

Kerala Veterinary and Animal Sciences University, Pookode



PROSPECTUS 2024-25

FOR ADMISSION TO
TECHNOLOGY ENABLED
SKILL ORIENTED
LEARNING AND
EDUCATIONAL
PROGRAMMES (TESOLEP)



Kerala Veterinary and Animal Sciences University

PROSPECTUS FOR TECHNOLOGY ENABLED SKILL ORIENTED LEARNING AND EDUCATIONAL PROGRAMMES

ACADEMIC SESSION 2024-25

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POST GRADUATE CERTIFICATE IN CLIMATE SMART LIVESTOCK AND POULTRY PRODUCTION

Livestock production is highly sensitive to variations in environmental and climatic factors across the world. Extreme climate and weather events, such as flood, storm, heat wave, cyclone, wildfire and drought affect the livestock farming adversely. The Intergovernmental Panel on Climate Change (IPCC)-2014 reported a warming of 0.85°C over the period from 1880 to 2012 due to continued emission of greenhouse gases. In India mean surface temperature has also risen by 0.6°C over the last century. It is predicted that further warming and long-lasting climate changes will result in severe, pervasive and irreversible impacts on people and ecosystems. The rapid and unprecedented changes in the livestock production systems along with increasing demand for animal products and human intervention to regulate production environments made climate change a significant factor influencing the livestock sector. Working towards introducing the right kind of education in the environment and ecosystem can develop a sense of social responsibility for a sustainable life on earth.

This PG certificate programme includes all the aspects of climate change and is designed and targeted to professionals in agriculture and veterinary science, researchers and students interested in updating their knowledge of climate change and associated scenarios in livestock and poultry production.

Eligibility: Graduation in any Life Science courses from a recognised university.

Students waiting for the result can also apply and they shall produce attested copy of the final year mark list at the time of course registration. Such candidates shall be intimated in advance that the application fee once remitted will not be refunded at any circumstances.

Duration: One year
(contact classes for 6 days)

Mode : TESOLEP

Tuition Fee: Rs. 9,000/-
[Refer fee structure given in last page of the prospectus]

No. of seats: Flexible

Mode of selection : Open selection

Department/ School/ Centre offering the programme: Directorate of Entrepreneurship.

Total number of courses -12

Total number of credits- 40

Contact:

Dr.S. Harikumar
e-mail: harikumar@kvasu.ac.in
Mob: 9447386770

Abstract of the courses

| Sl No | Title of the courses | Course code | Total Credits |
|-------|--|-------------|---------------|
| 1 | Introduction to basics of climatology | CC 101 | 2+0=2 |
| 2 | Concept of climate change | CC 102 | 3+0=3 |
| 3 | Impact of climate change on livestock | CC 103 | 3+0=3 |
| 4 | Thermal stress responses in livestock | CC 104 | 3+0=3 |
| 5 | Thermal stress assessment in livestock and poultry | CC 105 | 4+0=4 |
| 6 | Livestock and global warming | CC 106 | 2+0=2 |
| 7 | Thermal stress ameliorative measures for livestock | CC 107 | 3+0=3 |
| 8 | Thermal stress ameliorative measures for poultry | CC 108 | 2+0=2 |
| 9 | Disaster management for livestock | CC 109 | 3+0=3 |
| 10 | Life cycle assessment and carbon trading | CC 110 | 3+0=3 |
| 11 | Initiatives on climate change | CC 111 | 2+0=2 |
| 12 | Project work | CC 112 | 10+0=10 |

POST GRADUATE CERTIFICATE IN VETERINARY HOMOEOPATHY

Homoeopathy has been a propounded system of treatment for animals as effective and efficacious in human beings since the time immemorial. Animals are treated homoeopathically for both acute and chronic conditions. Acute conditions include injuries. Both physical and behavioral problems are treated. Physical problems include conditions of the skin such as eczemas, eye inflammations, allergies, cough, gastrointestinal disorders, urinary tract diseases including infections and diseases of the kidneys, diabetes, problems of liver and thyroid, diseases of the loco motor system, neurological complaints such as paralysis and epilepsy and hormonal disturbances. More specifically cows and sheeps are treated for mastitis, calves for diarrhoea, pigs for respiratory difficulties and birds for eye infections.

The course is designed to meet the urgent demand of the day for those Veterinary graduates who would like to extend their knowledge in Homoeopathy as an alternative medicine.

Eligibility: BVSc &AH.

Students waiting for the result can also apply and they shall produce attested copy of the final year mark list at the time of course registration. Such candidates shall be intimated in advance that the application fee once remitted will not be refunded at any circumstances.

Duration: One Year. During the period of study candidate has to attend contact classes for 6 days.

Mode :TESOLEP.

No. of seats : Flexible- Anticipating 100 seats.

Tuition Fee: Rs. 20,000/-

[Refer fee structure given in last page of the prospectus].

Mode of selection : open selection.

Department/ School offering the programme: Department of Veterinary Pharmacology and Toxicology, College of Veterinary and Animal Sciences, Mannuthy.

Total number of courses -5 (5 courses each with 8 credits).

Total number of credits-40Credits.

Contact:

Dr. Bibu John Kariyil
Email: pgcvh@kvasu.ac.in
Ph: 9895297842

Abstract of the courses

| Sl No | Title of the Course | Course code | Major/elective | Total credits |
|-------|--|-------------|----------------|---------------|
| 1 | Basic Principles and Philosophy of Homoeopathy | CVH-1 | Major | 8+0=8 |
| 2 | Homoeopathic Pharmacy | CVH-2 | Major | 8+0=8* |
| 3 | Repertory | CVH-3 | Major | 8+0=8 |
| 4 | Homoeopathic Materia Medica | CVH-4 | Major | 8+0=8 |
| 5 | Practice of Homoeopathy in Veterinary Medicine * Demonstration of preparations of various types of homoeopathic medicines | CVH-5 | Major | 8+0=8 |

POST GRADUATE CERTIFICATE IN THERAPEUTIC MANAGEMENT OF INFECTIOUS DISEASES OF PET ANIMALS AND PET BIRDS

Small animal population has increased in leaps and bounds over the past decade in India. Dogs and cats of high pedigree have established their presence even among the small urban and rural households of this country. The humid, tropical climate of our country, particularly states like Kerala, favour existence and multiplication of different types of pathogens and their vectors. Consequently infectious diseases have emerged as the most serious threat to pet rearing in India with approximately 60% of total cases treated in the major urban hospitals belonging to this category. The veterinary practitioners of the country are faced with the daunting task of prompt diagnosis and effective therapy of a series of diseases which were hitherto rarely detected. These diseases have the potential to become serious threats to both the pet and human population, as many are zoonotic and stand a good chance of spreading to the human population due to close proximity enjoyed. This situation warrants use of modern techniques in diagnosis and therapeutic management of such diseases, which most of the veterinary practitioners are still unfamiliar with.

There is constant demand from their side to have advanced courses on this aspect of clinical practice. The huge number of patients presented to the hospitals and well equipped labs offer excellent opportunities to impart advanced training on therapeutic management of infectious diseases to the field veterinarians.

Eligibility: B.V.Sc & AH.

Students waiting for the result can also apply and they shall produce attested copy of the final year mark list at the time of course registration. Such candidates shall be intimated in advance that the application fee once remitted will not be refunded at any circumstances.

Duration: One year with eight days of contact classes.

Mode: TESOLEP.

No. of seats :25

Tuition Fee: Rs. 35,000/- [Referfee structure given in last page of the prospectus].

Mode of selection: Open selection.

School/Department offering the Programme:
Dept. of Veterinary Epidemiology and Preventive Medicine, KVASU.

Total number of courses: 14

Total number of credits: 40

Contact:

Dr. Justin Davis K
E-mail: justinpm@kvasu.ac.in
Ph: 9446797772

Abstract of the courses- 1st Year

| Sl No | Title of the Course | Course code | Total credits |
|-------|---|-------------|---------------|
| 1 | General principles of health Management | DPM-1 | 2+0=2 |
| 2 | Viral diseases of pet animals | DPM-2 | 4+0=4 |
| 3 | Bacterial and Rickettsial diseases of pet animals | DPM-3 | 4+0=4 |
| 4 | Haemoprotzoan diseases of pet animals | DPM-4 | 4+0=4 |
| 5 | Principles and practice of fluid Therapy | DPM-5 | 3+0=3 |
| 6 | Principles and practice of Vaccination | DPM-6 | 3+0=3 |
| 7 | Dermatological conditions of pet animals | DPM-7 | 3+0=3 |
| 8 | Systemic fungal diseases of pet animals | DPM-8 | 3+0=3 |
| 9 | Parasitic conditions of pet animals | DPM-9 | 3+0=3 |
| 10 | Diseases of pet birds | DPM-10 | 3+0=3 |
| 11 | Critical care of pet animals and birds | DPM11 | 2+0=2 |
| 12 | Principles and practice of antibiotic Therapy in pet animals and birds | DPM12 | 2+0=2 |
| 13 | Haematological and biochemical investigations and interpretation of results | DPM13 | 4+0=4 |
| 14 | Therapeutic management of diseases – Diagnostic techniques – contact class | DPM-14 | US/S |

POST GRADUATE CERTIFICATE IN FARM JOURNALISM

University is launching Post Graduate Certificate programme in Farm Journalism from the Current academic year in the MOOC (Massive Online Open Courses) mode of learning. In the era of ICT and globalization, farm media plays a key role in knowledge dissemination among farmers, entrepreneurs and other stake holders. Officers working under Animal husbandry, Agriculture, Fisheries, Dairy Development Departments/public sector/ universities should be equipped to handle advances in Farm journalism to cater knowledge dissemination through the media. It will help them to effectively utilize the media for technology transfer/ knowledge dissemination services. This will help to develop journalistic skills among practicing Veterinary, Agriculture, Dairy science and Technology, Fisheries, Horticulture and Home Science graduates. It will help them to facilitate knowledge dissemination through different farm media to address the food security and food safety issues affecting agriculture and allied sectors. PG Certificate course in FJ will help them to work as media/public relations managers. Candidates working under Government/ public/ private sector/ NGO can also apply for this programme.

Eligibility: Graduation in any Life Science.

Students waiting for the result can also apply and they shall produce attested copy of the final year mark list at the time of course registration. Such candidates shall be intimated in advance that the application fee once remitted will not be refunded at any circumstances.

Duration: One year.

Mode : TESOELP, MOOC (No Contact Classes)

No. of seats : Flexible.

Tuition Fee: Rs. 8,000/-

Mode of selection : open selection.

Department/ School/ centre offering the programme: Directorate of Entrepreneurship.

Total number of courses -4

Total number of credits- 40

Contact:

Dr. Sabin George, Professor

e-mail: sabin@kvasu.ac.in

Mob: 9446203839

Abstract of the courses

| Sl No | Title of the course | Course code | Total Credits |
|-------|--|-------------|---------------|
| 1 | Introduction to Farm Journalism | FJ-1 | 10+0=10 |
| 2 | Role of Farm media in livestock development | FJ-2 | 10+0=10 |
| 3 | New media and research | FJ-3 | 10+0=10 |
| 4 | Models of Communication relevant to journalism | FJ-4 | 10+0=10 |

POST GRADUATE CERTIFICATE IN POULTRY ENTREPRENEURSHIP

Justification: Poultry industry is one of the fastest growing segments of the agricultural sector in Kerala with its transformation from backyard poultry rearing to a major commercial activity. PG Certificate in Poultry Entrepreneurship intends to introduce new concepts in poultry entrepreneurship to Veterinary and allied graduates. Nowadays, awareness in latest opportunities in poultry sector, marketing strategies, constraints and challenges in the sector are equally important as technical knowledge in the subject for being an efficient poultry entrepreneur.

PGC in poultry entrepreneurship will mould them to work as efficient entrepreneurship managers in commercial poultry farms. Moreover specialization in poultry entrepreneurship will help them to acquire better jobs within the country and abroad. This programme will help the practicing veterinarians also to develop successful poultry development programmes for farmers.

Eligibility: Graduation in any Life Science.

Students waiting for the result can also apply and they shall produce attested copy of the final year mark list at the time of course registration. Such candidates shall be intimated in advance that the application fee once remitted will not be refunded at any circumstances.

Duration: One year.

Mode-TESOLEP,MOOC (No contact classes)

No. of seats: flexible.

Tuition Fee: Rs. 12,000

Mode of selection: open selection.

Department/School offering the programme:
Directorate of Entrepreneurship, KVASU.

Total number of credits: 40

Total number of courses: 14

Mode of evaluation: As per KVASU rules Semester and examinations, assignments and Project work.

Contact:

Dr. Stella Cyriac
e-mail: dde@kvasu.ac.in

| Abstract of the courses- 1 st Year | | | | |
|---|--|-------------|------------------|---------------|
| S1 No | Title of the Course | Course code | Major/elective | Total credits |
| 1 | Prospects in poultry Entrepreneurship | PGCPE-1 | Major | 2+0=2 |
| 2 | Body Systems of poultry and its physiology | PGCPE-2 | Major | 3+0=3 |
| 3 | Breeds and breeding of Chicken | PGCPE-3 | Major | 3+0=3 |
| 4 | Poultry housing and Equipment | PGCPE-4 | Major | 3+0=3 |
| 5 | Poultry nutrition | PGCPE-5 | Major | 3+0=3 |
| 6 | Layer management | PGCPE-6 | Elective/Major | 3+0=3 |
| 7 | Broiler management | PGCPE-7 | Elective/Major | 3+0=3 |
| 8 | Hatchery management | PGCPE-8 | Major | 3+0=3 |
| 9 | Breeder stock management | PGCPE-9 | Major | 3+0=3 |
| 10 | Basics of poultry business Management | PGCPE-10 | Major | 3+0=3 |
| 11 | Biosecurity and bird health | PGCPE-11 | Major | 3+0=3 |
| 12 | Climate change adaptation | PGCPE-12 | Major | 2+0=2 |
| 13 | Management of other poultry species | PGCPE-13 | Elective / Major | 3+0=3 |
| 14 | Value addition of poultry products | PGCPE-14 | Elective/ Major | 3+0=3 |

PG DIPLOMA IN TOXICOLOGIC PATHOLOGY

The pandemic in the world has changed almost everything in the social, scientific and financial arenas. The new normal situations warrant an urgent boom in certain fields when some others have seen unexpected downfall and depressions. The pharmaceutical industry is one among that looks forward for more qualified human resources. The proactive steps from KVASU have already created the platform by approving a new course on toxicologic pathology.

Design of animal experiments, extraction of optimum data during these experiments and interpretation of these data are important determinants of successful animal experimentation. Trained manpower is needed for these activities. Morphological and functional evaluation of animal organs/ tissues is a specialty skill desirable for any researcher using laboratory animals. The specialty is covered under the topics of toxicologic pathology. Significantly, the pharmaceutical industry is growing rapidly in India by 15% annually and the country contributes significantly for the advancement of global biomedical/pharmaceutical research. The country is becoming a hot hub for animal-based experimental studies and contract research. Naturally, the job-prospect of adequately trained experimental and toxicologic pathologist, capable of working on international settings, is expanding in India but the academia is yet to respond to meet these demands. Therefore, the Kerala veterinary and Animal Sciences University (KVASU) is offering this course covering the important aspects of Toxicologic Pathology..

Eligibility: BVSc &AH or MBBS shall be the preferred qualification for admission.

Candidates with Bachelor of Pharmacy (B Pham), BDS, Post- Graduation in Toxicology also can apply for the course.

Duration: 2 year.

The course will be offered as Post Graduate Diploma in Toxicologic Pathology with the permission of an option to exit and entry. The candidate will be offered PG Certificate in Toxicologic Pathology on successful completion of the course requirements by one year.

Contact class: 12 days for PG Diploma & 6 days for PG certificate

Mode: TESOLEP.

No. of seats : 25

Tuition Fee: Rs. 25,000/- per year. [Refer fee structure given in last page of the prospectus]

Mode of selection: Open selection

School/ Dept. offering the Programme:
Department of Veterinary Pathology, College of Veterinary and Animal Sciences, Mannuthy

Total number of courses: 8

Total number of credits: 80 Credits for PG Diploma& 40 Credits for PG Certificate

Contact:

Dr. K.S. Prasanna
E-mail: prasanna@kvasu.ac.in
Ph:9495014780

Abstract of the courses- 1stYear

| Sl No | Title of the Course | Course code | Total credits |
|-------|--|-------------|---------------|
| 1 | Introduction and Basics in Toxicologic Pathology (Principles of general pathology, basic histotechnology and microscopy) | TP 111 | 4+0=4 |
| 2 | Toxicologic pathology of Organ systems-1 (Toxicologic pathology gastro intestinal system, hepatobiliary system and pancreas, cardiovascular and respiratory system) | TP-112 | 6+0=6 |

| | | | |
|---|---|--------|---------|
| 3 | urogenital including male & female systems) Toxicologic pathology of Organ systems-2 Toxicologic pathology of endocrine and immune systems, musculo-skeletal system, skin and appendages, nervous system and organs of special senses | TP-113 | 6+0=6 |
| 4 | Principles of carcinogenesis, mutagenesis and developmental toxicology | TP-114 | 4+0=4 |
| 5 | Toxicologic pathology for drug development specialists | TP-115 | 4+0=4 |
| 6 | Toxicologic pathology for Biotechnologists(Experimental and toxicologic pathology for vaccine and biomedical device development) | TP-116 | 4+0=4 |
| 7 | Contact Classes in Toxicologic Pathology II YEAR | TP-117 | 0+12=12 |
| 8 | Dissertation on contemporary topics in Toxicologic Pathology | | 0+40=40 |

PG DIPOLMA IN SMALL ANIMAL THERIOGENOLOGY

Small animal breeding has gained increased momentum due to the very high demand for good quality pups and kittens. Veterinarians in cities as well as villages are often consulted by dog breeders for breeding management, care of pregnant animals, management of whelping/kittening, ultrasonography, obstetrical interventions etc. The researches in these areas in the last three decades have unraveled many aspects of reproductive biology of canines and felines. Tremendous changes in the management of fertility, gynecological and obstetrical interventions have been developed in the recent years. This diploma course envisages application of these developments in the field and helping the practicing Veterinarians to keep themselves abreast with these latest developments.

College of Veterinary and Animal Sciences, Mannuthy, is a premier veterinary institution in India with two state of the art facility veterinary hospitals. The college is proud to have exceptionally qualified faculty in all departments. The huge number of companion animal patients presented to the hospitals and the well-equipped labs offer excellent opportunities to impart advanced training on canine and feline reproduction, obstetrics and gynaecology to the field veterinarians.

Eligibility: B.V.Sc.& AH.

Duration: 2 year.

The course will be offered as Post Graduate Diploma in Small Animal Theriogenology with the permission of an option to exit and entry. The candidate will be offered PG Certificate in Small Animal Theriogenology on successful completion of the course requirements by one year

Contact class: 12 days for PG Diploma & 6 days for PG certificate.

Mode: TESOLEP.

No. of seats: 40 seats per batch.

Tuition fee for the course: Rs.25000/- Per year [Refer fee structure given in last page of the prospectus].

Mode of selection: Open selection.

Department offering the programme:

Department of Animal Reproduction, Gynaecology & Obstetrics, CVAS, Mannuthy.

Total number of courses: 18

Total credits: 80 Credits for PG Diploma & 40 Credits for PG Certificate.

Contact:

Dr. Hiron M. Harshan
Course Director,
hiron@kvasu.ac.in
+91 9495661032 (WhatsApp number)

Abstract of the courses- 1st Year

| Sl No | Course | Title of the course | Credits |
|-------|--------|--|-----------|
| 1 | COG 1 | Reproductive physiology of the Canine & Feline Oestrous Cycle: Breeding Management | 2 + 0 = 2 |
| 2 | COG 2 | Care of the pregnant bitch/ queen, Parturition management | 2+ 0 = 2 |
| 3 | COG 3 | Practical use of hormones in small animal reproduction; Safety of drugs in pregnancy | 2 + 0 = 2 |
| 4 | COG 4 | Dystocia- Caesarean Section-Anesthesia in canine/feline Reproduction | 2 + 0 = 2 |
| 5 | COG 5 | Disorders of the canine and feline reproductive system | 2 + 0 = 2 |
| 6 | COG6 | Cystic endometrial hyperplasia - pyometra complex | 1 + 0 = 1 |

| | | | |
|---|--------|---|-----------|
| 7 | COG 7 | Ultrasonography in Canine & Feline Obstetrics & Gynaecology | 2+ 0 = 2 |
| 8 | COG 8 | Application of Doppler Ultrasonography in Canine & Feline Obstetrics & Gynaecology | 2+ 0 = 2 |
| 9 | COG 9 | Clinical training | 0+5=5 |
| 10 | COG 10 | Semen collection & evaluation; Artificial Insemination in Canines | 1 + 0 = 1 |
| 11 | COG 11 | Contraception in canines; Prevention and Termination of | 2 + 0 = 2 |
| 12 | COG 12 | Canine Pregnancy: Animal Birth Control Programmes Surgical conditions of the vulva, vestibule, vagina, uterus and ovary and Tumours of the canine and feline reproductive System | 2 + 0 = 2 |
| 13 | COG 13 | Small Animal Neonatology | 2 + 0 = 2 |
| 14 | COG 14 | Disorders of the mammary gland | 1 + 0 = 1 |
| 15 | COG 15 | Canine Prostatic Disorders | 1 + 0 = 1 |
| 16 | COG 16 | Infertility in the bitch and queen | 4+ 0 = 4 |
| 17 | COG 17 | Infertility in the dog and tom cat | 2+ 0 = 2 |
| 18 | COG 18 | Clinical training | 0 + 5 = 5 |
| Abstract of the courses- 2nd Year | | | |
| RESEARCH/DISSERTATION | | | |
| Total Credit | | | |
| 0+40=40 | | | |
| 80+0=80 | | | |

PG DIPLOMA IN FOOD SAFETY AND QUALITY ASSURANCE

The changing global patterns of food production, international trade and consumer protection has created a need for food safety and quality assurance in the food sector. The course assumes added significance in the light of the fact that the Food Safety and Standards Act, 2006 has been implemented in India and there is a dearth of food safety officers across the country for its effective implementation. The course will equip the students, personnel already working in the food industry and food safety officers to handle various issues arising out of the implementation of the Act. Moreover, the knowledge of food safety is essential at any food delivery point especially in an event of food poisoning, for implementing appropriate measures. The course will also help young entrepreneurs venturing into the food sector as it will enhance their skills in the area of food safety, quality assurance and hygiene. The syllabus of the course covers food microbiology, food chemistry, laws and regulations pertaining to the food sector, waste management and quality management systems. Job opportunities in Food industry, Food service sector, Food safety officers, Entrepreneurs, Food quality control laboratories

Eligibility: Any Science Graduates.

Duration: 2 Year.

The course will be offered as Post Graduate Diploma in Food Safety & Quality Assurance with the permission of an option to exit and entry. The candidate will be offered PG Certificate in Food Safety & Quality Assurance on successful completion of the course requirements by one year.

Contact Class: 12 days for PG Diploma & 6 days for PG certificate.

Mode: TESOLEP.

No. of seats: 100.

Tuition Fee: Rs. 20,000/- per Year [Refer fee structure given in last page of the prospectus].

Mode of selection: Open selection.

School offering the Programme: School of Zoonoses, Public Health and Pathobiology, KVASU.

Total number of courses: 8

Total number of credits: 80 Credits for PG Diploma & 40 Credits for PG Certificate.

Contact:

Dr. K. VrindaMenon
Email: vrinda@kvasu.ac.in
Ph: 9497655590

Abstract of the courses- 1st Year

| Sl No | Title of the Course | Course code | Total credits |
|--|---|-------------|---------------|
| 1 | Food Microbiology | FSQ-1 | 5+0=5 |
| 2 | Food Safety and Hygiene | FSQ-2 | 5+0=5 |
| 3 | Food Chemistry | FSQ-3 | 5+0=5 |
| 4 | Food borne infections and intoxication | FSQ-4 | 5+0=5 |
| 5 | Chemical residues in foods | FSQ-5 | 5+0=5 |
| 6 | Food Safety Standards, Laws and Regulations | FSQ-6 | 5+0=5 |
| 7 | Waste Management in Food Industry | FSQ-7 | 5+0=5 |
| 8 | Food safety and quality management systems | FSQ-8 | 5+0=5 |
| Abstract of the courses- 1st Year | | | |
| RESEARCH/DISSERTATION | | | 0+40=40 |
| Total Credit | | | 80+0=80 |

PG DIPLOMA IN RECENT ADVANCEMENT IN THERAPEUTIC AND PROPHYLACTIC MANAGEMENT OF INFECTIOUS DISEASES OF LIVESTOCK

Infectious diseases of livestock are a major threat to animal health and welfare and their effective control is crucial for agronomic health, for safeguarding national and international food security and alleviating rural poverty in developing countries. The humid tropical climate of our country particularly state like Kerala favours existence and multiplication of different types of pathogens and their vectors. Kerala has more than 80 per cent cross bred cattle which are very much susceptible to trans boundary diseases, highly economically important diseases like mastitis and especially to tick and tick borne diseases. The treatment of mastitis is a great challenge faced by Veterinarians, as most of the antibiotic show high resistance for pathogens causing mastitis. Antimicrobial resistance is an increasingly serious threat to global public health which necessitates timely diagnosis and judicious use of antibiotics for treatment of such diseases. Haemoprotzoal and haemorickettsial diseases like trypanosomosis, babesiosis, theileriosis, anaplasmosis and ehrlichiosis cause huge economic loss in the form of death or reduction in milk production due to anemia and emaciation. Some pathogens affecting pigs have accelerated in recent years for e.g. Porcine circo virus, PRRS, leptospirosis, swine erysipelas etc. highlighting the emerging or increasing threat of these pathogens to swine health. These situations warrant prompt diagnosis and therapeutic management of such diseases, which most of the Veterinary practitioners are still unfamiliar with. There is an increasing demand from field Veterinarians to have advanced courses on this aspect of clinical practice.

College of Veterinary and Animal Sciences, Pookode is a premier veterinary institution which is situated in Wayanad district which is considered as milk bowl of Kerala, having high livestock population and also large number of pig population.

The Department of Veterinary epidemiology and Preventive Medicine, CVAS, Pookode is regularly testing the samples send by field Veterinarians from different parts of Wayanad district. As this department research is mainly focus on mastitis and haemoprotzoan diseases and has well equipped lab which offers excellent opportunities to impart advanced training on treatment and prophylaxis of infectious diseases to the field veterinarians.

Eligibility: B.V.Sc.& AH.

Duration: 2 Year.

The course will be offered as Post Graduate Diploma in Recent Advancement in Therapeutic and Prophylactic Management of Infectious Diseases of Livestock with the permission of an option to exit and entry. The candidate will be offered PG Certificate in Recent Advancement in Therapeutic and Prophylactic Management of Infectious Diseases of Livestock on successful completion of the course requirements by one year

Contact Class: 12 days for PG Diploma & 6 days for PG certificate.

Mode: TESOLEP.

No.of seats: 50 seats per batch

Tuition fee for the course:

Rs.20000/- [Refer feestructure given in last page of the prospectus].

Mode of selection: Open selection.

Department offering the programme:
Department of Veterinary Epidemiology and Preventive Medicine in College of Veterinary and Animal Sciences, Pookode.

Total number of courses: 14

Total credits: 80 Credits for PG Diploma& 40 Credits for PG Certificate.

Contact:

Dr.Deepa PM,
deepapm@kvasu.in
9496400982

| Abstract of the courses- 1st Year | | | |
|---|-----------------------|--|----------------|
| Sl No | Course | Title of the course | Credits |
| 1 | DPM 1 | General principles of health management | 1 + 0 = 1 |
| 2 | DPM 2 | Current concepts in viral diseases of livestock | 4 + 0 = 4 |
| 3 | DPM 3 | Current concepts in bacterial and rickettsial diseases of livestock | 3 + 0 = 3 |
| 4 | DPM 4 | Herd health management of livestock | 2 + 0 = 2 |
| 5 | DPM 5 | Principles antibiotic therapy& antimicrobial resistance | 3 + 0 = 3 |
| 6 | DPM 6 | Principles and practice of vaccination | 2 + 0 = 2 |
| 7 | DPM 7 | Epidemiological investigation of disease outbreak | 2 + 0 = 2 |
| 8 | DPM 8 | Current concepts in fungal diseases of livestock | 3 + 0 = 3 |
| 9 | DPM 9 | Current concepts in parasitic diseases of livestock | 4 + 0 = 4 |
| 10 | DPM 10 | Current concepts in zoonotic and emerging diseases of Livestock | 3 + 0 = 3 |
| 11 | DPM 11 | Haematological and biochemical investigations and interpretation of results | 3 + 0 = 3 |
| 12 | DPM 12 | Principles of fluid therapy | 2 + 0 = 2 |
| 13 | DPM 13 | Blood transfusion | 2 + 0 = 2 |
| 14 | DPM 14 | Contact class – Diagnostic technique, therapeutic and prophylactic management. | 0 + 6 = 6 |
| Abstract of the courses- 2nd Year | | | |
| 15 | RESEARCH/DISSERTATION | | 0+40=40 |
| | Total Credit | | 80+0=80 |

PG DIPLOMA IN ETHNOPHARMACOLOGY

The PG Diploma programme in Ethnopharmacology is aimed at studying the importance of ethnopharmacology giving emphasis on medicinal plants, their classification, source, phytochemistry, uses, researches undertaken etc. This course will create a better awareness among the participants on conservation of medicinal plants and their use in day to day life. Researchers, faculty of various institutions, veterinarians, practitioners of various medical disciplines will benefit from this course in widening their understanding of this traditional yet largely side lined science with immense potential for day to day application and research.

Eligibility: B.V.Sc.&A.H., B.A.M.S.,B.Pharm and B.Sc. Botany.

Duration: Minimum Two years for PG Diploma and One year for PG Certificate.

The course will be offered as Post Graduate Diploma in Ethnopharmacology with the permission of an option to exit and entry. The candidate will be offered PG Certificate in Ethnopharmacology on successful completion of the course requirements by one year.

Degree/Diploma/certificate awarded: Post Graduate Certificate/Diploma.

Total number of contact classes: 12 days for PG diploma 6 days for PG Certificate.

Mode: TESOLEP.

Total number of seats- 100.

Tuition fee: Rs. 20,000/- (Rupees twenty thousand

Only [Refer fee structure given in last page of the prospectus]

Mode of selection: Open selection.

Department/School offering the programme: Department of Veterinary Pharmacology and Toxicology,CVAS,Mannuthy.

Total no of Courses: 10

Total Credit: : 80 Credits for PG Diploma& 40 Credits for PG Certificate

Contact:

Dr.Preethy John

e-mail: preethy@kvasu.ac.in

Ph: 9446031275

I year and II year Course abstract

| Course no: | Title of course | Credits |
|---|---|----------------|
| EP 001 | Introduction to Ethnopharmacology | 3+0=3 |
| EP 002 | Pharmacognosy | 5+0=5 |
| EP 003 | Plant taxonomy | 5+0=5 |
| EP 004 | Phytochemistry | 5+0=5 |
| EP 005 | Ayurvedic Principles in Ethnopharmacology | 5+0=5 |
| EP 006 | Local Health Traditions in Kerala | 5+0=5 |
| EP 007 | Biodiversity and conservation of Medicinal Plants | 3+0=3 |
| EP 008 | Ethnopharmacology and IPR issues | 5+0=5 |
| EP 009 | Phytochemical analysis | 4+0=4 |
| EP 010 -RESEARCH/DISSERTATION (PG DIPLOMA) | | 0+40=40 |

POST GRADUATE DIPLOMA IN APPLIED ANIMAL WELFARE ETHICS AND LAW

Welfare of animals is of great importance to both humans and animals not only on ethical basis but also as it affect the quality of animal life and animal products. A balanced practical approach on the subject is the need of the hour. Animals and birds are often subjected to cruelty by humans at various stages of production and situations of human animal interaction. Domesticated animal, captive and even the wild animal suffering concern us. There are scientific studies which point to the fact that deviation in the animal comfort and welfare can result in emergence of zoonotic diseases. Such situations if allowed to persist has the potential to wipe out the animal life on earth.

Animal welfare is the subject of rapidly increasing interest in most countries and this interest is resulting in changes in the ways in which animal users keep and treat animals. Welfare study includes the understanding of all coping systems, various behavioural and physiological responses of animals and birds towards the environment in which they live including health and the extent of positive and negative feelings. Ethical decisions about animal welfare generally involve different approaches and in an Indian context we need to specify our approach based on sound scientific research, specifying actions that should be taken.

Behaviour is central to understanding animal welfare, a tool to understand animal's state and its inability to perform certain behaviour can cause poor welfare.

Through the study of Animal Welfare Science learner gets an objective scientific clarity needed for implementing it in a large social context. This PG diploma offered by Kerala Veterinary and Animal Sciences University is primarily in the online mode focusing on the application aspect.

Apart from basic and fundamental welfare science, the course offers essential materials and explanation on various laws, regulations and management tools related to animal farming, pet breeding and marketing, poultry production, transport of animals and wildlife conservation in the Indian context. Hence you will learn here how to apply the principles of animal welfare science, in the real world of farming, pet care, animal research, veterinary care and wildlife protection.

Eligibility: Graduation in any Life Science.

Duration: 2 year.

The course will be offered as Post Graduate Diploma in Applied Animal Welfare Ethics and Law with the permission of an option to exit and entry. The candidate will be offered PG Certificate in Applied Animal Welfare Ethics and Law on successful completion of the course requirements by one year.

Mode-TESOLEP.

Contact Class: 12 days for PG Diploma & 6 days for PG Certificate.

No. of seats: 50 seats per batch.

Tuition fee for the course:

Rs. 12,000/- per year*.

[Refer fee structure given in last page of the prospectus]

Mode of selection: Open selection.

Department offering the programme: Department of Livestock Production Management, College of Veterinary and Animal Sciences, Mannuthy.

Total no of Course: 6

Total credits: 80 Credits for PG Diploma & 40 Credits for PG Certificate.

Contact:

Dr. A. Prasad, Associate Professor
prasad@kvasu.ac.in
 9947303911

Abstract of the courses- 1st Year

| Sl No | Course | Title of the course | Credits |
|-------|--------|---|---------|
| 1 | AWEL-1 | Introduction To Animal Welfare & Ethics | 20+0=20 |
| 2 | AWEL-2 | Application of Ethics In Animal Welfare | 20+0=20 |

Abstract of the courses- 2nd Year

| Sl No | Course | Title of the course | Credits |
|-------|--------|--|---------|
| 1 | AWEL-3 | Animal Welfare Laws and Institutional Mechanism | 10+0=10 |
| 2 | AWEL-4 | Application of animal welfare during direct handling of animals | 5+0=5 |
| 3 | AWEL-5 | Application of Animal Welfare Principles in Various Industry Practices | 5+0=5 |
| 4 | AWEL-6 | Research/Dissertation/Project | 0+20=20 |

| PG DIPLOMA PROGRAMME IN DAIRY ENTREPRENEURSHIP | | | | | | | |
|--|--|--|--|--|--|--|--|
| Justification: Dairy entrepreneurial talent is inevitable for getting assured income and employment from dairy industry. This course is intended to develop dairy entrepreneurial talent in the youth. It will enable the learner to get acquainted with the basic technical knowledge in dairy farming, market awareness and economics of dairy rearing which will help them to work efficiently in commercial dairy farms or emerge as successful dairy entrepreneurs. Moreover this additional specialization in dairy entrepreneurship will help them to acquire better jobs within the country and abroad. | | Eligibility- : Graduation in any Life Science. | | | | | |
| Duration-Two Year. | | The course will be offered as Post Graduate Diploma in Dairy Entrepreneurship with the permission of an option to exit and entry. The candidate will be offered PG Certificate in Dairy Entrepreneurship on successful completion of the course requirements by one year. | | | | | |
| Contact Class: 12 days for PG Diploma & 6 days for PG Certificate. | | | | | | | |
| Department/School offering the programme: Directorate of Entrepreneurship, KVASU. | | | | | | | |
| Mode- TESOLEP No. of seats : Flexible Tuition Fee: Rs. 12,000/-* per year [Refer fee structure given in last page of the prospectus]. Mode of selection : open selection. Total number of courses -12 Total number of credits -80 Credits for PG Diploma& 40 Credits for PG Certificate. Mode of evaluation- As per KVASU rules examinations, assignments and Project work. Contact: Dr. A Prasad Associate Professor e-mail: dlearn@kvasu.ac.in | | | | | | | |

| Abstract of the courses- 1 st Year | | | | |
|---|--------------------------------|-------------|----------------|---------------|
| SI No | Title of the Course | Course code | Major/elective | Total credits |
| 1 | History of dairying in India | PGDDE-1 | Major | 7+0=7 |
| 2 | Dairy nutrition | PGDDE-2 | Major | 7+0=7 |
| 3 | Breeding management | PGDDE-3 | Major | 7+0=7 |
| 4 | Buffalo production | PGDDE-4 | Elective/minor | 7+0=7 |
| 5 | Economics of dairy farming | PGDDE-5 | Elective/minor | 7+0=7 |
| 6 | Organic farming | PGDDE-6 | Elective/minor | 5+0=5 |
| Abstract of the courses- 2 nd Year | | | | |
| SI No | Title of the Course | Course code | Major/elective | Total credits |
| 1 | Disease control and management | PGDDE-7 | Major | 4+0=4 |
| 2 | Value addition | PGDDE-8 | Major | 4+0=4 |
| 3 | Dairy entrepreneurship | PGDDE-9 | Major | 4+0=4 |
| 4 | Feed technology | PGDDE-10 | Elective/minor | 4+0=4 |
| 5 | Milk production | PGDDE-11 | Elective/minor | 4+0=4 |
| 6 | Research/Dissertation/Project | PGDDE-12 | Major | 0+20=20 |

PG DIPLOMA IN ONE HEALTH

The 80-credit hour **Postgraduate Diploma in One Health** is designed for professionals and students from the fields of human health, Veterinary sciences, and Environmental health. This program offers comprehensive, in-depth training in the principles and practice of One Health through a flexible modular format —ideal for busy professionals seeking a world-class qualification while balancing their personal and professional commitments.

The course covers a broad spectrum of interconnected subjects essential to the One Health approach. It includes foundational concepts of One Health, public health administration, and leadership, along with applied topics such as zoonoses, food safety, environmental health, and infectious diseases. Students gain skills in epidemiology, health economics, and research methodology, enabling them to analyze and address complex health challenges at the human-animal-environment interface through evidence-based and interdisciplinary strategies.

In the second year, a **project work/dissertation** offers students hands-on experience and practical exposure to real-world applications of the One Health approach

Eligibility: Graduation in any Biological Science from a recognized university.

Duration-Two Year.

The course will be offered as **Post Graduate Diploma in One Health** with the permission of an option to exit and entry. The candidate will be offered PG Certificate in One Health on successful completion of the course requirements by one year.

Contact Class: 12 days for PG Diploma & 6 days for PG Certificate.

Mode: TESOLEP.

Total No. of seats: Approx. 50 (Flexible).

Tuition fee: Rs. 25,000 [Refer fee structure given in last page of the prospectus].

Mode of Selection: Open Selection.

Dept./ School Offering the programme: COHEART, KVASU.

Total Courses:10

Total Credit: 80 Credits for PG Diploma & 40 credits for PG Certificate.

Mode of evaluation: Examinations, assignments, projects/ dissertation.

Contact: Dr. Prejit

Email: coheart@kvasu.ac.in

Mobile: 9497679630

| COURSE NO. | TITLE OF THE COURSE | CREDITS |
|----------------------------|--|----------|
| 1st Year | | |
| OH 001 | CONCEPTS OF ONE HEALTH | 3+0= 3 |
| OH 002 | ONE HEALTH PRACTICE AND PUBLIC HEALTH ADMINISTRATION | 4+0= 4 |
| OH 003 | ZOONOSES AND HEALTH ECONOMICS | 4+0= 4 |
| OH 004 | GLOBAL HEALTH AND FOOD SAFETY | 5+0= 5 |
| OH 005 | ENVIRONMENTAL HEALTH SCIENCE | 5+0= 5 |
| OH 006 | FUNDAMENTALS OF INFECTIOUS DISEASES | 5+0= 5 |
| OH 007 | ONE HEALTH LEADERSHIP AND MANAGEMENT | 5+0= 5 |
| OH 008 | EPIDEMIOLOGICAL PRINCIPLES IN ONE HEALTH FRAMEWORK | 5+0= 5 |
| OH 009 | RESEARCH METHODOLOGY FOR ONE HEALTH APPROACH | 4+0= 4 |
| 2nd Year | | |
| OH 010 | PROJECT WORK/ DISSERTATION | 0+40= 40 |

POST GRADUATE DIPLOMA IN LABORATORY ANIMAL SCIENCES

Animal research has a vital role in many scientific advances which help us in understanding the biology and genetics of various diseases. Many research questions can only be answered through detailed study of the whole living system. While some specific research questions may be adequately addressed using cell cultures, tissue studies or computer models, animal research continues to be critical for the advancement of human health. Adjuncts to animal research, frequently termed "alternatives" can complement research using whole animals but cannot replace the need for whole animals in biomedical research.

For a technically sound animal experimentation, proper care and humane treatment of animals used in research and testing is required. Scientific and professional judgment, which is based on the knowledge of the husbandry needs of each species and the special requirements of research, testing and education programmes are the prerequisites to achieve the goal. This programme aims at providing knowledge to the researchers on proper care and management of animals used for research and testing so that a technically competent animal experimentation is carried out to obtain reliable data which could be translated to human research.

Eligibility : BVSc &AH, MBBS, BAMS, BDS, B. Tech (Dairy Technology/Food Technology), M.Pharm, MSc Zoology and any Masters in Life Science with Zoology as subsidiary subject at graduation level.

Duration-Two Year.

The course will be offered as Post Graduate Diploma in Laboratory Animal Sciences with the permission of an option to exit and entry. The candidate will be offered PG Certificate in Laboratory Animal Sciences on successful completion of the course requirements by one year.

Contact Class: 12 days for PG Diploma & 6 days for PG Certificate.

Mode : TESOLEP.

No. of seats : flexible- Anticipating 100/year. If sufficient number of applicants are not received, the admission of those taken during the call will be deferred to next admission.

Tuition Fee: Rs. 25,000/- per annum [Refer fee structure given in last page of the prospectus].

Mode of selection : open selection.

Department/ School/centre offering the programme: Directorate of Entrepreneurship.

Total number of courses -9

Total number of credits- 80 Credits for PG Diploma& 40 Credits for PG Certificate

Contact:

Dr. Bibu John Kariyil
Email:
bibujohn@kvasu.ac.in
Ph: 9895297842

Abstract of the courses

| Sl No | Title of the Course | Course code | Major/elective | Total credits |
|-------|--|-------------|----------------|---------------|
| 1 | Laboratory animal welfare and experimentation ethics | DLS 001 | Major | 5+0=5 |
| 2 | Feeding of laboratory animals | DLS 002 | Major | 5+0*=5 |
| 3 | Breeding and genetics of laboratory animals | DLS 003 | Major | 5+0=5 |
| 4 | Production &management of laboratory animals | DLS 004 | Major | 5+0*=5 |
| 5 | Fundamentals of animal experimentation and alternate animal models | DLS 005 | Major | 6+0*=6 |
| 6 | Healthcare of laboratory | DLS 006 | Major | 3+0=3 |

| Animals | | | | |
|---|---|-------------|----------------|----------------|
| 7 | Management of pain in laboratory animals | DLS 007 | Major | 6+0=6 |
| 8 | Occupational hazards and safety associated with laboratory animals | DLS 008 | Major | 5+0*=5 |
| Total | | | | 40+0=40 |
| <p>*Demonstrations for DLS 002, DLS 004, DLS 005 and DLS 008 will be held during the contact Classes</p> <p>II YEAR</p> | | | | |
| Sl No | Title of the Course | Course code | Major/elective | Total credits |
| 1 | PROGRAMMES ASSOCIATED WITH ANIMAL HOUSE FACILITIES like internship, residency etc /TRAINING PROGRAMME(S) RELATED TO LABORAOTORY ANIMALS equivalent to 40 credits/ PROJECT WORK/DISSERTATION | DLS 009 | Major | 0+40=40 |
| Total | | | | 0+40=40 |

PG DIPLOMA IN PET FEED MANUFACTURING TECHNIQUES

The pet food manufacturing industry is a multibillion-dollar industry and is growing at a rate of 13.5 % annually. Usually, commercial pet food can be classified as dry feed, semi moist feed and moist food. Homemade food are also made and fed to pets. The nutrient requirement of pets is unique and a well-balanced food has to be given to the pets for their wellbeing. Species and breed specific requirements are also there which make the formulation of diet for pets trickier.

The formulation and manufacturing technique is usually considered as a trade secret and it is difficult to get a training on pet feed manufacturing. At the same time a knowledge of pet feed manufacturing is a big entrepreneurial opportunity. Department of Animal Nutrition Kerala Veterinary and Animal Sciences University has developed a complete dry dog feed and has the facility to commercially produce dog feed. All machineries including twin feed extruder is available at the feed mill. Hence there the students will get best opportunity on the pet feed manufacturing technology.

Eligibility: Any graduates.

Duration: Two Year.

The course will be offered as Post Graduate Diploma in Pet Feed Manufacturing Techniques with the permission of an option to exit and entry. The candidate will be offered PG Certificate in Pet Feed Manufacturing Techniques on successful completion of the course requirements by one year.

Contact Class: 12 days for PG Diploma & 6 days for PG Certificate.

Mode : TESOLEP

No. of seats : flexible.

Tuition Fee: Rs. 25,000/- [Refer fee structure given in last page of the prospectus].

Mode of selection : open selection.

Department/ School/ center offering the programme: Department of Animal Nutrition, College of Veterinary and Animal Sciences, Mannuthy.

Total number of courses -11

Total number of credits- 80 Credits for PG Diploma & 40 Credits for PG Certificate.

Contact:

Dr.Ajith.K.S.

e-mail: ajithks@kvasu.ac.in

Mob: 9447203151

Abstract of the courses

| Sl No | Title of the course | Course code | Total Credits |
|-------|--|----------------------|---------------|
| 1 | Pet food industry – current scenario, prospects and Constraints | PGPFMT-1 | 4+0=4 |
| 2 | Feeding management of pet animals, fish, pet birds and exotic animals | | 6+0=6 |
| 3 | Feed ingredients of fish pet birds and exotic animals, processing, quality control and storage | PGPFMT-2 PGPFMT-3 | 6+0=6 |
| 4 | Pet food factory layout, design and management | PGPFMT-4 | 6+0=6 |
| 5 | Laws and regulations in pet food manufacturing Industry. | PGPFMT-5 | 4+0=4 |

| 6 | Project report on pet food usage | PGPFMT-6 | 0+14=14 |
|----------------|---|-------------|---------------|
| II YEAR | | | |
| Sl No | Title of the course | Course code | Total Credits |
| 1 | Feed mill machineries - Structure and mode of Operation | PGPFMT-7 | 6+0=6 |
| 2 | Manufacturing processes in pet food production | PGPFMT-8 | 6+0=6 |
| 3 | Quality control of pet food | PGPFMT-9 | 6+0=6 |
| 4 | Packaging, labeling and Marketing | PGPFMT-10 | 6+0=6 |
| 5 | Project report on product development | PGPFMT-11 | 0+16=16 |

PG DIPLOMA IN SMALL ANIMAL DERMATOLOGY

Veterinary dermatology has emerged as one of the most dynamic and rapidly advancing branches of veterinary medicine, gaining increasing relevance in contemporary clinical practice—particularly in companion animal care. With the growing awareness and concern among pet parents regarding the health, appearance, and overall well-being of their pets, dermatological disorders have come to occupy a major share of small animal clinical consultations. Skin diseases not only affect the beauty and comfort of pets but can also have significant implications for their general health and even zoonotic importance in certain cases.

Recognising this growing demand, the University is pleased to introduce a Post Graduate Certificate/Diploma Course in Small Animal Dermatology, aimed at equipping veterinary graduates with comprehensive, hands-on training in the diagnosis and management of dermatological conditions in pet animals. The course has been designed to enhance clinical proficiency by emphasising practical exposure to dermatological diagnostic techniques, including skin scrapings, cytology, biopsy interpretation, and allergy testing, along with therapeutic decision-making skills.

This specialised training programme will enable practitioners to confidently address the diverse dermatological challenges encountered in day-to-day veterinary practice, thereby contributing to improved animal welfare and client satisfaction.

Eligibility: BVSC &AH.

Duration-Two Year.

The course will be offered as Post Graduate Diploma in Small Animal Dermatology with the permission of an option to exit and entry. The candidate will be offered PG Certificate in Small Animal Dermatology on successful completion of the course requirements by one year.

Contact Class: 12 days for PG Diploma & 6 days for PG Certificate.

Mode : TESOLEP

No. of seats : 20.

Tuition Fee: Rs. 20,000/- per year [Refer fee structure given in last page of the prospectus].

Mode of selection: open selection.

Department/ School/ center offering the programme: Department of Veterinary Clinical Medicine, Ethics and Jurisprudence

Total number of courses -20

Total number of credits- 80 Credits for PG Diploma& 40 Credits for PG Certificate.

Contact:

Dr. Ambily V. R.

E-mail: ambily.vr@kvasu.ac.in

(Enquiries via mail are appreciated)

Abstract of the courses

| Sl No | Title of the course | Course code | Total Credits |
|-------|---|-------------|---------------|
| 1 | Anatomy and Physiology of integumentary system in animals | DVD 1 | 3+0 = 3 |
| 2 | Pharmacology of drugs acting on integumentary system | DVD 2 | 3+0 = 3 |
| 3 | Dermatological consultation and client relationship/management | DVD 3 | 1+0 = 1 |
| 4 | General and dermatologic examination in diagnosis of skin disorders | DVD 4 | 1+0 = 1 |

| | | | |
|----|---|--------|------------|
| 5 | Parasitic Dermatoses | DVD 5 | 2+0 = 2 |
| 6 | Allergic Dermatoses | DVD 6 | 3+0 = 3 |
| 7 | Immune-mediated and Autoimmune Dermatoses | DVD 7 | 3+0 = 3 |
| 8 | Endocrine, Metabolic, Nutritional and Congenital Dermatoses: Non-Inflammatory Alopecia | DVD 8 | 3+0 = 3 |
| 9 | Clinical training | DDC 1 | Non Credit |
| 10 | Credit Seminar | DDD 1 | 1+0=1 |
| 11 | Cutaneous Dysbiosis or Microbiome Disorders: Bacteria and Fungi | DVD 9 | 3+0=3 |
| 12 | Keratinization Disorders and Psychogenic Dermatoses | DVD 10 | 3+0=3 |
| 13 | Imaging modalities in grading cutaneous neoplasms/mammary tumors. Basics of chemotherapy in cutaneous neoplasms | DVD 11 | 3+0=3 |
| 14 | External Ear, Eyelids, Nails, Anal Area, Nasal Bridge and Nose Conditions | DVD 12 | 3+0=3 |
| 15 | Exotic Animal Dermatology | DVD 13 | 2+0=2 |
| 16 | Current advances in veterinary dermatology. | DVD 14 | 2+0=2 |
| 17 | Cutaneous Neoplasms and Para neoplasms /Dermatopathology in disease diagnosis | DVD 15 | 4+0=4 |
| 18 | Clinical training | DDC 2 | Non Credit |
| 19 | Assignment | DDD 2 | Non Credit |

II YEAR

| SI No | Title of the course | Course code | Total Credits |
|-------|--------------------------------|-------------|---------------|
| 1 | Dissertation/ Project/Research | | 40+0=40 |

CERTIFICATE COURSE IN VETERINARY FORENSIC MEDICINE

Forensic medicine is a growing area of interest in veterinary profession and requires a different set of skills from routine diagnosis and treatment. Veterinary Forensic Medicine requires in particular, a combination of in depth investigation, strict adherence to protocols and standard procedure and a degree of lateral thinking. As there is increase in the number of criminal cases involving animals, the veterinarians should be equipped with the basic knowledge in veterinary forensic medicine. Currently, none of the Veterinary Universities in India are offering Veterinary Forensic Medicine courses. So as a preliminary step to the veterinary forensic medicine, a certificate course on Veterinary Forensic Medicine is proposed. This course will introduce the student to the application of Veterinary Medicine knowledge for the purpose of law. Course topics will focus on the interpretations of injury patterns, cause, manner and mechanism of death. Upon completion of this course, the student will have basic knowledge on the pathological documentation required for crimes involving animals, including recognition of abuse, crime scene investigation, and interaction with the legal community. The knowledge will also be useful in the context of activities such as insurance claims, appearances at tribunals, inquiries, environmental impact assessments and defending or propounding allegations of professional misconduct or other disciplinary measures. The course will be useful for veterinarians working in Animal Husbandry Department, Forest Department, Police Department and Zoos.

Eligibility: B.V.Sc & A.H. degree.

Duration: Six months (6 days contact classes).

Mode : TESOLEP.

No. of seats: 100

Medium of Instruction: English.

Tuition Fee: Rs. 20,000/- [Refer fee structure given in last page of the prospectus].

Other fees: As per the University Guidelines.

Mode of selection: open selection.

Department/School/centre offering the programme: Department of Veterinary

Clinical Medicine, Ethics and Jurisprudence, CVAS, Pookode.

Total number of courses -6

Total number of credits- 20

Contact:

Dr. Umesh C G, Asst.

Professore-mail:

umesh@kvasu.ac.in Mob:

9562179563

Abstract of the courses

| Sl No | Title of the Course | Course code | Total credits |
|-------|---|-------------|---------------|
| 1 | Introduction to Veterinary Forensic Medicine, ethics and Jurisprudence | VFM 01 | 3+0=3 |
| 2 | Veterolegal examination of living animals and laboratory tests | VFM 02 | 3+0=3 |
| 3 | Veterolegal examination of dead animals, forensic pathology and forensic entomology | VFM 03 | 3+0=3 |
| 4 | Forensic ballistics, physical and chemical insults | VFM 04 | 3+1=4 |
| 5 | Veterinary forensic medicine and molecular techniques | VFM 05 | 3+0=3 |
| 6 | Case studies in veterinary forensic medicine | VFM 06 | 3+1=4 |

CERTIFICATE COURSE IN ANIMAL FORENSICS

Increasing mindfulness towards animal cruelty and significant links between acts of cruelty to animals and violence toward humans raised Veterinary forensics as a rapidly emerging, distinct branch of veterinary medicine. It deals with the application of knowledge and methodology of various disciplines of forensic science and demands their collective and collaborative approach to improve the investigative process and to strengthen the forensic evidence. Although veterinarians have long assisted law enforcement system in handling vetero legal cases, a police personal with useful information about veterinary forensics may augment the efficiency of investigations. Veterinary forensic education remains unexplored and unavailable among Veterinary Universities in our country. So designing a course for assisting the police force in application of animal forensic knowledge for the purpose of law enforcement is noteworthy in the current scenario with ever increasing concerns over animal welfare, wild life crimes and animal borne human hazards. This course enable the students to perform proper approach, documentation and search of the crime scene, collection and packaging of evidences, interpretation of veterolegal lesions like wounds, understanding of the laws of animal welfare with penalties. This course also helps to tackle animal-related litigations successfully which encompass a range of cases, involving neglect, non- accidental injury, theft, illegal killing, violation of wildlife laws, transport violations and allegations in veterinary insurance claims.

Eligibility: Graduation in any Life Science Courses.

Duration: Six months (contact classes for 5 days).

Mode : TESOLEP

No. of seats : 100

Tuition Fee: Rs. 15,000/-per. (Not inclusive of boarding, lodging and transportation) [Refer fee structure given in last page of the prospectus]

Mode of selection : open selection

Department/ School/ centre offering the programme:

Department of Veterinary Clinical Medicine, Ethics and Jurisprudence, CVAS, Pookode.

Total number of courses -5

Total number of credits- 15

Contact:

Dr. Umesh C G, Asst.

Professor-mail:

umesh@kvasu.ac.in Mob:

9562179563

Abstract of the courses

| Sl No | Title of the course | Course code | Total Credits |
|-------|--|-------------|---------------|
| 1 | Fundamentals of Animal Forensics | CAF 01 | 3+0=3 |
| 2 | Animal welfare and wild animal laws | CAF 02 | 3+0=3 |
| 3 | Crime scene and evidences | CAF 03 | 3+0=3 |
| 4 | Forensic ballistics, physical and chemical insults | CAF 04 | 3+0=3 |
| 5 | Case studies | CAF 05 | 3+0=3 |

CERTIFICATE IN ENTREPRENEURSHIP ON PET GROOMING HEALTH AND WELFARE.

The India Pet grooming market grew with a market value of INR is over 5250 core by the year 2023 and the market is further expected to grow with a compounded annual growth rate (CAGR) of more than 30%. The pet healthcare market is expected to curb a market share of more than 2% in India.

The pet grooming market encompasses a wide range of services and products aimed at maintaining the hygiene, appearance, and overall well-being of pets. This market includes services such as bathing, hair trimming, nail clipping, ear cleaning, and more specialized treatments like dental care and spa services for pets. Additionally, it involves the sale of grooming products like shampoos, conditioners, brushes, clippers, and other grooming tools. Increasing pet ownership, especially in urban areas, is a significant driver of the pet grooming market. The trend of treating pets as family members has led to higher spending on pet care, including grooming. Welfare of animals is of great importance to both humans and animals not only on ethical basis but as it affects the quality of animal life as well as human life. Growing awareness about pet health and hygiene among pet owners is boosting the demand for grooming services and products.

In this context, there is a need for scientific approach in providing wellness sevices to pets. A practical knowledge of technique of grooming, use of wellness products based on their skin condition all need to be addressed. The health of the animal is reflected in the skin of animal and it is an aversion and concern for the pet owners to have a unhealthy skin for their furry friends. There is also a prominent need to advice the pet owners regarding the wide variety of pet food available in the market and what it would be scientifically fit for their pet. Hence a certificate course offered by Kerala Veterinary and Animal Sciences University catering to the need of pets is proposed which is unique, encompassing the basic anatomy of the skin, health, nutrition, behaviour, social adaptation, pet psychology and communication, basic grooming aspects, grooming tools, different cuts. Beyond.

skilling activity this course will also help to build entrepreneurship and equip themselves to cater the needs.

KVASU has infrastructure and human resource with above aspects and the trained groomer will be assigned for the imparting technique. KVASU also has a spa developed for incubation under TBIC and infrastructure related to the functioning of spa is present. Laboratories and course teachers in related disciplines will be mobilised for imparting theory classes.

Abstract of the courses

| Sl No | Title of the course | Course code | Total Credits |
|-------|---|-------------|---------------|
| 1 | Introduction to canine and feline anatomy | EPGR-1 | 1+1=2 |

Eligibility: Graduate in any Life Science. Diploma in veterinary Nursing/any other diploma from KVASU, VHSE with an aptitude for pet handling or any other candidates with minimum HSE with aptitude in pet handling.

Duration: 6 month
The course will be 2 months' duration offline and 4 months will be attached to reputed grooming centers with minimum 4 years of experience in the industry.

Mode : TESOLEP

No. of seats : flexible.

If sufficient number of applicants are not received, the admission of those taken during the call will be deferred to next admission.

Tuition Fee: Rs. 90,000/-per. [Refer fee structure given in last page of the prospectus].

Mode of selection : open selection.

Department/ School/ centre offering the programme: Department of Animal Nutrition.

Total number of courses -11

Total number of credits- 35

Contact:

Dr. Deepa Ananth.
e-mail: deepa@kvasu.ac.in
Mob: 9562775354

| | | | |
|----|--|---------|-------|
| 2 | Pet breeds and coat type | EPGR-2 | 2+1=3 |
| 3 | Canine And Feline Nutrition & Assessment of Commercial Pet food in Market | EPGR-3 | 2+1=3 |
| 4 | Introduction to grooming tools | EPGR-4 | 0+3=3 |
| 5 | Canine behaviour and management | EPGR-5 | 2+0=2 |
| 6 | Feline behaviour and management | EPGR-6 | 2+0=2 |
| 7 | First aid and basic lab examination of skin | EPGR-7 | 2+1=3 |
| 8 | Bathing and drying techniques in pets | EPGR-8 | 0+4=4 |
| 9 | Combing,brushing and dematting skills in canine and felines | EPGR-9 | 0+4=4 |
| 10 | Deshedding and anti tick treatment in pets | EPGR-10 | 0+6=6 |
| 11 | Introduction to different styling in different Breeds &entrepreneurship building | EPGR-11 | 1+2=3 |

HOW TO APPLY FOR TECHNOLOGY ENABLED SKILL ORIENTED LEARNING AND EDUCATIONAL PROGRAMMES (TESOLEP) COURSES OF KVASU

All candidates, seeking admission need to apply online through the University website www.kvasu.ac.in **on or before 28.03.2026 5 PM**. Candidate must follow the instructions given in this prospectus carefully.

Important things to be remembered by the candidates before filling the online application:

- The students are advised to apply for each course separately and keep their login credentials for each course. **Fill the online application carefully as further editing option is not available and note down the system generated Application Number.**
- While filling the online application candidates have to upload his/her passport size colour photograph (150WX200H pixels), Aadhaar file (file type –PDF), Basic education qualification certificate (file type – PDF) and scanned image of your signature put on a good quality white paper with black/blue ink (image type - JPEG).
- While registration candidates should select their date of birth from the calendar available, otherwise it will not be recorded correctly. Candidate must ensure that the e-mail address and Mobile number (both should kept active till the end of application process) provided in the Online application form are their own or parents only. Since all the information/ communication will be sent through e-mail on registered e-mail address, you should check your e-mails and University website regularly till the completion of admission process. **All the students should check the University Website regularly for updates about admission.**
- If you are found eligible for the course of your choice an email will be send to you with in a week of registration. The link provided in the email can be used to remit the first year fees including admission fee, degree certificate fee, transcript fee and tuition fee of your concerned courses.
- The students have to register and remit their fees through <https://forms.easebuzz.in/register/DIRECTORP6qHq/RegistrationForm2026> to the - “DIRECTOR OF ENTREPRENEURSHIP TESOLEP”
- Remit the fee after registration using the system generated an application number, username and password send to their registered mobile number. Before the submission of the online application form, since the details of fee remittance have to be entered. Candidates belonging to **General Category** should remit **Rs.1020/-** as the application fee (Rs.1000/-) and bank processing charges (Rs.20/-) those belonging to **SC/ST** (Native of Kerala origin) should remit **Rs. 520/-**. **After remitting application fee, candidate should take the print out of the fee receipt.**

All candidates are requested to send the completely filled online application form along with the copy of the online fee receipt available from the fees collect portal (Easebuzz) and the copy of certificates to prove the educational qualifications to dde@kvasu.ac.in with subject entitled **“Application to the Technology Enabled Skill Oriented Learning and Educational Programmes”**.

HOW TO APPLY

| SI No | Name of the Programme with contact Class | Prospectus | Status |
|-------|--|------------|--------------------------------------|
| 1 | Certificate Course in Animal Forensics | CCAF-DDE | <input type="button" value="Apply"/> |
| 2 | Post Graduate Certificate Course in Veterinary Forensic Medicine | PGCCV-DDE | <input type="button" value="Apply"/> |
| 3 | Post Graduate Certificate in Community Based Disaster Management | PGCCB-DDE | <input type="button" value="Apply"/> |
| 4 | Post Graduate Certificate in Veterinary Homoeopathy | PGCVH-DDE | <input type="button" value="Apply"/> |
| 5 | Post Graduate Certificate in One Health Surveillance | PGCOH-DDE | <input type="button" value="Apply"/> |
| 6 | Post Graduate Diploma in Recent Advancement in Therapeutic and Prophylactic Management of Infectious Diseases of Livestock | PGDRA-DDE | <input type="button" value="Apply"/> |
| 7 | PG Diploma in Small Animal Theriogenology | PGDSA-DDE | <input type="button" value="Apply"/> |
| 8 | Post Graduate Diploma in Therapeutic Management of Infectious Diseases of Pet Animals and Pet Birds | PGDTM-DDE | <input type="button" value="Apply"/> |
| 9 | Post Graduate Diploma in Food Safety and Quality Assurance | PGDF-DDE | <input type="button" value="Apply"/> |
| 10 | Post Graduate Diploma in Toxicologic Pathology | PGDT-DDE | <input type="button" value="Apply"/> |

TESOLEP Registration

Name of candidate in full record as per SSLC/matriculation certificate *

Date of Birth *

Gender *

Place of Birth *

Name of Father *

Recent passport-size photograph *

Signature image *

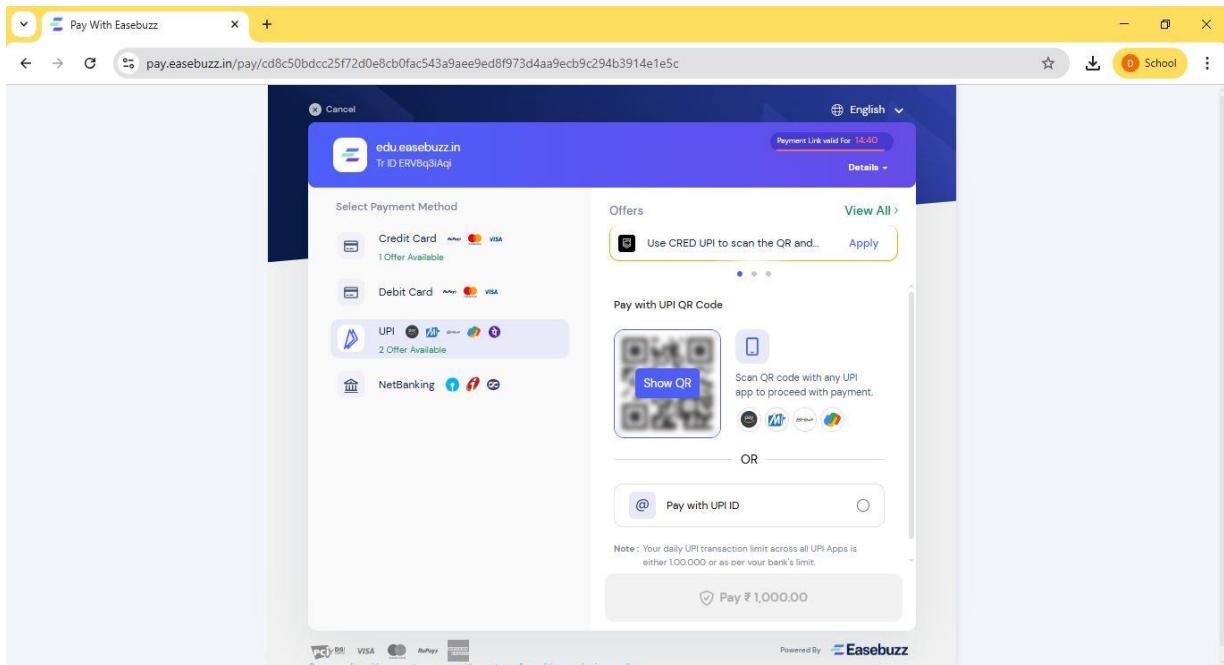
Qualification certificates (10th and Degree) – PDF/JPEG formats *

By clicking, I consent that I have read, understood and agree to Easebuzz Privacy Policy.

Register & Pay ₹1000.00

Support Details
9446052800 dde@kvasu.ac.in

Powered By



PENALTY FOR FALSE INFORMATION

Any candidate who is found to have willfully or otherwise given any particulars which are false or has suppressed material information or does not satisfy the requisite qualification for admission shall be disqualified. They shall not be allowed to continue on the rolls of the University, if it is detected at any stage of his/her studentship in the University.

SELECTION

Open selection, based on the academic performance of the candidate.

ADMISSION

The list of candidates selected for admission and the fees to be remitted will be published at the KVASU website www.kvasu.ac.in and available for reference at the University Headquarters, Pookode, Wayanad, Kerala – 673 576 or with the course directors concerned.

Candidates selected will be admitted to the course, provided they have to remit the prescribed fees in full on the due dates fixed, and produce all the relevant original certificates. **A special fees of Rs. 2100/- will have to be paid in addition to the respective tuition fees at the time of admission, being admission fees and fees for certificates/ mark list.**

If the selected candidates fails to pay the specified fees and join the course in time, their claims for admission will be cancelled without notice and the seat thus becoming vacant will be filled up with eligible candidates, if any, in the rank/waitlist.

The list of candidates selected for admission and the dates on which they have to report to join the course will be published at the KVASU website www.kvasu.ac.in and available for reference at the University Headquarters, Pookode, Wayanad, Kerala – 673 576 or with the course directors concerned.

Candidates aspiring admission may contact the respective course Directors for more information.

Selected candidates who come for contact classes shall find their own accommodation facilities.

IMPORTANT STATUTORY WARNING:

1. The application form in any other mode will not be accepted .The university will not responsible for the defects occurred in your application.
2. Incomplete applications and the application not enclosed with requisite documents will be summarily rejected. No correspondence will be entertained in this regard.
3. If you had faced any problem in making payment, contact with your bank before making another payment. University will not be responsible for the duplicate payments.
4. The prospectus is subject to further modification/ addition as may be considered necessary by the University and will be issued as executive orders/ notifications and the students are liable to obey the rules and regulations so amended or modified.

Sd/-
Director of Entrepreneurship

Fee Structure for the Academic Year 2024-25

| | COURSE | Admission Fee | TuitionFee | Degree Certificate Fee | Transcript | Total | |
|----|---|---------------|------------|------------------------|------------|-------|--------------|
| 1 | Post Diploma in Small Animal Theriogenology. | Year I | 300 | 25000 | 1500 | 300 | 27100 |
| | | Year II | | 25000 | | | 25000 |
| 2 | Post Diploma in Toxicologic Pathology | Year I | 300 | 25000 | 1500 | 300 | 27100 |
| | | Year II | | 25000 | | | 25000 |
| 3 | Post Graduate Diploma in Recent Advancement in Therapeutic and Prophylactic Management of Infectious Diseases of Livestock. | Year I | 300 | 20000 | 1500 | 300 | 22100 |
| | | Year II | | 20000 | | | 20000 |
| 4 | PG Diploma in Pet Feed Manufacturing Techniques | Year I | 300 | 25000 | 1500 | 300 | 27100 |
| | | Year II | | 25000 | | | 25000 |
| 5 | PG Diploma in Laboratory Animal Sciences | Year I | 300 | 25000 | 1500 | 300 | 27100 |
| | | Year II | | 25000 | | | 25000 |
| 6 | Post Graduate Diploma in Applied Animal Welfare Ethics and Law. | Year I | 300 | 12000 | 1500 | 300 | 14100 |
| | | Year II | | 12000 | | | 12000 |
| 7 | Post Graduate Diploma in Dairy Entrepreneurship. | Year I | 300 | 12000 | 1500 | 300 | 14100 |
| | | Year II | | 12000 | | | 12000 |
| 8 | Post Graduate Diploma in One Health | Year I | 300 | 25000 | 1500 | 300 | 27100 |
| | | Year II | | 25000 | | | 25000 |
| 9 | Post Graduate Diploma in Food Safety and Quality Assurance | Year I | 300 | 20000 | 1500 | 300 | 22100 |
| | | Year II | | 20000 | | | 20000 |
| 10 | Post Graduate Diploma in Small Animal Dermatology | Year I | 300 | 20000 | 1500 | 300 | 22100 |
| | | | | 20000 | | | 20000 |
| 11 | Post Graduate Certificate Course in Farm Journalism | Year | 300 | 8000 | 1500 | 300 | 10100 |
| 12 | Post Graduate Certificate in Poultry Entrepreneurship. | Year | 300 | 12000 | 1500 | 300 | 14100 |
| 13 | PG Certificate in Ethno pharmacology. | Year | 300 | 20000 | 1500 | 300 | 22100 |
| 14 | PG Certificate in Climate Smart Livestock and Poultry Production | Year | 300 | 9000 | 1500 | 300 | 11100 |
| 15 | Post Graduate Certificate in Veterinary homeopathy | Year | 300 | 20000 | 1500 | 300 | 22100 |
| 16 | Post Graduate Certificate in Therapeutic Management of Infectious Diseases of Pet Animals and Pet Birds | Year | 300 | 35000 | 1500 | 300 | 37100 |
| 17 | Certificate Course in Animal Forensics | Year | 300 | 15000 | 1500 | 300 | 17100 |
| 18 | Certificate in Entrepreneurship on Pet Grooming Health and Welfare. | Year | 300 | 90000 | 1500 | 300 | 92100 |
| 19 | Certificate Course in Veterinary Forensic Medicine | Year | 300 | 20000 | 1500 | 300 | 22100 |

The tuition fee (US dollars) for the foreign students from the SAARC countries has been fixed as 2 times the existing University tuition fee and for those from other countries 4 times the existing University tuition fee.

NB:

FOR MOOC COURSES

- * There will be continuous evaluation through quizzes and assignments.*
- * The Original Certificate will be issued directly by the university which has same validity of other distance learning courses.*