Genetics and Breeding	2	2	3	1
3	Animal Husbandry Economics	3	-	2	-
4	Animal Nutrition	2	2	2	2
5	Veterinary Gynaecology and Obstetrics	2	2	3	1
6	Livestock Production Management	2	2	2	2
7	Livestock Products Technology	5	2	3	3
8	Poultry Science	3	2	1	2
9	Veterinary Anatomy	3	1	2	1
10	Veterinary and Animal Husbandry Extension Education	2	2	3	2
11	Veterinary Biochemistry	1	-	-	-
12	Veterinary Clinical Medicine	3	2	2	1
13	Veterinary Preventive Medicine	1	1	-	1
14	Veterinary Microbiology	2	1	3	1
15	Veterinary Parasitology	2	2	3	1
16	Veterinary Pathology	2	2	3	1
17	Veterinary Pharmacology and Toxicology	2	2	3	-
18	Veterinary Physiology	2	1	2	2
19	Veterinary Surgery and Radiology	3	2	2	2
20	Veterinary Anaesthesiology	1	1	-	-
21	Wild Life Science	2	-	2	-
22	Veterinary Public Health	1	-	-	-
Total		49	29	44	23

Note : Number of seats may increase if ICAR seats are not filled

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**

IV) PhD (Biotechnology) at Madras Veterinary College, Chennai
Number of seats: **FIVE**