



TAMIL NADU VETERINARY AND ANIMAL SCIENCES UNIVERSITY

**POST GRADUATE DIPLOMA
DISTANCE EDUCATION
(ONLINE MODE) COURSES**

**Information
Brochure**

2026 - 2027

**Directorate of Distance Education
Tamil Nadu Veterinary and
Animal Sciences University
Nandanam, Chennai - 600 035**



Directorate of Distance Education
Tamil Nadu Veterinary and Animal Sciences University
Nandanam, Chennai - 600 035

Directorate of Distance Education

The Directorate is vested with responsibility of imparting training, knowledge up scaling and technology input in veterinary and animal sciences to the different target groups like veterinarians, farmers, entrepreneurs, unemployed personnel, school dropouts and practicing farmers. The activities have a wide base of post-graduate diploma programmes, skill development courses, self-employment courses, distance education certificate courses and technology dissemination in veterinary and animal sciences through print and e-media.

At present, the following programmes are being offered through this Directorate

- ❖ 26 online post-graduate diploma courses in veterinary and animal sciences
- ❖ 10 skill development programmes
- ❖ 11 self-employment programmes

Considering the growing demands of field veterinarians and also the technical personnel involved in livestock and poultry industries who do not have much time to engage themselves in regular PG programmes for up scaling of knowledge and skills in Veterinary and Animal Sciences, the distance education mode PG Diploma courses of TANUVAS offers an excellent opportunity to update their knowledge base and also the professional competency at the field level. TANUVAS offers Postgraduate Diploma Courses of one year (2 semesters) duration through Distance Education mode from the academic year 2011-2012 onwards.

About the PG Diploma Distance Education Online Mode Programme

Postgraduate Diploma Course (Distance Education-Online Mode) of one year duration consists of two semesters. Each semester accounts for 110 working days with a contact class programme of 10 days duration.

The merit list of candidates for each course will be released based on the total marks obtained from Bachelor Degree, Professional Experience / Service, Medals/ Awards and Entrance Examination.

a) Admission Procedure

Advertisement about the courses are published through University website www.tanuvas.ac.in (or) www.tanuvasdde.in The procedure for admission in PG Diploma (Distance Mode) Programme as follows:

- ❖ The aspiring candidates shall submit the application through online mode as indicated in the advertisement.
- ❖ One candidate is **eligible to apply for 2 programmes** in a single time through the online application process by **paying necessary applications fee**.
- ❖ After scrutiny of application by the screening committee, the eligible candidates will be informed to attend the **online entrance examination** as indicated in the admission notification – Refer admission notification.
- ❖ Candidates who have applied for two programmes, need to **appear for a session II online entrance examination** which is scheduled during the specified date and time – Refer admission notification.
- ❖ The online entrance examination will be held for a **duration of 1 hour for 50 marks**.
- ❖ After the release of merit list, the selected candidates will be intimated about their admission through e-mail.
- ❖ The selected candidates shall appear in person on the first day of the first semester for registration of courses and orientation which is mandatory time – Refer admission notification.
- ❖ Candidates will be allowed to register for the semester only after payment of course fee through online.
- ❖ Candidates failed to make the specified course fee on the specified date and time is considered as not eligible. Then the seat will be allotted to the next waitlisted candidate.
- ❖ The selection will deemed to be cancelled on failing to produce original certificates for verification and no refund of fees will be made.
- ❖ **Maximum attempts a candidate can take up for his/her final theory arrear examination within a period of three years from the date of registration to the programme.**
- ❖ **Candidates failed to register for the first semester will not be allowed for the second semester. However, on request they may be permitted for temporary discontinuance and eligible to register for the second/third year of eligibility period by paying the prescribed fine amount.**
- ❖ **No extension of time/ further chances will be given, if the candidate fails to complete the programme within three consecutive years.**

b) Selection of Candidates

For the admission to PG Diploma (Distance Mode) Programmes the selection of candidates will be made on the following scoring basis:

I.	Marks in Bachelor Degree (For every 10% of marks in UG Degree, one mark will be awarded)	: Max.10
II.	Professional Experience / Service (One Mark for every year of experience / professional service)	: Max.10
III.	Medals / Awards / Appreciations (One Mark for each Medal / Award / Appreciation)	: Max.5
IV.	Marks in Entrance Examination (Online Entrance Examination will be held for maximum of 50 marks with a duration of 1 hour. The examination consists of 50 multiple choice questions (related to the PG Diploma course) with each question carrying 1 mark)	: Max.50
V.	Total Aggregate Marks*	: Max.75

***Note:** With respect to the above, candidates securing a minimum of 50% (i.e.37.50 marks out of 75) shall be selected for admitting in PG Diploma (Distance Mode) Programmes. For SC/ST applicants, the minimum qualifying marks shall be 40% (i.e. 30 marks out of 75).

c) Course content

The course content for each course has been designed by the concerned subject matter specialists identified by the university after many deliberations and evaluation by peer groups. There are Course Directors, Co-ordinators and Content Developers for each course. Practical sessions and individual hands on practice are dealt during the contact class programme of each semester.

d) Content delivery / Learning strategy

Self Learning Materials in printed form have been prepared and will be sent to the candidates. The soft copy of course materials will also be sent to the candidates through online. Normally a course has been divided into 4-5 units; accordingly the course materials are prepared along with questions for individual units. Academic schedule for the diploma course will be prepared and communicated to the Course Directors and candidates concerned. The unit assignments have to be submitted to the Course Directors as per the academic schedule.

e) Contact Class

It is mandatory to attend the contact class in both semesters so as to complete the PG diploma programme. Contact class of 10 days duration in each semester will be held at the respective departments of the college concerned as below:

I-Semester Contact Class	:	10 Days (at the end of Semester)	:	One Spell
II-Semester Contact Class	:	5 Days (during the semester) + 5 Days (at the end of semester) }	:	Two Spells

Attendance is compulsory for the contact class programme and absenting for whatsoever reason will necessitate repetition of the contact class programme. Final theory examination for each course will be held during the contact class programme. The comprehensive skill evaluation (practicals) will be held for all the courses in a semester during the last three days of the contact programme. Optional Contact Classes may be conducted for a period of 10 days during the second semester especially for clinical courses on dates provided by the Courses Directors.

f) Project Work

The candidates have to submit a project at the end of second semester compulsorily as part of requirement of the PG Diploma (Distance Mode) Programme. The project shall comprise of 4 sections: Exhaustive Literature review of the problem; Scientific / Technical data wherever possible; In-depth discussion of the problem including solutions in the context of current scenario and Conclusion.

Along with these four sections, there shall be an abstract, summary, reference and acknowledgment sections. The maximum page limit for project report shall be 50 (inclusive of tables and photos).

- ❖ The topic for the project shall be decided in the first semester and topic once decided shall not be changed for any reason. The project report should be submitted on or before the last working day of the programme.
- ❖ The programme of project shall be submitted to the DDE for approval on the recommendation of advisory committee of the candidate.
- ❖ The final Viva-Voce shall be conducted separately after making necessary corrections of the project report by the Advisory Committee and also based on their course work eligibility and it shall be evaluated as satisfactory/ unsatisfactory by a expert nominee of the Director of Distance Education. In case of unsatisfactory performance the final Viva-Voce shall be conducted again after a gap of one month after the student has carried out all the suggestions of advisory committee.
- ❖ **The candidates who did not submit the project work on the specified dates can avail a grace period of three months by paying a late fee of Rs.2000/- as Online or Demand Draft in favor of “DDE PG Diploma Distance Mode Programme, TANUVAS”. Account No: 332902010721823 – IFSC: UBIN0533297, Union Bank of India, Madhavaram Branch, Chennai- 600 051 .**

g) Evaluation

The evaluation of PG Diploma distance mode programme shall be held as “Unit Based Assessment (UBA)”, “Comprehensive Course Assignment (CCA)”, “Final Theory Examination (FTE)” and “Comprehensive Skill Evaluation (CSE)”.

- ❖ For pass in a course, every candidate shall get a minimum of 60% in every Unit Based Assessment (UBA) and FTE in a course. Besides, a minimum of 60% is required in CCA and CSE.
- ❖ **Unit Based Assessment (UBA)** – Every course is divided into Units and for every unit there shall be UBA. For every course the time for studying each unit shall be as per the following formula- Total no.of working days/ Total no.of units. Only handwritten answer sheets shall be allowed. Photocopies/typewritten/any other form is not allowed.
- ❖ **Comprehensive Course Assignment (CCA)** – There shall be comprehensive course assignment for every course. Every candidate shall have individual topics. The assignment shall be handwritten not exceeding 10 pages. Candidates shall submit the assignments immediately on arrival for the contact class programme. Log book / records are to be maintained by the students for each course. At the end of the second semester, the requirements include a project report / case study report in the respective area of specialisation, which will be evaluated.
- ❖ **Final Theory Examination (FTE)** – It shall be conducted for all the courses of the semester when the candidates report for the contact class programme at each semester. Normally it shall be held in the afternoon in a common place for all the PG Diploma programmes. Maximum attempts a candidate can take up for his/her final theory arrear examination within a period of 3 years from the date of registration.
- ❖ **Comprehensive Skill Evaluation (CSE)** – It shall be held for all the courses in a semester during the last three days of the contact class programme.
- ❖ The topic for the project work needs to be chosen during the orientation programme itself i.e first day of the first semester. The candidates are allowed to visit the faculties anytime during the First & Second Semester. The project is to be submitted on or before the completion of II Semester. i.e., the last working day of the programme.
- ❖ The final Viva-Voce shall be conducted separately after making necessary corrections of the project report by the Advisory Committee and also based on their course work eligibility and it shall be evaluated as satisfactory/ unsatisfactory by a expert nominee of the Director of Distance Education. In case of unsatisfactory performance the final Viva-Voce shall be conducted again after a gap of one month after the student has carried out all the suggestions of advisory committee.
- ❖ The successful candidates after completion of diploma requirements shall be graded, based on overall percentage of marks obtained in all the courses of the diploma programme as follows: **60-74% - Second Class, 75-89% - First Class, 90 & above - Distinction.**

- ❖ Successful candidates may apply for getting the provisional diploma certificate to the University. For which a formal request letter to **the Controller of Examinations, TANUVAS, Chennai – 51** is to be addressed with a Demand Draft/cheque for Rs.300/- drawn in favour of **“The Finance Officer, TANUVAS, Chennai-51”**.
- ❖ Successful candidates may apply for getting the diploma convocation certificate during the consequent year of convocation as *“in absentia”* by paying prescribed fee as notified by the Controller of Examinations, TANUVAS.
- ❖ Candidates who have discontinued the diploma course temporarily with permission from the Directorate of Distance Education shall be permitted to rejoin the course within the overall period of three years from the initial date of joining with a rejoining fee of Rs.2000/-

f) Academic schedule (Probable)

Orientation & Commencement of Semester - I	:	06-11-2026
Contact class	:	1st week of March 2027
End of Semester - I	:	2nd week of March 2027
Commencement of Semester II	:	1st week of April 2027
Contact Class- 1st Spell	:	1st week of May 2027
Contact Class- 2nd Spell	:	2nd week of July 2027
End of Semester - II	:	3rd week of July 2027

POSTGRADUATE DIPLOMA (DISTANCE EDUCATION-ONLINE MODE)
COURSES OFFERED FOR THE YEAR 2026-2027

S.No	Name of the Course	Eligibility	No. of Seats	Location	Course fee (Rs.)
For Veterinary Graduates					
1.	Regenerative Medicine (PGDRM)	B.V.Sc. / B.V.Sc. & AH	10	MVC, Chennai	40,000/-
2.	Small Animal Diagnostic Ultrasound (PGDDUS)	B.V.Sc. / B.V.Sc. & AH	40	(1) MVC, Chennai	50,000/-
				(2) VC&RI, Namakkal	
				(3) VC&RI, Orathanadu	
				(4) VC&RI, Tirunelveli	
				(5) VC&RI, Salem	
				(6) VC&RI, Udumalpet	
				(7) VC&RI, Theni	
3.	Small Animal Dermatology (PGDSAD)	B.V.Sc. / B.V.Sc. & AH	10	MVC, Chennai	40,000/-
4.	Bovine Infertility and its Management (PGDBIM)	B.V.Sc. / B.V.Sc. & AH	05	MVC, Chennai	40,000/-
5.	Wild Animal Disease Management (PGDWADM)	B.V.Sc. / B.V.Sc. & AH	10	MVC, Chennai	40,000/-

6.	Zoonoses (PGDZ)	B.V.Sc. / B.V.Sc. & AH	05	MVC, Chennai	20,000/-
7.	Veterinary Clinical Laboratory Diagnosis (PGDVCLD)	B.V.Sc. / B.V.Sc. & AH	10	MVC, Chennai	40,000/-
8.	Animal Health Economics (PGDAHE)	B.V.Sc. / B.V.Sc. & AH	05	MVC, Chennai	20,000/-
9.	Laboratory Animal Science (PGDLAS)	B.V.Sc. / B.V.Sc. & AH	10	DCAHS, Chennai	40,000/-
10.	Veterinary Endoscopy (PGDVEN)	B.V.Sc. / B.V.Sc. & AH	10	VC&RI, Namakkal	40,000/-
11.	Large Animal Reproductive Ultrasound Diagnostics (PGDLRU)	B.V.Sc. / B.V.Sc. & AH	05	VC&RI, Orathanadu	40,000/-
12.	Ethno Veterinary Practices (PGDEVP)	B.V.Sc. / B.V.Sc. & AH	10	VC&RI, Orathanadu	20,000/-
13.	Avian and Exotic Pet Medicine (PGDAEPM)	B.V.Sc. / B.V.Sc. & AH	05	MVC, Chennai	30,000/-
14.	Veterinary Forensic Science (PGDVFS)	B.V.Sc. / B.V.Sc. & AH	05	DCAHS, Chennai	35,000/-
For Veterinary and other Science Graduates					
15.	Advanced Reproductive Biotechnology in Animal Models(PGDARB)	B.V.Sc./ B.V.Sc. and AH/MBBS/ M.Sc. Life Sciences or any other relevant disciplines	05	MVC, Chennai	40,000/-
16.	Animal Welfare (PGDAW)	Any Degree	05	MVC, Chennai	20,000/-
17.	Bio-informatics (PGDBI)	B.V.Sc./B.V.Sc.&A.H.,B. F.Sc., B.Sc.(Agri.), B.Sc.(Horti.), B.E., M.B.B.S., B.D.S., or any postgraduate degree	10	MVC, Chennai	20,000/-
18.	Applied Biostatistics (PGDABS)	Any Degree in Life Sciences / Engineering Sciences	05	MVC, Chennai	20,000/-
19.	Meat Technology and Quality Assurance of Meat and Meat Products (PGDQAMP)	B.V.Sc/B.V.Sc.& A.H. Bachelor's Degree in Food Science/ Food Technology /Life sciences	05	MVC, Chennai	20,000/-
20.	Farm Waste Management (PGDFWM)	Any Degree in Life Sciences	05	MVC, Chennai	20,000/-
21.	Forage production and Pasture management (PGDFPM)	Any Degree in Life Sciences	05	MVC, Chennai	20,000/-
22.	Dairy Processing and Quality Assurance(PGDDPQA)	B.V.Sc.&AH/ UG/PG in Agri, Horticulture, Food Science, Food Technology, Dairy Science, Dairy Technology, Home Science, Nutrition & Dietetics, Biology, Microbiology, Botany, Zoology, Chemistry, Biochemistry, Biotechnology, Life Science & B.Voc. in Dairy or Food Science.	05	VC&RI, Namakkal	20,000/-
23.	Feed Manufacturing Technology (PGDFMT)	B.V.Sc./B.V.Sc.&AH./ B.F.Sc./ B.Sc (Life sciences) B.Tech / B.E (Agri/Agri Engineering)	10	(1) VC&RI, Namakkal (2) CPPM, Hosur	05 05 20,000/-
24.	Commercial Poultry Production and Management (PGDCPPM)	Any Degree in Life Sciences	10	(1) VC&RI, Namakkal (2) CPPM, Hosur	05 05 20,000/-

25.	Laboratory Animal Management (PGDLAM)	M.Pharm./ M.Sc /M.Tech / AYUSH Graduate or any UG in Life Sciences	10	DCAHS, Chennai	40,000/-
26.	Veterinary Pharmacy (PGDVPR)	B.Pharm/M.Pharm/ D.Pharm in any recognized University	5	MVC, Chennai	20,000/-

The application procedure and information brochure can be downloaded from the university website: **www.tanuv.ac.in (or) www.tanuvsdde.in** from **03.09.2026 to 04.10.2026**. The last date for submitting online application is **04.10.2026 up to 11.59p.m.**

The selected candidates should remit the course fee on or before the date specified in admission letter. **Registration / Course fee shall be paid through online payment to the Account No: 332902010721823 – IFSC: UBIN0533297 “DDE PG Diploma Distance Mode Programme, TANUVAS”- Union Bank of India, Madhavaram Branch, Chennai-600 051 with the following option;**

- i) Candidates can pay in any Union Bank of India branches in the A/c No. 332902010721823 – IFSC: UBIN0533297 “DDE PG Diploma Distance Mode Programme, TANUVAS” and mention the transaction number & date of remittance.
- ii) Candidates can send payment from any other Bank to the A/C No. 332902010721823 – “DDE PG Diploma Distance Mode Programme, TANUVAS”-IFSC Code-UBIN0533297 and mention the UTR No. & date of remittance.

There will be an orientation programme on the first day of commencement of first semester. **Attendance for the orientation programme is compulsory.** The exact date of orientation programme will be intimated in the admission letter.

Other Points:

- ❖ In-service candidates are requested to submit No Objection Certificate to pursue the course on or before registration of the programme.
- ❖ 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 delay or any job guarantee.

For further details contact:

The Director of Distance Education

Tamil Nadu Veterinary and Animal Sciences University

New No.485, (Old No.327), Anna Salai, Nandanam, Chennai – 600 035.

Tamil Nadu, India.

Tele: +91-44-24320411 / 9789163239

Email : pg_diploma@tanuv.ac.in / dde@tanuv.ac.in

URL : www.tanuv.ac.in / www.tanuvsdde.in

1. POSTGRADUATE DIPLOMA IN REGENERATIVE MEDICINE (PGDRM)

Importance and Impact of the course

Regenerative medicine is the vanguard of 21st century health care. Regenerative medicine will lead to the creation of fully biological or biohybrid tissues and organs that can replace or regenerate tissues and organs damaged by disease, injury, or congenital anomaly. Because of the economic potential of this regenerative medicine industry, initiatives to capture significant shares of this market are multiplying around the world and competition is mounting. A successful regenerative medicine initiative requires the expert knowledge of scientists, engineers, physicians, researchers and many others in a multidisciplinary effort. Focused national initiatives are vital to advancing this promising science.

Regenerative medicine offers the potential to cure countless fatal and debilitating conditions through therapies that spur *in-vivo* regeneration and *in-vitro* creation of healthy tissues for implantation. The next evolution of medical technology is now in sight and has the potential to become reality in the next 20 years. The programme aims to provide career based skills to the students, in emerging field of medicine "Regenerative Medicine" through multidisciplinary approach for translation to ethical clinical practice.

Eligibility (Minimum)

B.V.Sc./ B.V.Sc. & AH., degree candidates are eligible.

Course Fee: Rs. 40,000/-

Duration: One Year (Two Semesters)

No. of Seats: 10 (Ten) only

Method of Selection

As per TANUVAS academic regulations and rules in force

Course Content

S.No	Code	Courses
First Semester		
1	RMS 701	Cell and tissue homeostasis in relation to regenerative medicine
2	RMS 702	Functional anatomy , organ failure and current approaches
3	RMS 703	Stem cell biology, manipulation and therapeutic potentials
4	RMS 704	Extra cellular matrix and nanotechnology in regenerative medicine
5	RMS 705	Clinical protocols in regenerative medicine
Second Semester		
6	RMS 706	Neuro-regenerative medicine and regenerative medicine based cancer therapy
7	RMS 707	Regenerative therapies of aesthetic organs, digestive and urogenital system
8	RMS 708	Regenerative therapies of dental and musculo skeletal system
9	RMS 709	Regenerative therapies of cardio vascular, heamopoietic and respiratory system
10	RMS 799	Project

Contact Classes

First Semester - 10 Days (One Spell)

Second Semester - 5 Days +5 Days (Two Spells)

Course offered by

Department of Center for Stem Cell Research and Regenerative Medicine,

Madras Veterinary College,

Chennai – 600 007.

2. POSTGRADUATE DIPLOMA IN SMALL ANIMAL DIAGNOSTIC ULTRASOUND (PGDDUS)

Importance and Impact of the course

In the present day practice of Veterinary medicine, use of modern diagnostic gadgets remains inevitable. Ultrasound is a non-invasive and easy to use diagnostic tool which increases the diagnostic acumen of every clinician. It improves our understanding of the disease process and also augments and accentuates our approach to diagnosis and treatment. With the expanding animal health care programmes and facilities, there continues to be need to increase the number of advanced animal health care professionals to provide preventive, curative and rehabilitative health services as well as specialty clinical care delivery.

A Distance Mode Programme in Diagnostic ultrasound helps the practitioners / graduates enjoy the flexible scheduling and an easy quick way to further their clinical education and skill development at their own set pace. The programme aims to impart knowledge and technical skills in sonography, to improve the accuracy of diagnosis in clinical settings and benefit the pet owners by improving the clinical acumen of the practicing veterinarians.

Eligibility (Minimum)

B.V.Sc./ B.V.Sc. & AH., degree candidates are eligible.

Course Fee: Rs. 50,000/-

Duration: One Year (Two Semesters)

No. of Seats: 40 (Forty) only

**(MVC-10, VC&RI, Namakkal – 05 and VC&RI, Orathanadu – 05,
VC&RI, Tirunelveli – 05, VC&RI, Salem – 05, VC&RI, Udumalpet – 05, VC&RI, Theni-05)**

Method of Selection

As per TANUVAS academic regulations and rules in force

Course Content

S.No	Code	Course Title
First Semester		
1.	DUS 701	Physical principles of ultrasound, instrumentation and patient preparation
2.	DUS 702	Ultrasonography of general abdomen, stomach and intestines
3.	DUS 703	Ultrasonography of liver, spleen and pancreas
4.	DUS 704	Ultrasonography of uro-genital system
5.	DUS 705	Echocardiography and thoracic ultrasonography
Second Semester		
6.	DUS 706	Ultrasonography of Neck
7.	DUS 707	Ultrasound guided biopsy techniques
8.	DUS 708	Artifacts in diagnostic ultrasound
9.	DUS 709	Doppler ultrasound and quantitative aspects of sonography
10.	DUS 799	Project work

Contact Classes

First Semester

- 10 Days (One Spell)

Second Semester

- 5 Days +5 Days (Two Spells)

Course offered by

(i) <u>Madras Veterinary College</u> Department of Clinics, MVC, Chennai – 600 007	First 1 to 10 candidates (based on the scores of merit)
(ii) <u>VC&RI, Namakkal</u> Department of Clinics, VC& RI, Namakkal – 637 002	11 th to 15 th candidates (based on the scores of merit)
(iii) <u>VC&RI, Orathanadu</u> Department of Clinics, VC& RI, Orathanadu– 614 625	15 th to 20 th candidates (based on the scores of merit)
(iv) <u>VC&RI, Tirunelveli</u> Veterinary Clinical Complex, VC&RI, Tirunelveli – 627 358	21 th to 25 th candidates (based on the scores of merit)
(v) <u>VC&RI, Salem</u> Veterinary Clinical Complex, VC&RI, Salem – 636 112	26 th to 30 th candidates (based on the scores of merit)
(vi) <u>VC&RI, Udumalpet</u> Veterinary Clinical Complex, VC&RI, Udumalpet – 642 205	31 th to 35 th candidates (based on the scores of merit)
(vii) <u>VC&RI, Theni</u> Veterinary Clinical Complex, VC&RI, Veerapandi, Theni – 625 534	36 th to 40 th candidates (based on the scores of merit)

3. POSTGRADUATE DIPLOMA IN SMALL ANIMAL DERMATOLOGY (PGDSAD)

Importance and Impact of the course

Companion animal population is growing tremendously in India. Majority of the breeds available elsewhere in the world are also present in India. Aesthetic importance of the pets is of growing concern for the client community. Skin diseases are one of the main causes for client distress and this skin disorder is one among the top 10 diseases, which require the technical assistance of veterinarians. Dermatological problems constitute more than 25% of the total case load in small animal practices all over the world. A significant number of dermatological disorders are of recurring type and needs advanced diagnostic and therapeutic skills for their management. Hence, it is necessary for the practitioners to enhance their dermatological diagnostic and therapeutic skills to render better services and advanced therapeutic options to the client community, which seeks always the best of the care for their pets.

Being the country's premier tertiary Veterinary Teaching Hospital, the MVC hospital has the country's first Dermatology Clinic, a Referral Clinic. The Dermatology Referral Clinic receives about 40 dermatological cases every day and referrals from all parts of India for appropriate diagnosis and treatment. This dermatology academic programme would offer a concise and complete coverage of small animal dermatology, with a practical emphasis on reviewing the day to day dermatological problems encountered in Veterinary practice. Participants would be trained on different diagnostic techniques and therapeutic management skills in dermatology. Participants will also experience hands-on training in examination of otoscopic, tympanic membrane and ear lavage. The course will impart necessary knowledge and skills to combat dermatological cases with early diagnosis and effective treatment in small animals.

Eligibility (Minimum)

B.V.Sc./ B.V.Sc. & AH., degree candidates are eligible.

Course Fee: Rs. 40,000/-

Duration: One Year (Two Semesters)

No. of Seats: 10 (Ten) only

Method of Selection

As per TANUVAS academic regulations and rules in force

Course Content

S.No	Code	Course Title
First Semester		
1.	DER 701	Dermatological examination and procedures
2.	DER 702	Dermatological therapy
3.	DER 703	Parasitic dermatitis
4.	DER 704	Bacterial dermatitis
5.	DER 705	Fungal and yeast dermatitis
Second Semester		
6.	DER 706	Allergic dermatitis
7.	DER 707	Endocrine and metabolic dermatoses
8.	DER 708	Ear diseases and regional dermatitis
9.	DER 709	Auto immune skin diseases, immune related skin disease and skin tumors
10.	DER 799	Project work

Contact Classes

First Semester - 10 Days (One Spell)
Second Semester - 5 Days +5 Days (Two Spells)

Course offered by

Department of Veterinary Clinical Medicine,
Madras Veterinary College,
Chennai – 600 007.

4. POSTGRADUATE DIPLOMA IN BOVINE INFERTILITY AND ITS MANAGEMENT (PGDBIM)

Importance and Impact of the course

The production potential of livestock is influenced largely by reproduction. Dairy cattle production requires intensive husbandry care to achieve the goal of one calf a year. Reduced fertility is one of the common reasons for veterinarians being called on to the farm by the cattle owners.

The incidence of infertility in cattle due to various causes is about 28-30 per cent which causes a major economic impact on the sustainability of dairy farming. The obstetric practice has progressed over the years and the need to diagnose various reproductive disorders and their management has emerged as specialized area and continuous advancement in the clinical management of infertility is taking place and these are not covered in detail during undergraduate curriculum for the veterinarians.

Eligibility:

B.V.Sc./ B.V.Sc. & AH., degree candidates are eligible.

Course Fee: Rs.40,000/-

Duration: One year (Two semesters)

No. of Seats: 05 (Five) only

Method of selection

As per TANUVAS academic regulations and rules in force



Course Content

S.No	Code	Course Title
First Semester		
1.	VOG 701	Functional anatomy of female and male reproductive systems
2.	VOG 702	Reproductive Physiology and Endocrinology-Part-I
3.	VOG 703	Reproductive Physiology and Endocrinology-Part-II
4.	VOG 704	Major factors causing infertility in male and female.
5.	VOG 705	Anestrus
Second Semester		
6.	VOG 706	Repeat Breeding Syndrome
7.	VOG 707	Controlled Breeding
8.	VOG 708	Diagnostic Procedures for Infertility Investigation
9.	VOG799	Project

Contact Classes

First Semester - 10 Days (One Spell)
Second Semester - 5 Days +5 Days (Two Spells)

Course offered by

Department of Veterinary Gynaecology and Obstetrics
Madras Veterinary College,
Chennai-600 007.

5. POSTGRADUATE DIPLOMA IN WILD ANIMAL DISEASE MANAGEMENT (PGDWADM)

Need and Importance of the course

Conservation of wild animals at global level is being offered high degree of attention, in the recent period and in this regard, wild fauna derive significant focus. Veterinarians employed in many captive wild animal areas like zoos, zoological parks, zoological gardens, reptilian centres, avian centres etc. are continuously demanding for proper enrichment of knowledge on wild animals, especially on wild animal health and disease related features since the undergraduate curriculum for veterinary graduates cover only limited areas on wildlife management.

Moreover, Veterinarians are also frequently encountering various health and treatment aspects related to wild animals in the field. Under this circumstance, the course would provide hindsight to veterinarians to equip themselves to deal with treatment of wild animals.

Eligibility (Minimum)

B.V.Sc./ B.V.Sc. & AH., degree candidates are eligible.

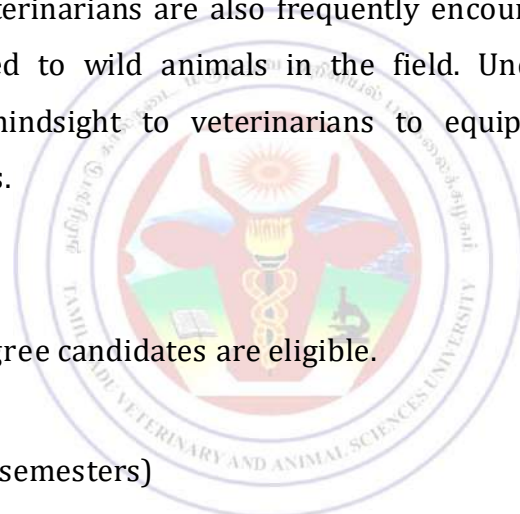
Course fee: Rs.40,000/-

Duration One year (Two semesters)

No. of Seats: 10 (Ten) only

Method of Selection

As per TANUVAS academic regulations and rules in force



Course Content

S.No	Code	Course Title
First Semester		
1.	WLS 701	Wildlife Biology and Management
2.	WLS 702	Capture and Immobilization
3.	WLS 703	Infectious Diseases of Wildlife
4.	WLS 704	Wildlife Pathology
5.	WLS 705	Parasitic Diseases of Wildlife
Second Semester		
6.	WLS 706	Wildlife Medicine – Mammals
7.	WLS 707	Wildlife Medicine - Reptiles and Amphibians
8.	WLS 708	Wildlife Medicine – Avifauna
9.	WLS 799	Project

Contact classes

First Semester - 10 Days (One Spell)
Second Semester - 5 Days +5 Days (Two Spells)

Course offered by

Department of Wildlife Science,
Madras Veterinary College,
Chennai-600 007

6. POSTGRADUATE DIPLOMA IN ZONNOSES (PGDZ)

Importance and Impact of the course

This programme is directed towards the enhancement of knowledge and skills of Veterinarians, in zoonotic diseases. It has been designed in a rapidly expanding and increasingly important area of veterinary and animal sciences such as epidemiological methods which are frequently used by public health veterinarians to determine relevant risk factors associated with disease occurrence. Knowledge of these risk factors is used to direct further research investigation and implement disease control measures.

Further, the threat of bioterrorism and emerging infectious diseases has prompted various public health agencies to recommend enhanced surveillance activities to supplement existing surveillance plans. The majority of infectious diseases and bioterrorist agents are zoonotic. Animals are more sensitive to certain biological agents and hence they are used as clinical sentinels for early diagnosis. The course will provide new skills relevant to their current and future employment in the national and international health arena as the programme offers units of epidemiology, zoonoses, animal health economics, policy development and research. It will be well suited to graduates aiming to serve the public health sector and also individuals seeking a mid – career change.

Eligibility (Minimum)

B.V.Sc./ B.V.Sc. & AH., degree candidates are eligible.

Course Fee: Rs.20,000/

Duration: One Year (Two Semesters)

No. of Seats: 05 (Five) only

Method of Selection

As per TANUVAS academic regulations and rules in force

Course Content

S.No	Code	Course Title
First Semester		
1	DPH 701	Zoonoses –An overview of global concepts
2	DPH 702	Basic epidemiologic tools in zoonoses
3	DPH 703	Zoonoses with reference to translational strategies, policy, regulations and travel medicine – Global and national perspectives
4	DPH 704	Bioterrorism and zoonotic agents
5	DPH 705	Risk factors and reporting mechanisms
Second Semester		
6	DPH 706	Food and Waterborne Zoonoses
7	DPH 707	Bacterial, Viral and Parasitic Zoonoses
8	DPH 708	Technological advances in diagnosis of zoonotic diseases
9	DPH799	Project

Contact Classes

First Semester

- 10 Days (One Spell)

Second Semester

- 5 Days +5 Days (Two Spells)

Course offered by

Department of Veterinary Public Health and Epidemiology,
Madras Veterinary College,
Chennai – 600 007.

7. POSTGRADUATE DIPLOMA IN VETERINARY CLINICAL LABORATORY DIAGNOSIS (PGDVCLD)

Importance and Impact of the course

Immense progress has occurred in the field of healthcare with the arrival of many sophisticated equipments and novel techniques. These laboratory diagnosis aids are helping a large way today in diagnosis, treatment, and also in providing follow up care for the patients. Knowledge on advanced laboratory techniques will aid the veterinarians to successfully diagnose the ailments in the early stages itself, so as to ameliorate the suffering of animals. In this context, to enable the aspiring veterinary practitioners / graduates to have an expertise, of the latest diagnostic tests in clinical pathology, the course of Post Graduate Diploma in Veterinary Laboratory Diagnosis has been evolved.

The course curriculum includes a comprehensive coverage of all the significant branches like haematology, clinical biochemistry, clinical parasitology, clinical microbiology and diagnostic cytology. The participants will be exposed to processing and interpretation of varied clinical materials received from the day to day hospital cases and would also be trained with the operating procedures of the modern diagnostic equipments.

Eligibility (Minimum):

B.V.Sc./ B.V.Sc. & AH., degree candidates are eligible.

Course Fee: Rs.40,000/-

Duration: One Year (Two Semesters)

No. of Seats: 10 (Ten) only

Method of selection

As per TANUVAS academic regulations and rules in force

Course Content

S.No	Code	Course Title
First Semester		
1.	VCLD 701	Basic veterinary clinical laboratory techniques
2.	VCLD 702	Clinical sample collection and processing methods
3.	VCLD 703	Clinical pathological diagnostic techniques-I hematology
4.	VCLD 704	Clinical pathological diagnostic techniques- II- urine and other body fluid
5.	VCLD 705	Clinical biochemical diagnostic techniques-I liver, kidney, pancreas, thymus
Second Semester		
6.	VCLD 706	Clinical biochemical diagnostic techniques-II mineral, electrolyte, CVS & GI system
7.	VCLD 707	Biopsy & cytology
8.	VCLD 708	Clinical microbiological techniques
9.	VCLD 709	Clinical parasitological diagnostic techniques
10.	VCLD 710	Advanced laboratory diagnostic techniques
11.	VCLD 799	Project

Contact Classes

First Semester - 10 Days (One Spell)

Second Semester - 5 Days +5 Days (Two Spells)

Course offered by

Centralised Clinical Laboratory,
Madras Veterinary College,
Chennai-600 007.

8. POSTGRADUATE DIPLOMA IN ANIMAL HEALTH ECONOMICS (PGDAHE)

Importance and Impact of the course

The need for assessing the economic impacts of diseases in livestock and poultry is currently gaining utmost importance in the context of increasing intensification and commercialisation of the Indian livestock industry. However, there is only a dearth of documented evidences on how much is being lost due to the diseases even for the major diseases, mainly due to the lack of adequate insight into the methods and techniques of assessing the disease losses. Estimating the losses due to diseases demands an interdisciplinary approach encompassing animal science, epidemiology, economics and statistics, which together has gained a new name for it, i.e., animal health economics.

Hence, a PG diploma course on Animal Health Economics is the need of the hour to enable the veterinarians, animal scientists, administrators and policy makers to effectively assess the economic implications of animal diseases, as this course will provide them a framework of concepts and procedures to estimate the losses arising due to diseases to support decision making process in optimizing health management and in turn efficient farm management.

Eligibility (Minimum)

B.V.Sc / B.V.Sc & AH degree candidates are eligible.

Course Fee: Rs.20,000/-

Duration: One year (Two semesters)

No. of Seats: 5 (Five) only

Method of Selection

As per TANUVAS academic regulations and rules in force

Course Content

S.No	Code	Course Title
First Semester		
1.	AHE 701	Economic framework of livestock diseases
2.	AHE 702	Basics of disease surveillance
3.	AHE 703	Epidemiological approaches to investigate disease problems
4.	AHE 704	Methods of sampling for animal disease surveys
5.	AHE 705	Measuring disease frequencies
Second Semester		
6.	AHE 706	Veterinary epidemiology and economics
7.	AHE 707	Economic losses due to diseases
8.	AHE 708	Quantitative techniques for measuring economic losses
9.	AHE 709	Economic methods for disease control decisions
10.	AHE 710	Disease information systems
11.	AHE 799	Project work

Contact Classes

First Semester - 10 Days (One Spell)
Second Semester - 5 Days +5 Days (Two Spells)

Course offered by

Department of Animal Husbandry Economics
Madras Veterinary College
Chennai – 600 007.

9. POST GRADUATE DIPLOMA IN LABORATORY ANIMAL SCIENCES (PGDLAS)

Importance and Impact of the course

It is believed that good biomedical research requires a good animal care programme. A tremendous variation exists in anatomical and physiological traits of various laboratory animal species. The laboratory animal species vary greatly in size, life span, health status, physical confirmation and behavioral characteristics and experiments. No standard animal care is likely to be optimal for all species. Knowledge on performance standards should be used with sound professional judgment in implementing animal care programme.

An educational base on Laboratory Animal Sciences with help students and professionals involved in laboratory animal research to conduct the research in humane/ethical way in order to obtain the results with less variation. However, this is not meant to be used as the sole source of information and instructions for applying laboratory techniques. This should be supplemented along with the text reading of various books, journals, magazine articles that focus closely on specific work condition at various laboratory animal facilities. One will increase his/her knowledge of these basics and begin to learn new techniques such as diagnostic, research methodology and administrative duties which leads oneself to become an even more valuable member of research team. In modern biomedical research facilities, laboratory animal scientists must keep up to date with most current, efficient methods of husbandry, research methodology and humane treatment of animals.

Eligibility (Minimum)

B.V.Sc / B.V.Sc & AH degree candidates are eligible.

Course Fee: Rs.40,000/-

Duration: One year (Two semesters)

No. of Seats: 10 (Ten) only

Method of Selection

As per TANUVAS academic regulations and rules in force

Course Content

S.No	Code	Course Title
First Semester		
1	LAS 701	History, Ethics, Welfare and Legislation of Laboratory Animals
2	LAS 702	Biology of Commonly Used Laboratory Animals Including Laboratory Fishes
3	LAS 703	Laboratory Animal Housing and Environment
4	LAS 704	Non-invasive and Invasive Surgical Techniques
Second Semester		
5	LAS 705	Nutrition and Feeding of Laboratory Animals
6	LAS 706	Genetics and Breeding of Laboratory Animals
7	LAS 707	Health Monitoring of Laboratory Animals
8	LAS 708	Alternatives to Animal Models in Research and Experimental design
9	LAS 799	Project

Contact classes

First Semester - 10 Days (One Spell)
Second Semester - 5 Days +5 Days (Two Spells)

Course offered by

Directorate of Centre for Animal Health Studies (DCAHS),
TANUVAS, Madhavaram Milk Colony,
Chennai -600 051.

10. POSTGRADUATE DIPLOMA IN VETERINARY ENDOSCOPY (PGDVEN)

Importance and Impact of the course

Endoscopy has become one of the important diagnostic tools in the veterinary medicine. It provides clues for the diagnosis in most of the cases and serves as therapeutic interventional tool in some cases. Most of the reputed veterinary hospitals in India are equipped with endoscopy. But the veterinarians are not provided with special training in handling and usage of endoscopy for the diagnosis and treatment of diseases in animals, as endoscopy procedure is not covered in the undergraduate syllabus.

Added to this many private practitioners already purchased and many practitioners are ready to purchase endoscopy as it assists their diagnosis in many cases. In India special course exclusive on endoscopy is not available till now. Hence the course will fulfil the needs of veterinary practitioners in enhancing their skill on endoscopic techniques for diagnosis of various ailments of animals.

Eligibility (Minimum)

B.V.Sc / B.V.Sc & AH degree candidates are eligible.

Course Fee: Rs.40,000/-

Duration: One Year (Two semesters)

No. of Seats: 10 (Ten) only

Method of Selection

As per TANUVAS academic regulations and rules in force

Course Content

S.No	Code	Course Title
First Semester		
1.	VEN 701	Clinical anatomy for endoscopy
2.	VEN 702	Principles and basics of endoscopy
3.	VEN 703	Gastrointestinal endoscopy – I
4.	VEN 704	Respiratory tract endoscopy
5.	VEN 705	Urogenital endoscopy and avian endoscopy
Second Semester		
6.	VEN 706	Gastrointestinal endoscopy – II
7.	VEN 707	Otoscopy, Arthroscopy, thoracoscopy, laparoscopy
8.	VEN 708	Cytological preparation and analysis
9.	VEN 709	Interventional endoscopy and endoscopy in exotic animals
10.	VEN 799	Project

Contact Classes

First Semester - 10 Days (One Spell)

Second Semester - 5 Days +5 Days (Two Spells)

Course offered by

Department of Veterinary Clinical Medicine,
Veterinary College and Research Institute,
Namakkal-637 002.

11. POSTGRADUATE DIPLOMA IN LARGE ANIMAL REPRODUCTIVE ULTRASOUND DIAGNOSTICS (PGDLRU)

Importance and Impact of the course

Reproductive ultrasonography is a positive introduction in the veterinary research and clinical practice. Since the introduction of ultrasonographic investigation in 1980s, it has revolutionized the field of animal reproduction. The technology has opened new pathways in the better understanding of basic reproductive physiology as well as diagnosis of pathological conditions in both the male and female large animals.

With the introduction of selection procedures in breeding strategies aiming at enhancing the production potential of the animals, an obvious increase in fertility disturbances is being experienced. In spite of advances in therapeutics, infertility problem is raising enormously among the large farm animals like cattle, buffalo, sheep, goats and horses. This challenges in bovine breeding warranted introduction of advanced diagnostic technologies. Ultrasonography is a potent user-friendly technology and it has become an important investigative and diagnostic tool for evaluating the reproductive status of large animals in the field conditions. With the help of ultrasound technology, it is possible to assess the entire reproductive system in a non-invasive manner. Adapting ultrasound imaging diagnostics machines which are now become cheap and affordable may prevent loss for the marginal farmers in our country. Making the best use of ultrasonography in the field is providing a breakthrough in veterinary diagnostics and therapeutics. Further, reproductive ultrasonography is having a wide scope of application in the field of research especially assisted reproductive technologies involving follicular aspiration, ovum pick-up etc. in large animals.

Eligibility (Minimum)

B.V.Sc./ B.V.Sc. & AH., degree candidates are eligible.

Course Fee: Rs.40,000/-

Duration: One Year (Two Semesters)

No. of Seats: 05 (Five) only

Method of Selection

As per TANUVAS academic regulations and rules in force.

Course Content

S.No	Code	Course Title
First Semester		
1	LRU 701	Applied reproductive anatomy and physiology of farm animals
2	LRU 702	Basics of ultrasonography, instrumentation and handling of associated equipments
3	LRU 703	Ultrasonographic imaging and biometry of normal female and male reproductive organs in-vivo
4	LRU 704	Ultrasonographic diagnosis of utero-ovarian-adnexa pathologies in female animals
5	LRU 705	Ultrasonographic diagnosis of testicular and accessory sex gland pathologies in male animals
Second Semester		
6	LRU 706	Diagnosis of normal and abnormal pregnancies and conditions simulating pregnancy
7	LRU 707	Ultrasonographic diagnosis of congenital and acquired anomalies of reproductive organs
8	LRU 708	Applications of ultrasound scanning in therapeutics and assisted reproductive technology
9	LRU 709	Colour Doppler imaging ultrasonography for assessment of physiological and pathological status of reproductive organs
10	LRU 799	Project

Contact Classes

First Semester - 10 Days (One Spell)

Second Semester - 5 Days +5 Days (Two Spells)

Course offered by

Department of Veterinary Gynaecology and Obstetrics,
Veterinary College & Research Institute,
Orathanadu, Thanjavur – 614 625.

12. POSTGRADUATE DIPLOMA IN ETHNOVETERINARY PRACTICES (PGDEVF)

Importance and Impact of the course

The study of Ethno Veterinary Medicine may be broadly divided into four main approaches, via., Understanding traditional concepts of livestock health, disease and management. Ethno botany and the nature and applications of plants used within traditional EVM systems. Ethno Pharmacology – Chemical / Pharmacological analyses of traditional remedies and clinical assessment and Applications of natural products with emphasis on livestock health, production and protection.

Ethno Veterinary Medicine (EVM) includes the indigenous beliefs, knowledge, skills, methods and practices pertaining to the health care of animals. Indigenous knowledge systems have proven to be dynamic and adaptive with the qualities of simplicity, functionality, integrative holism and sustainability. Reports also indicate a tremendous increase in the use of alternative medical practices around the world, which almost always involve the use of herbal medicine. Ancient Indian medical and traditional Chinese systems are primarily plant based using medicinal formulas of numerous combinations of herbs. Many of the EVM practices and preparations are apparently time tested, readily available, location specific, resource and species specific and environment friendly, making the poor livestock farmers dependable on them. Veterinarians are showing greater interest across the globe for some academic understanding of herbal medicine and traditional livestock keeping practices (EVP). Hence, the course would be very much useful for the veterinarians in the days to come.

Eligibility (Minimum)

B.V.Sc./ B.V.Sc. & AH., degree candidates are eligible.

Course Fee: Rs.20,000/-

Duration: One Year (Two Semesters)

No. of Seats: 10 (Ten) only

Method of Selection

As per TANUVAS academic regulations and rules in force.

Course Content

S.No	Code	Course Title
First Semester		
1	EVP 701	Ethnoveterinary practices - contemporary relevance and conservation of Bio-resources
2	EVP 702	Ethnobotany and Pharmacognosy
3	EVP 703	Traditional Medicine Systems (TMS) and Documentation of Local Health Traditions (LHTs)
4	EVP 704	Pharmacological basis of Ethno Veterinary Medicine (EVM)
5	EVP 705	Intellectual Property Rights and Access Benefit Sharing
Second Semester		
6	EVP 706	PRA and Assessment of Local health traditions
7	EVP 707	Phytochemistry and Phytotoxicology
8	EVP 708	Functional herbal remedies for primary health care of livestock
9	EVP 709	Use of plant products in animal production and Health
10	EVP 799	Project

Contact Classes

First Semester - 10 Days (One Spell)

Second Semester - 5 Days +5 Days (Two Spells)

Course offered by

Ethno Veterinary Herbal Products Research and Development Centre,
Veterinary College & Research Institute,
Orathanadu, Thanjavur – 614 625.

13. POST GRADUATE DIPLOMA IN AVIAN AND EXOTIC PET MEDICINE (PGDAEPM)

Importance and Impact of the course

The field of veterinary science has expanded significantly beyond traditional companion animals (i.e. dogs and cats) to include a wide range of avian (e.g., finches, budgerigars, cockatiels, African love birds, conures, cockatoos, macaws, parrots) and exotic pets including small mammals (e.g., hamsters, guinea pigs, rabbits and also reptiles (e.g., turtles, green iguanas,)). These non-conventional pets have unique requirements in terms of health care, husbandry, and behavior management, thereby calling for a specialized skill set among veterinary professionals. In light of this, there is a pressing need for structured academic training in avian and exotic pet medicine to equip veterinarians with the necessary expertise to meet emerging clinical, welfare, and public health challenges associated with these species.

As the popularity of these animals as companions continues to grow, there is an increase in demand for veterinarians with specialized knowledge and skills in their care, diagnosis, and treatment. Avian and exotic pets have unique anatomical, physiological, nutritional, and behavioral requirements. Their clinical management often requires species-specific knowledge, advanced diagnostic techniques, and specialized restraint and handling skills. Moreover, these animals are frequently presented with complex medical conditions that are under-recognized or poorly understood by general veterinary practitioners. General veterinary curricula often provide limited exposure to these animals, resulting in a knowledge gap among practitioners. The development of a dedicated postgraduate diploma in this field is, therefore, both timely and necessary.

Eligibility (Minimum)

B.V.Sc./ B.V.Sc. & AH., degree candidates are eligible

Course Fee: Rs.30,000/-

Duration: One year (Two semesters)

No. of Seats: 05 (Five) only

Method of Selection

As per TANUVAS academic regulations and rules in force

Course Content

S.No	Code	Course Title
First Semester		
1	AEP 701	Applied reproductive anatomy and physiology of farm animal
2	AEP 702	Nutrition and health care of avian and exotic pets
3	AEP 703	Infectious Diseases of avian and exotic pets
4	AEP 704	Applied ethology, behavioural disorders and management of avian and exotic pets
Second Semester		
5	AEP 705	Avian and exotic pets - Medicine
6	AEP 706	Avian and exotic pet anaesthesia and surgery
7	AEP 707	Diagnostic Imaging and laboratory techniques of avian and exotic pets
8	AEP 799	Project

Contact classes

First Semester

- 10 Days (One Spell)

Second Semester

- 5 Days +5 Days (Two Spells)

Course offered by

Department of Wildlife Science,
Madras Veterinary College,
Chennai -600 007

14. POST GRADUATE DIPLOMA IN VETERINARY FORENSIC SCIENCE (PGDVFS)

Importance and Impact of the course

Veterinary Forensic Science (VFS) is a branch of Veterinary Medicine, which covers the application of the principles and knowledge of Veterinary Medicine for the purpose of law. Examples: veterinary medical knowledge in deciding the cases of mischief, cruelty, bestiality, mischievous killing, etc.

The scope of VFS includes:

- (i) dealing with those veterinary medical subjects, which are needed for application of scientific facts in legal matter, both civil and criminal offense cases.
- (ii) emphasizing forensic pathology and toxicology in order to bring it into partnership with the process of law.
- (iii) Application of principles and knowledge of facts of Veterinary Medicine to the purposes of law, both civil and criminal offense cases.

Veterinary Forensic Science is a significant subject because it assists in the identification and prosecution of animal cruelty, and it can also be utilized to solve human crimes. The major reasons for Veterinary Forensic Science are:

- (i) Animal cruelty which can help identify and prosecute cruelty to animals, such as physical abuse, poisoning and poaching.
- (ii) Human crimes which can help solve human crimes, such as assault, homicide or poisoning, when an animal was present at the crime scene.
- (iii) Wildlife crimes which can help identify and prosecute wildlife crimes such as the illegal capture, killing, or keeping of non-domesticated animals.
- (iv) Animal welfare which can help determine if an animal has been subjected to unnecessary pain, suffering and/ distress.
- (v) Regulatory issues like contamination of food supply, meat adulteration of food animals with that of other species, etc.
- (vi) Raising religious taboo concern or misbranding like adulteration of cow milk with that of other species, etc.

Eligibility (Minimum)

B.V.Sc./ B.V.Sc. & AH., degree candidates are eligible

Course Fee: Rs.35,000/-

Duration: One year (Two semesters)

No. of Seats: 05 (Five) only

Method of Selection

As per TANUVAS academic regulations and rules in force

Course Content

S.No	Code	Course Title
First Semester		
1	VFS 701	Introduction to Veterinary Forensics
2	VFS 702	Animal Welfare and Legislation
3	VFS 703	Forensic crime scene investigation, evidence management and chain of custody of evidence
4	VFS 704	Wild life Forensic Science
5	VFS 705	Veterinary Forensic Anatomy
Second Semester		
6	VFS 706	Veterinary Forensic Entomology
7	VFS 707	Veterinary Forensic Toxicology
8	VFS 708	Veterinary Forensic Pathology
9	VFS 709	Veterinary Forensic Biotechnology
10	VFS 799	Project

Contact classes

First Semester - 10 Days (One Spell)

Second Semester - 5 Days +5 Days (Two Spells)

Course offered by

Pharmacovigilance Laboratory for Animal Feed and Food Safety,
CAHS, TANUVAS,
Chennai – 600 051.

15. POST GRADUATE DIPLOMA IN ADVANCED REPRODUCTIVE BIOTECHNOLOGY IN ANIMAL MODELS (PGDARB)

Importance and Impact of the course

Assisted reproductive technology (ART), comprised of techniques such as artificial insemination (AI), in vitro fertilization (IVF), embryo transfer (ET) and sperm and embryo cryopreservation has been promoted over the past 25 years as potential means to positively exploit the superior germ plasma and to conserve threatened animal populations. At present many, if not all, reproduction techniques well established in animal models have been translated to human, some on a practical basis like AI and ET, others on an experimental basis like the embryonic stem cell and cloning technologies. Routine human IVF, emerged from research on animal reproduction that was gained in the nineteenth and twentieth century's when very little was known about human conception. Since its introduction into reproductive medicine in 1978, IVF has been considered as successful method of treating female sterility. Almost one decade later, micromanipulation techniques were first applied successfully to the treatment of male – factor infertility.

In spite of increase in the demand for ART among the public, expertise to handle these techniques was very limited and solely dependent on few technicians. Training the Individuals by updating the knowledge and skills in advanced reproductive techniques is the need of the hour to increase the number of expertise in this field. With easy availability of the resource material at a cheaper cost, animal models serve as suitable alternative to learn the advanced reproductive techniques. The information obtained from animal ART models will be important to implement the techniques on the human for alleviating the rising infertility crisis among the human population.

Eligibility (Minimum)

B.V.Sc./B.V.Sc. and AH/MBBS/ M.Sc. Life Sciences or any other relevant disciplines as basic qualifications candidates are eligible.

Course Fee: Rs.40,000/-

Duration: One year (Two semesters)

No. of Seats: 05 (Five) only

Method of Selection

As per TANUVAS academic regulations and rules in force

Course Content

S.No	Code	Course Title
First Semester		
1	ARB 701	Applied reproductive anatomy and physiology of farm animal
2	ARB 702	Instrumentation and Basic laboratory techniques in embryo biotechnology
3	ARB 703	Molecular techniques in embryo biotechnology
4	ARB 704	In-vitro production of embryos A. Recovery and quality assessment of oocytes
5	ARB 705	In-vitro production of embryos B. In-vitro maturation, fertilization and culturing of oocytes
Second Semester		
6	ARB 706	Micro-assisted fertilization – Intra Cytoplasmic sperm Injection (ICSI)
7	ARB 707	Cryopreservation of oocytes and embryos
8	ARB 708	Biotechnological techniques in evaluation of embryos for transfer to recipients
9	ARB 709	Applications, Governing bodies, Regulations and ethical issues of assisted Reproductive techniques
10	ARB 799	Project

Contact classes

First Semester - 10 Days (One Spell)

Second Semester - 5 Days +5 Days (Two Spells)

Course offered by

Department of Animal Biotechnology,
Madras Veterinary College,
Chennai -600 007

16. POST GRADUATE DIPLOMA IN ANIMAL WELFARE (PGDAW)

Importance and Impact of the course

The Post Graduate Diploma programme in Animal Welfare is important, considering the increasing awareness in animal-welfare-related issues. The goal to be achieved by an enhanced understanding of the basic biology of stress, animal behavioural responses and related environmental influences is to ensure appropriate strategies for animal well being. Such understanding creates sensitivity to the issue of adequate animal care and hopefully, contributes to the effort of those responsible for animal welfare.

Livestock producers are sensitive to animal care because they are normally perceptive of animal needs and because the environment influences animal performance that in turn may affect the producer's livelihood through negative economic impacts. This view supports the animal welfare education which is a multidisciplinary subject and is evolving rapidly with the core components of welfare science, welfare ethics, welfare laws and welfare standards. Animal welfare can be applied to all animal species, sometimes preceded by 'farm' or 'companion' or other words to denote to which group of animals the term is specifically referring. This does require considerable knowledge of the welfare impact of certain husbandry and clinical practices and an ability to analyze logically the often-competing different human interests.

The typical dictionary of welfare suggests the presence of happiness, healthfulness and prosperity. Hence the course on animal welfare would facilitate scrupulous learning among the veterinarians, civil workers, researchers, policy makers, advocates and armed force people who are involved in animal activities.

Eligibility (Minimum)

Any degree candidates are eligible.

Course Fee: Rs.20,000/-

Duration: One year (Two semesters)

No. of Seats: 05 (Five) only

Method of Selection

As per TANUVAS academic regulations and rules in force

Course Content

S.No	Code	Course Title
First Semester		
1	AWF 701	Introduction to animal welfare Historical perspective of animal well being- Scope and functions of animal welfare
2	AWF 702	Animal ethology and cognition
3	AWF 703	Handling, restraining and transport of animals
4	AWF 704	Environmental housing needs and nutritional requirements- Design considerations
5	AWF 705	First aid and care and nursing of sick, geriatric animals
Second Semester		
6	AWF 706	Animal welfare ethics and laws
7	AWF 707	Laboratory animal management and pertaining laws
8	AWF 708	CPCSEA rules and regulations Functioning of Organisation
9	AWF 709	Rules and laws
10	AWF 799	Project

Contact classes

First Semester - 10 Days (One Spell)

Second Semester - 5 Days +5 Days (Two Spells)

Course offered by

Department of Livestock Production Management,
Madras Veterinary College,
Chennai -600 007

17. POSTGRADUATE DIPLOMA IN BIO-INFORMATICS (PGDBI)

Importance and Impact of the course

Bioinformatics is an interdisciplinary field of science which combines biology, chemistry, computer science, mathematics and statistics and it is used to analyze and interpret biological data. It has many fields such as proteomics, genomics, sequence analysis, microarray etc. In which, the study tries to understand the organisational principles within nucleic acid and protein sequences, called proteomics. Besides, Bioinformatics is used for the identification of candidate genes and single nucleotide polymorphisms (SNPs). Often, such identification is made with the aim of better understanding the genetic basis of disease, unique adaptations, desirable properties (esp. in agricultural species), or differences between populations which comes under the field of Genomics. Sequence analysis is the analysis of DNA and protein sequences for clues regarding function and includes sub problems such as identification of homologs, multiple sequence alignment, searching sequence patterns, and evolutionary analyses. Protein structures are three-dimensional data and the associated problems are structure prediction (secondary and tertiary), analysis of protein structures for clues regarding function, and structural alignment.

Gene expression data is usually represented as matrices and analysis of microarray data mostly involves statistics analysis, classification, and clustering approaches. In addition, Bioinformatics is used in many fields such as Microbiology, Food Science, Veterinary Science, Immunology and Agriculture.

Eligibility (Minimum)

Any Life Sciences degree candidates are eligible.

Course Fee: Rs.20,000/-

Duration: One year (Two semesters)

No. of Seats: 10 (Ten) only

Method of selection:

As per TANUVAS academic regulations and rules in force

Course Content

S.No	Code	Course Title
First Semester		
1	BIT 701	Cell and Molecular Biology
2	BIT 702	Introduction to Bioinformatics and its Applications
3	BIT 703	Genomics and Proteomics
4	BIT 704	Basic Concept in Computing
Second Semester		
5	BIT 705	Molecular Modelling and Drug Design
6	BIT 706	Computer Programming for Bioinformatics
7	BIT 707	Data mining and tools & software for Bioinformatics
8	BIT 799	Project

Contact classes

First Semester

Second Semester

- 10 Days (One Spell)

- 5 Days +5 Days (Two Spells)

Course offered by

Department of Bioinformatics Centre and ARIS Cell,

Madras Veterinary College,

Chennai- 600 007.



18. POSTGRADUATE DIPLOMA IN APPLIED BIOSTATISTICS (PGDABS)

Importance and Impact of the course

Biostatistics is important not only for analyzing the result of research data but also for understanding and reducing errors in biological research. Biostatistics has made significant contributions to the development of health sciences, medicine and biological sciences and has become an important research tool. Statistical methodology is the vital tool of any research that can form reasonable judgment and conclusions. The fields of application and areas of concern of biostatistics include clinical research, pharmacology, genetics, biotechnology, basic science, epidemiology research demographics, quality control of medicine and biological materials, diagnosis and medical prognosis and health economics. Any research work is incomplete without treating the data statistically and interpreting the result with scientific and statistical reasoning and evidence.

Biostatisticians are in high demand due to their various responsibilities in scientific data. They also collaborate with informatics, experts, scientist and researchers for various functions. Although there are many graduate-level biostatistics courses in foreign universities, only a very few such courses are available in our country and that too they are limited as full master's programme. Considering the strong need and urgency for capacity building of graduates in the area Biostatistics, this course on "Applied Biostatistics" is proposed to be offered as Post Graduate in Distance Mode.

Eligibility (Minimum)

Any degree in Life Sciences / Biology / Veterinary Science / Medical Sciences / Agricultural and Allied Sciences / Food Sciences / Poultry Science / Fisheries Science / Engineering Sciences candidates are eligible.

Course Fee: Rs.20,000/-

Duration: One year (Two semesters)

No. of Seats: 05 (Five) only

Method of selection:

As per TANUVAS academic regulations and rules in force

Course Content

S.No	Code	Course Title
First Semester		
1	BST 701	Fundamentals in Mathematics
2	BST 702	Elementary Concepts in Statistics
3	BST 703	Correlation and Regression
4	BST 704	Probability theory and Distributions
5	BST 705	Statistical Testing of Hypothesis
Second Semester		
6	BST 706	Sampling Design
7	BST 707	Design of Experiments
8	BST 708	Bioassay
9	BST 709	Introduction to Epidemiology
10	BST 710	Design and Analysis of Epidemiological Studies
(or)		
11	BST 711	Statistical Quality Control
12	BST 799	Project

Contact classes

First Semester - 10 Days (One Spell)
Second Semester - 5 Days +5 Days (Two Spells)

Course offered by

Department of Animal Husbandry Statistics and Computer Applications,
Madras Veterinary College,
Chennai- 600 007.

19. POSTGRADUATE DIPLOMA IN MEAT TECHNOLOGY AND QUALITY ASSURANCE OF MEAT AND MEAT PRODUCTS (PGDQAMP)

Importance and Impact of the course

The Indian meat industry has not taken its due share in spite of big potential. The major constraints for the meat industry are unorganised nature of meat production and marketing, socio-economic taboos associated with meat eating, inadequate infrastructure facilities and poor post-harvest management. The situation is further compounded by insistence of domestic consumers to buy freshly cut meat from the wet market, rather than processed or frozen. Poultry meat for domestic consumption comes from unorganized / unregistered premises / meat shops. The volume sold in wet markets in India is one of the highest among Asian countries. Hence the existing wet marketing system has to be gradually shifted to bring about frozen meat marketing, post harvest technology and value addition of meat. The meat processing sector in India has to go a long way to catch-up with some developing countries which have modernized and expanded their processing sector to emerge as major exporters of processed meat products to developed and high economy developing countries.

In India, the focus is now beginning to shift to processed meat products where consumption has grown substantially. With all the above mentioned features, now we are in the state of increasing the yield of meat per animal and to satisfy the requirements of World Trade Organization regime pertaining to Sanitary and Phyto-Sanitary measures (SPS). Under this circumstance, the course will offer the required knowledge on post harvest hygienic techniques and value addition methods for marketing of meat products.

Eligibility (Minimum)

B.V.Sc/B.V.Sc.& A.H. degree, Bachelor's Degree in Food Science/ Food Technology / Life sciences degree candidates are eligible.

Course Fee: Rs.20,000/-

Duration: One year (Two semesters)

No. of Seats: 05 (Five) only

Method of selection:

As per TANUVAS academic regulations and rules in force

Course Content

S.No	Code	Course Title
First Semester		
1	MST 701	Food animals and meat hygiene
2	MST 702	Abattoir practices and management
3	MST 703	Slaughterhouse by-products utilization
4	MST 704	Meat borne illnesses
5	MST 705	Meat Production economics and marketing
Second Semester		
6	MST 706	Fresh meat processing
7	MST 707	Value addition of meat products
8	MST 708	Meat preservation and packaging
9	MST 709	Meat and meat products quality control and assurance
10	MST 799	Project

Contact classes

First Semester - 10 Days (One Spell)
Second Semester - 5 Days +5 Days (Two Spells)

Course offered by

Department of Livestock Products Technology (Meat Science),
Madras Veterinary College,
Chennai- 07

20. POSTGRADUATE DIPLOMA IN FARM WASTE MANAGEMENT (PGDFWM)

Importance and Impact of the course

Effective waste management is a challenge faced by many individuals. Knowledge on proper waste management measure is a prerequisite for meeting the problem effectively at least from the waste generated from our surroundings apart from industrial and hazardous wastes. Inappropriate disposal of wastes on farms can cause contamination and pollution. There is a notion that the agricultural wastes are in excess and can be well utilized. There are many waste management approaches such as separation of waste from source, physical, chemical and biological treatments, recycling, reprocessing and utilization of waste to valuable products. However, the key in success is to make the venture profitable.

Hence, this course will create awareness and learning on proper collection and disposal of wastes. There is a strong need for capacity building in the area of technical knowledge on waste management as no separate course available exclusively on this subject for any professional degree holder to undergo, in spite of plenty of scope do exist for waste to wealth management in the midst of swachh bharat mission.

Eligibility (Minimum)

Any Life Sciences degree candidates are eligible.

Course Fee: Rs.20,000/-

Duration: One year (Two semesters)

No. of Seats: 05 (Five) only

Method of Selection

As per TANUVAS academic regulations and rules in force

Course Content

S.No	Code	Course Title
First Semester		
1.	FWM 701	Introduction to waste Management
2.	FWM 702	Farm waste treatments
3.	FWM 703	Solid waste management
4.	FWM 704	Composting Techniques
5.	FWM 705	Agricultural waste water reclamation and reuse
Second Semester		
6.	FWM 706	Farm waste recycling
7.	FWM 707	Waste to resources
8.	FWM 708	Sustainable energy production from farm wastes
9.	FWM 709	Economics of farm waste management
10.	FWM 710	Laws governing farm waste management
11.	FWM 799	Project Work

Contact Classes

First Semester - 10 Days (One Spell)
Second Semester - 5 Days +5 Days (Two Spells)

Course offered by

Department of Agronomy
Madras Veterinary College
Chennai – 600 007.

21. POSTGRADUATE DIPLOMA IN FORAGE PRODUCTION AND PASTURE MANAGEMENT (PGDFPM)

Importance and Impact of the course

Livestock holds a major position in the economy of rural India by providing employment and supplementary family income to millions of people. The population of livestock and business on livestock sectors are increasing every year. Hence, production of green fodder is very essential for livestock farmers/industry to sustain and to meet out the demand of fodder requirement for livestock population. The knowledge on fodder production and conservation is a prerequisite for facing the problem effectively and to enhance fodder availability. There is a strong need for capacity building in the area of technical knowledge on pasture/grassland management as no separate course is available exclusively on this subject for any degree holders to undergo, in spite of plenty of scope do exist for production and conservation of fodders for increasing livestock productivity.

Apart from this, green forage is available in natural grassland (*Meikal Poramboke*) only during monsoon / post monsoon periods and hence there is a need to conserve the same for meeting the forage requirement during off seasons/summer during which periods, there is fodder shortage. The present course may be of use to the Veterinary Assistant Surgeons / other implementing agencies who are involved in such fodder development schemes. The program will also create awareness and learning on production and preservation of fodders for effective utilization throughout the year.

Eligibility (Minimum)

Any Life Sciences degree candidates are eligible.

Course Fee: Rs.20,000/-

Duration: One year (Two semesters)

No. of Seats: 05 (Five) only

Method of Selection

As per TANUVAS academic regulations and rules in force

Course Content

S.No	Code	Course Title
First Semester		
1.	FPM 701	Introduction to forage production
2.	FPM 702	Fodder production in small farm holdings
3.	FPM 703	Fodder conservation and utilization
Second Semester		
4.	FPM 704	Soil fertility in forage production
5.	FPM 705	Feeding of forages to ruminant livestock
6.	FPM 706	Pasture establishment and management
7.	FPM 799	Project Work

Contact Classes

First Semester

Second Semester

- 10 Days (One Spell)

- 5 Days +5 Days (Two Spells)

Course offered by

Department of Agronomy
Madras Veterinary College
Chennai – 600 007.

22. POSTGRADUATE DIPLOMA IN DAIRY PROCESSING AND QUALITY ASSURANCE (PGDDPQA)

Importance and Impact of the course

With the introduction of modern technology in the production and processing of dairy products, the concept of milk is shifting towards value added dairy business. The Dairy and Food industries have opened up new avenues for employment and economy. Dairy sector is further expected to grow faster and generate more employment in the near future. One pertinent drawback of the new system is a lack of scientific management due to dearth of middle level professionals. Most of the entrepreneurs would like to dispose the milk as farm fresh or want to establish small processing plants to improve the revenue. Hence to man such units and also to promote personnel's in quality control, a human resource development programme comprising both dairy processing and quality assurance is required urgently to cater to the needs of these groups.

Keeping the above in view, a post graduate diploma programme in dairy processing and quality assurance of one year duration is envisaged with the aim to develop human resource for the fast growing food processing sector and provide knowledge & technical competencies to address man power crunch in the emerging issues of processing, product development, food safety, marketing, export & sustainable use of resources.

Eligibility (Minimum)

B.V.Sc.&AH/ UG/PG in Agri, Horticulture, Food Science, Food Technology, Dairy Science, Dairy Technology, Home Science, Nutrition & Dietetics, Biology, Microbiology, Botany, Zoology, Chemistry, Biochemistry, Biotechnology, Life Science & B.Voc. in Dairy or Food Sciences.

Course Fee: Rs.20,000/-

Duration: One year (Two semesters)

No. of Seats: 05 (Five) only

Method of selection:

As per TANUVAS academic regulations and rules in force

Course Content

S.No	Code	Course Title
First Semester		
1	DQA 701	Principles of Dairy Processing
2	DQA 702	Principles of Dairy Microbiology
3	DQA 703	Technology of fat rich dairy products
4	DQA 704	Technology of indigenous dairy products
5	DQA 705	Cleaning, sanitization of dairy equipments and dairy waste disposal
Second Semester		
6	DQA 706	Technology of Ice cream, cheese and dried milk
7	DQA 707	Technology of cultured dairy products
8	DQA 708	Packaging of Dairy products
9	DQA 709	Quality assurance for dairy industry
10	DQA799	Project

Contact classes

First Semester

- 10 Days (One Spell)

Second Semester

- 5 Days +5 Days (Two Spells)

Course offered by

Department of Livestock Products Technology (Dairy Science),
Veterinary College and Research Institute,
Namakkal – 637 002.

23. POSTGRADUATE DIPLOMA IN FEED MANUFACTURING TECHNOLOGY (PGDFMT)

Importance and Impact of the course

The dairy, poultry and aquaculture industry are growing rapidly. The poultry industry is growing at the rate of 10% per annum. Livestock, Poultry and aqua feeds produced in Tamil Nadu are approximately 12,000 metric tons per day. More than 200 feed mills are located in Namakkal region with a minimum production capacity of 2000 tons of feed per month. The demand for processed feeds is bound to grow in the years to come.

The personnel with varying qualifications and skills are operating the feed mills at present by the experience gained over a period of time. The feed mill operations include judicious selection and procurement of raw materials, quality assessment, efficient feed processing, value addition, packing, labeling, storage, transport, marketing and auditing. Each step in this process requires adequate knowledge and skill.

Keeping this in view, the course on “Postgraduate Diploma in Feed Manufacturing Technology” has been designed for the graduates to impart necessary knowledge, skill and management capacity to become entrepreneur or to seek employment in the feed industry. Hands on training will be imparted on feed and feed ingredients handling and storage, quality assessment of feed ingredients and finished feeds, feed mill operations, premix preparation, processing and conservation of fibre rich feed resources, value added feed products, HACCP law and GMP in feed manufacturing, economics and record maintenance in feed industry etc. Unemployed graduates or those working in government and private sectors and personnel involved in feed mill operations and feed marketing are expected to benefit from this course.

Eligibility (Minimum)

B.V.Sc./B.V.Sc.&AH./ B.F.Sc./ B.Sc (Life sciences) B.Tech / B.E (Agri/Agri Engineering)

Course Fee: Rs.20,000/-

Duration: One Year (Two Semesters)

No. of Seats: 10 (Ten) only

(VC&RI, Namakkal – 05 and CPPM, Hosur – 05)

Method of Selection

As per TANUVAS academic regulations and rules in force

Course Content

S.No	Code	Course Title
First Semester		
1	FMT 701	Feed and feed ingredients storage and handling
2	FMT 702	Quality assessment of feed ingredients and finished feed
3	FMT 703	Feed mill designing and operation
4	FMT 704	Premix preparation
5	FMT 705	Adulterants, contaminants and anti- nutritional factors in feed ingredients
Second semester		
6	FMT 706	Processing and conservation of fibrous feed resources
7	FMT 707	Value added feed products
8	FMT 708	HACCP, LAW and GMP in feed
9	FMT 709	Record maintenance and economics of feed manufacturing units
10	FMT 799	Project

Contact Classes

First Semester - 10 Days (One Spell)
 Second Semester - 5 Days +5 Days (Two Spells)

Course offered by:

(i) VC&RI, Namakkal

Department of Animal Nutrition,
 Veterinary College and Research Institute,
 Namakkal – 637 002

} First 1st to 5th candidates
 (based on the scores of merit)

(ii) CPPM, Hosur

College of Poultry Production and Management
 Hosur - 635 110

} 6th to 10th candidates
 (based on the scores of merit)

24. POSTGRADUATE DIPLOMA IN COMMERCIAL POULTRY PRODUCTION AND MANAGEMENT (PGDCPPM)

Importance and Impact of the course

Poultry industry in India, especially in Tamil Nadu is growing fast and thus, requires more number of poultry professionals to cater to the industry's need. The production performance of both broiler and layer in India is on par with international standards and hence, it requires more technical knowledge in terms of housing, nutrition and management. At present, the Veterinary Graduates are employed as poultry specialists. However, many veterinarians at middle management level require more knowledge and skills in the area to manage the large size poultry farms.

The PGDCPPM qualified candidates will have employment opportunities in poultry sector and also some of them can become entrepreneurs in poultry related activities. In addition, the veterinarians graduated from SAU/SVUs may also acquire additional knowledge in poultry.

Eligibility (Minimum)

Any life sciences degree candidates are eligible.

Course Fee: Rs.20,000/-

Duration: One Year (Two Semesters)

No. of Seats: 10 (Ten) only

(VC&RI, Namakkal – 05 and CPPM, Hosur – 05)

Method of Selection

As per TANUVAS academic regulations and rules in force

Course Content

S.No	Code	Course Title
First Semester		
1	CPP 701	Poultry housing and environment
2	CPP 702	Management of broilers
3	CPP 703	Management of layers
4	CPP 704	Diversified poultry production
5	CPP 705	Poultry nutrition and feeding
Second Semester		
6	CPP 706	Commercial breeder flock and hatchery management
7	CPP 707	Poultry flock health
8	CPP 708	Poultry egg and meat technology
9	CPP 709	Poultry production economics and marketing of poultry
10	CPP 799	Project

Contact Classes

First Semester - 10 Days (One Spell)
 Second Semester - 5 Days +5 Days (Two Spells)

Course offered by:

(ii) VC&RI, Namakkal

Department of Animal Nutrition,
 Veterinary College and Research Institute,
 Namakkal – 637 002

First 1st to 5th candidates
 (based on the scores of merit)

(ii) CPPM, Hosur

College of Poultry Production and Management
 Hosur - 635 110

6th to 10th candidates
 (based on the scores of merit)

25. POST GRADUATE DIPLOMA IN LABORATORY ANIMAL MANAGEMENT (PGDLAM)

Importance and Impact of the course

High-quality biomedical research depends on a well-structured animal care program. Laboratory animal species exhibit significant differences in their anatomical and physiological characteristics. These species vary widely in size, lifespan, health status, physical condition, and behavioral traits, which can influence experimental outcomes. As a result, no single animal care protocol is likely to be ideal for all species. It is essential to apply performance standards along with professional judgment when implementing an animal care program..

The primary goal of this course is to provide life science students and researchers involved in laboratory animal research with the foundational knowledge needed to conduct their research in a humane and ethical manner, leading to more reliable results with less variation. However, this course should not be considered the sole source of information or guidance for laboratory techniques. It should be supplemented with additional readings from books, journals, and articles that focus on the specific conditions of various laboratory animal facilities. By gaining a deeper understanding of these fundamentals, participants will also learn new techniques in research methodology and the management responsibilities within laboratory animal facilities, enhancing their value as members of research teams. In modern biomedical research settings, laboratory animal scientists must stay informed about the most current, efficient practices in husbandry, research methods, and humane animal management and treatment. This Postgraduate Diploma (PGD) in Laboratory Animal Management will provide both the knowledge base and practical training (during contact classes) for students and professionals in laboratory animal research, enabling them to conduct research effectively and ethically with laboratory animals.

Eligibility (Minimum)

M.Pharm./ M.Sc /M.Tech / AYUSH Graduate or any UG in Life Sciences degree candidates are eligible

Course Fee: Rs.40,000/-

Duration: One year (Two semesters)

No. of Seats: 10 (Ten) only

Method of Selection

As per TANUVAS academic regulations and rules in force

Course Content

S.No	Code	Course Title
First Semester		
1	LAM 701	History, legislation, ethics, 3Rs, views in society and welfare of laboratory animals
2	LAM 702	Biology and behavior of laboratory animals (rat, mice, guinea pig, rabbit and dog)
3	LAM 703	Laboratory animal facility
4	LAM 704	Nutrition and feeding of laboratory animals
5	LAM 705	Handling, restraining and drug administration in laboratory animals
Second Semester		
6	LAM 706	Breeding of laboratory animals
7	LAM 707	Zebrafish model in biomedical research
8	LAM 708	Selection of appropriate animal model for biomedical research
9	LAM 709	Basic statistics in animal experimentation
10	LAM 710	Health Monitoring, Euthanasia and Sample Collection
11	LAM 799	Project

Contact classes

First Semester - 10 Days (One Spell)

Second Semester - 5 Days +5 Days (Two Spells)

Course offered by

Department of Lab Animal Sciences,
DCAHS, TANUVAS,
Chennai -600 051.

26. POST GRADUATE DIPLOMA IN VETERINARY PHARMACY (PGDVPR)

Importance and Impact of the course

Pharmacy plays a vital role in healthcare systems worldwide and impacts public health in numerous ways. In veterinary clinics, pharmacists play a key role in the procurement, manufacture, preparation and dispensing of drugs. For this they have to be trained in drugs specific to different animal species, drug dosages, interactions, and side effects in animals, formulating and compounding medications suited for animals. For effective disease prevention and treatment, veterinary pharmacy ensures safe and effective medication practices. Inappropriate use of antibiotics and other drugs in animals can lead to, drug residues in meat, milk, and eggs and antimicrobial resistance (AMR). In India, veterinary pharmacy is at its infancy with no specific course available and non-availability of qualified veterinary pharmacists. Veterinary pharmacists will support veterinarians by, ensuring proper storage, handling and dispensing of veterinary medicines. Under the "One Health" concept connecting human, animal, and environmental health, veterinary pharmacy contributes to it by promoting safe drug practices.

With the rise in pet ownership, the expansion of the livestock industry, and the global push for One Health, which links human, animal, and environmental health. There is a clear need for professionals to be trained in the safe and effective use of veterinary drugs. Regulatory bodies now require strict control of veterinary medicines to prevent issues like drug residues in food products and antimicrobial resistance. This Veterinary Pharmacy course has been designed to fill this gap, offering training in, Species-specific drug action and formulation, safe dispensing practices, regulatory compliance, public health protection.

This educational background provides the foundation for a skilled workforce capable of supporting veterinarians and promoting responsible animal healthcare across sectors.

Eligibility (Minimum)

B.Pharm/M.Pharm/D.Pharm in any recognized University degree candidates are eligible

Course Fee: Rs.20,000/-

Duration: One year (Two semesters)

No. of Seats: 05 (Five) only

Method of Selection

As per TANUVAS academic regulations and rules in force

Course Content

S.No	Code	Course Title
First Semester		
1	VPR 701	Regulatory aspects of Drug Manufacturing and Marketing
2	VPR 702	Veterinary Pharmaceutics
3	VPR 703	Veterinary Biopharmaceutics and pharmacokinetics
4	VPR 704	Veterinary Biologicals
Second Semester		
5	VPR 705	Animal Health and Nutrition
6	VPR 706	Veterinary Pharmacotherapeutics
7	VPR 707	Pharmacognosy
10	VFS 799	Project

Contact classes

First Semester

Second Semester

- 10 Days (One Spell)

- 5 Days +5 Days (Two Spells)

Course offered by

Department of Veterinary Pharmacology and Toxicology,

Madras Veterinary College,

Chennai – 600 007.

Instruction to the Candidates:

- ❖ The selection will be deemed to be cancelled on failing to produce original certificates for verification and no refund of fees will be made.
- ❖ Failure to register for the first semester before specified date shall result in forfeiture of the admission. Candidates shall pay the course fee in one lump sum on or before the date of registration.
- ❖ **Candidates failed to register for the first semester will not be allowed for the second semester.** However, on request they may be permitted for temporary discontinuance and eligible to register for the second year or even/third year of eligibility period by paying the prescribed fee.
- ❖ No extension of time/ further chances will be given, if the candidate fails to complete the programme within three consecutive years.
- ❖ For pass in a course, every candidate shall get a minimum of 60% in every Unit Based Assessment (UBA) and FTE in a course. Besides, a minimum of 60% is required in CCA and CSE.
- ❖ The candidates who did not submit the project work on the specified dates can avail a grace period of three months by paying a fee of Rs.2000/- as Demand Draft in favor of "*DDE PG Diploma Distance Mode Programme, TANUVAS*"
- ❖ Candidates who have discontinued the diploma course temporarily with permission from the Directorate of Distance Education shall be permitted to rejoin the course within the overall period of three years from the initial date of joining with a re-joining fee of Rs.2000/-
- ❖ Successful candidates may apply for getting the provisional diploma certificate. For which a formal request letter addressed to **the Controller of Examinations, TANUVAS, Chennai - 51** with one recent passport size photograph and Demand Draft for Rs.300/- drawn in favour of "**The Finance Officer, TANUVAS, Chennai-51**".
- ❖ Successful candidates may apply for getting the Diploma certificate through the Controllerate of Examinations during the consequent Convocation announcement of the University. The details can be enquired through phone no: 044-29997348 / 49 (or) email id: ce@tanuvas.org.in



Tamil Nadu Veterinary and Animal Sciences University
Website: www.tanuvac.ac.in | www.tanuvasdde.in