

# Kerala Veterinary and Animal Sciences University, Pookode



## PROSPECTUS 2023-24

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



# **Kerala Veterinary and Animal Sciences University**

## **PROSPECTUS FOR TECHNOLOGY ENABLED SKILL ORIENTED LEARNING EDUCATIONAL PROGRAMMES**

**ACADEMIC SESSION 2023-24**

Published by:

**DIRECTORATE OF ENTREPRENEURSHIP**  
KERALA VETERINARY AND ANIMAL SCIENCES UNIVERSITY  
POOKODE, LAKKIDI P.O., WAYANAD - 673 576  
Email: [dde@kvasu.ac.in](mailto:dde@kvasu.ac.in), [www.kvasu.ac.in](http://www.kvasu.ac.in), [dlearn@kvasu.ac.in](mailto:dlearn@kvasu.ac.in)

**INDEX**

<b>Contents</b>	<b>Page No.</b>
<b>PG CERTIFICATE PROGRAMMES</b>	
1. Post Graduate Certificate in Climate Smart Livestock and Poultry Production	2
2. Post Graduate Certificate in Veterinary Homoeopathy	3
3. Post Graduate Certificate in Therapeutic Management of Infectious Diseases of Pet Animals and Pet Birds	4
4. Post Graduate Certificate in Course in Farm Journalism (MOOC)	6
5. Post Graduate Certificate in Poultry Entrepreneurship (MOOC)	7
<b>PG DIPLOMA PROGRAMMES</b>	
1. Post Graduate Diploma in Toxicologic Pathology	9
2. Post Graduate Diploma in Small Animal Theriogenology	11
3. Post Graduate Diploma in Food Safety and Quality Assurance	13
4. Post Graduate Diploma in Recent Advancement in Therapeutic and Prophylactic Management of Infectious Diseases of Livestock	14
5. Post Graduate Diploma in Ethnopharmacology	16
6. Post Graduate Diploma in Applied Animal Welfare Ethics & Law	17
7. Post Graduate Diploma in Dairy Entrepreneurship	19
8. Post Graduate Diploma in One Health	20
9. Post Graduate Diploma in Laboratory Animal Sciences	21
10. Post Graduate Diploma in Pet Feed Manufacturing Techniques	23
<b>CERTIFICATE PROGRAMMES</b>	
1. Certificate in Veterinary Forensic Medicine	25
2. Certificate in Animal Forensics	26
3. Certificate in Entrepreneurship on Pet Grooming Health and Welfare.	27
<b>HOW TO APPLY</b>	29
<b>PENALTY FOR FALSE INFORMATION</b>	34
<b>SELECTION</b>	34
<b>ADMISSION</b>	34
<b>STAUTORY WARNING</b>	35
<b>FEE STRUCTURE</b>	36

## 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](mailto: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: pgevvh@kvasu.ac.in

Ph: 9895297842

**Abstract of the courses**

SI 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	CVH-5	Major	8+0=8
	* Demonstration of preparations of various types of homoeopathic medicines			

## 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 :**100

**Tuition Fee:** Rs. 35,000/- [Refer fee 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- 1<sup>st</sup> 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	Haemoprotozoan 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	DPM-11	2+0=2
12	Principles and practice of antibiotic Therapy in pet animals and birds	DPM-12	2+0=2
13	Haematological and biochemical investigations and interpretation of results	DPM-13	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](mailto: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



## PG 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 end examinations, assignments and Project work.

**Contact:**

Dr. Stella Cyriac

e-mail: [dlearn@kvasu.ac.in](mailto:dlearn@kvasu.ac.in)

[Mob:9447827637](tel:9447827637)

**Abstract of the courses**

Sl 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 Value addition of poultry products	PGCPE-13	Elective / Major	3+0=3
14		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) are acting proactively by providing educational and training courses 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 :** 100

**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](mailto:prasanna@kvasu.ac.in)

Ph:9495014780

### Abstract of the courses- 1<sup>st</sup>Year

SI 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 urogenital including male & female systems)	TP-112	6+0=6

3	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	TP-117	0+12=12
<b>II YEAR</b>			
8	<b>Dissertation on contemporary topics in toxicologic pathology</b>		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 unravelled many aspects of reproductive biology of canines and felines. Tremendous changes in the management of fertility, gynaecological 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. Shibu Simon, Course Director,

[shibu@kvasu.ac.in](mailto:shibu@kvasu.ac.in)

+91 9447006499 (WhatsApp number)

### Abstract of the courses- 1<sup>st</sup> 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 Canine Pregnancy: Animal Birth Control Programmes	2+0=2
12	COG 12	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
		<b>Abstract of the courses- 2<sup>nd</sup> Year</b>	
		<b>RESEARCH/DISSERTATION</b>	0+40=40
		Total Credit	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. Vrinda Menon

Email: [vrinda@kvasu.ac.in](mailto: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
<b>Abstract of the courses- II Year</b>			
<b>RESEARCH/DISSERTATION</b>			0+40=40
<b>Total Credit</b>			<b>80+0=80</b>

## 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. Haemoprotozoal and haemoretic diseases like trypanosomiasis, 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 circovirus, 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 haemoprotozoan 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 fee structure 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](mailto:deepapm@kvasu.in)

9496400982



**Abstract of the courses- 1<sup>st</sup> 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
<b>Abstract of the courses- 2<sup>nd</sup> Year</b>			
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](mailto: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
<b>EP 010 -RESEARCH/DISSERTATION (PG DIPLOMA)</b>		<b>0+40=40</b>

**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](mailto:prasad@kvasu.ac.in)  
 9947303911

<b>Abstract of the courses- 1<sup>st</sup> Year</b>			
<b>Sl No</b>	<b>Course</b>	<b>Title of the course</b>	<b>Credits</b>
1	AWEL-1	Introduction To Animal Welfare & Ethics	20+0=20
2	AWEL-2	Application of Ethics In Animal Welfare	20+0=20
<b>Abstract of the courses- 2<sup>nd</sup> Year</b>			
<b>Sl No</b>	<b>Course</b>	<b>Title of the course</b>	<b>Credits</b>
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.

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

**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.

**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](mailto:dlearn@kvasu.ac.in)

9947303911

### Abstract of the courses- 1<sup>st</sup> Year

Sl 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<sup>nd</sup> Year

Sl 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 PG Diploma program is designed to provide One Health-veterinary and environmental health professionals and students. The programme provides in depth training on One Health in a modular flexible format, ideal for health related professionals who wish to achieve a world-class award while maintaining busy professional and personal commitments. The course essentially preaches to a growing choir of visionary physicians, veterinarians and other co-equal and professional organizations who recognize and advocate the need to obtain a synergistic collaborative “One Health” mainly for the control of diseases. This course provides an overview of strategies for promoting health for all in this planet.

Project work/dissertation in 2<sup>nd</sup> year enables students to have an exposure of One Health application.

For further details of the course please visit [www.coheart.ac.in](http://www.coheart.ac.in)

**Eligibility:** Graduation in Biological Science from a recognised 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.Jess Vergis

Email: [coheart@kvasu.ac.in](mailto:coheart@kvasu.ac.in)

Mobile: 9446355683

COURSE NO.	TITLE OF THE COURSE	CREDITS
<b>1<sup>st</sup> Year</b>		
OH 001	CONCEPTS OF ONE HEALTH	3+0= 3
OH 002	ONE HEALTH POLICY 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
<b>2<sup>nd</sup> Year</b>		
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 pre requisites 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.

**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****First Year**

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 Animals	DLS 006	Major	3+0=3

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
<b>Total</b>				<b>40+0=40</b>

**\*Demonstrations for DLS 002, DLS 004, DLS 005 and DLS 008 will be held during the contact Classes**

<b>Second Year</b>				<b>Total credits</b>
<b>Sl No</b>	<b>Title of the Course</b>	<b>Course code</b>	<b>Major/elective</b>	
1	PROGRAMMES ASSOCIATED WITH ANIMAL HOUSE FACILITIES like internship, residency etc /TRAINING PROGRAMME(S) RELATED TO LABORATORY ANIMALS equivalent to 40 credits/ PROJECT WORK/DISSERTATION	DLS 009	Major	0+40=40
<b>Total</b>				<b>0+40=40</b>



## PG DIPOMA 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.

**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](mailto:ajithks@kvasu.ac.in)

Mob: 9447203151

### Abstract of the courses

#### First Year

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
---	----------------------------------	----------	---------

**Second 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

## CERTIFICATE 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 contest 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. Professor

e-mail: [umesh@kvasu.ac.in](mailto: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 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.

Professore-mail:

[umesh@kvasu.ac.in](mailto: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 services 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
2	Pet breeds and coat type	EPGR-2	2+1=3
3	Canine And Feline Nutrition & Assessment	EPGR-3	2+1=3

**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.

**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](mailto:deepa@kvasu.ac.in)

Mob: 9562775354

	of Commercial Pet food in Market		
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 EDUCATIONAL PROGRAMMES (TESOLEP) COURSES OF KVASU

All candidates, seeking admission need to apply online through the University website [www.kvasu.ac.in](http://www.kvasu.ac.in) on or before **25.09.2024 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 (Max size: 30 kb, file type –PDF), Basic education qualification certificate (Max size: 30 kb, file type – PDF) and scanned image of your signature put on a good quality white paper with black/blue ink (Max size: 150WX100H pixels image type - JPEG). The size of photograph and signature shall not exceed 30 kb.
- 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 remit their application fee through State Bank Collect portal (<https://www.onlinesbi.sbi/sbicollect/icollecthome.htm?corpID=5123025>), to the Educational Institution Name “KVASU” - “DIRECTOR OF ENTREPRENEURSHIP C/O PUB DIV” [State of Institution: Kerala].
- Remit the fee after registration using the system generated application number and 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 SBI collect portal and the copy of certificates to prove the educational qualifications to [dde@kvasu.ac.in](mailto:dde@kvasu.ac.in) with subject entitled “**Application to the Technology enabled skill oriented educational learning Programmes**”.

**HOW TO APPLY**

↓  
[www.kvasu.ac.in](http://www.kvasu.ac.in)

↓  
 Entrepreneurship

↓  
 Technology Enabled Skill Oriented Learning Educational Programmes (TESOLEP)

↓  
 Select your Course

↓  
 Click Apply Tab

↓  
 Fill up the application form

↓  
 Submit application (another window for pay registration fee through SBI collect)

↓  
<https://www.onlinesbi.sbi/sbicollect/icollecthome.htm?corpID=5123025>

↓  
 Pay registration fee (selected candidate will be intimated through registered e-mail address)

↓  
 If selected remit fee of your concerned course

The screenshot shows the website interface for the Entrepreneurship section. The header includes the university name and 'DIRECTORATE OF DISTANCE EDUCATION'. Below the header is a table listing various post-graduate certificate and diploma programs, each with a prospectus link and an 'Apply' button.

SI No	Name of the Programme with contact Class	Prospectus	Status
1	Post Graduate Certificate in Veterinary homeopathy	PGCVH	<input type="button" value="Apply"/>
2	Post Graduate Certificate in Therapeutic Management of Infectious Diseases of Pet Animals and Pet Birds	PGCTMID	<input type="button" value="Apply"/>
3	Post Graduate Certificate Course in Farm Journalism	PGCFJ	<input type="button" value="Apply"/>
4	Post Graduate Certificate in Poultry Entrepreneurship.	PGCPE	<input type="button" value="Apply"/>
5	Post Graduate Certificate in Climate Smart Livestock and Poultry Production	PGCCSLPP	<input type="button" value="Apply"/>
6	Post Graduate Diploma in Ethnopharmacology.	PGDEP	<input type="button" value="Apply"/>
7	Post Graduate Diploma in Pet Feed Manufacturing Techniques	PGDPMT	<input type="button" value="Apply"/>
8	Post Graduate Diploma in Small Animal Theriogenology.	PGDSAT	<input type="button" value="Apply"/>
9	Post Graduate Diploma in Toxicology Pathology	PGDTP	<input type="button" value="Apply"/>



← → ↻ kvasu.tedsys.in/distance-education/application/14 Home

### KERALA VETERINARY AND ANIMAL SCIENCES DIRECTORATE OF DISTANCE EDUCATION

(All \* fields are mandatory)

**Program Name:**  
**POST GRADUATE CERTIFICATE COURSE IN FARM JOURNALISM**

**Your photograph in digital form with following specification \***  
 (Maximum Size : 30Kb, Image Dimension : 150W X 200H px, Image Type : JPG)

No file chosen

**Name \*:**

**Email address \*:**

**Mobile No \*:**

**Date of Birth \*:**

**Gender \*:**

**Place of Birth \*:**

**Mother Name \*:**

**Father Name \*:**

Windows taskbar: Type here to search, 33°C Haze, 12:11 03-12-2022

← → ↻ kvasu.tedsys.in/distance-education/application/14

**District (name) \*:**

**Domicile State or student \*:**

**Nationality \*:**

**Basic Education Qualification Certificate \*:** (Maximum Size : 30Kb, File Type : PDF)

No file chosen

#### Basic Qualifications \*

#	Course	College/School	Board/ University	Year of Passed	Marks (%)
1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

#### Additional Qualifications

#	Course	College/School	Board/ University	Year of Passed	Marks (%)
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Windows taskbar: Type here to search, 33°C Haze, 12:15 03-12-2022

Scanned image of your signature put on a good quality white paper with blue/black ink: ( Maximum Size : 30Kb, Image Dimension : 150W X 100H px, Image Type : JPG )

Choose File No file chosen

**Submit Application**

**SBI** State Bank Collect

Products & Services Know More

**STATE BANK COLLECT**  
A MULTI-MODAL PAYMENT PORTAL

**DISCLAIMER CLAUSE**

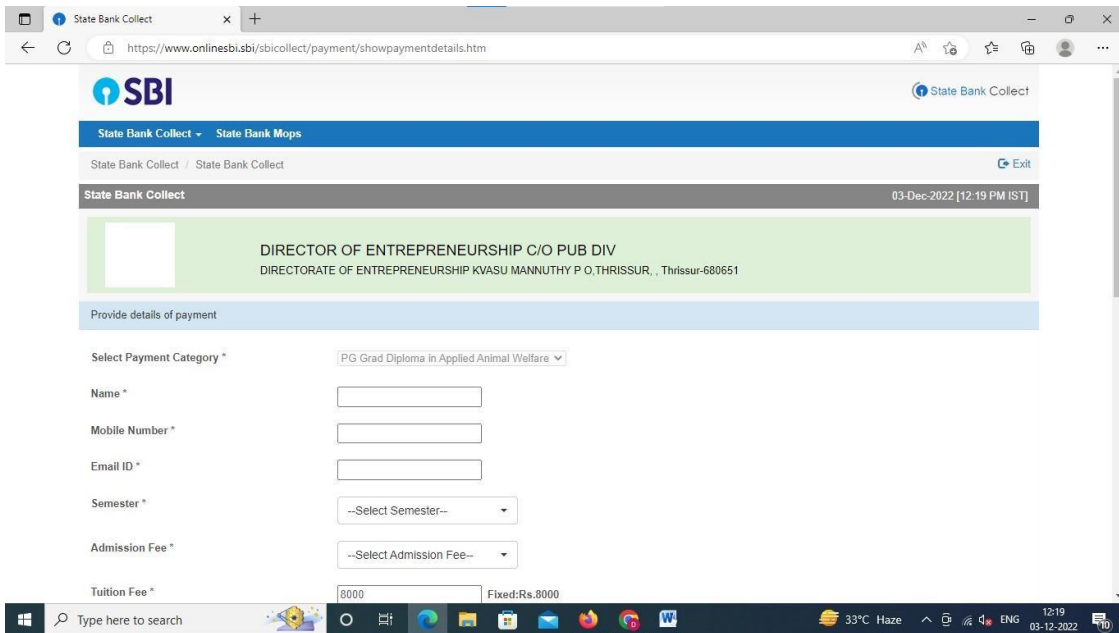
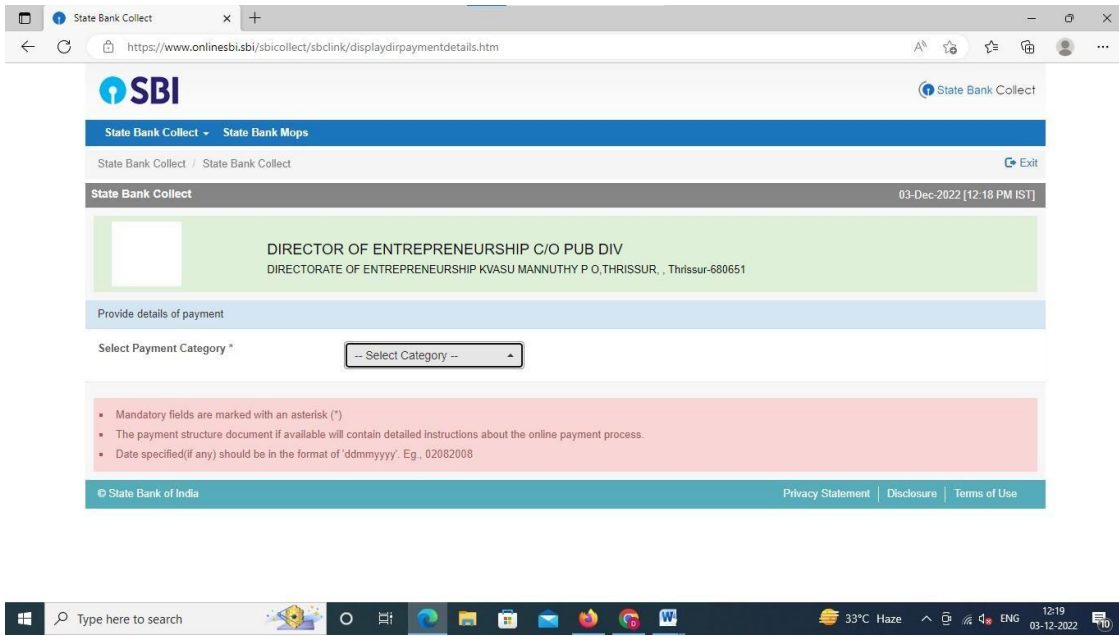
**Terms Used**

- > Corporate Customer: Firm/Company/Institution (F/C/I) collecting payment from their beneficiaries.
- > User: The beneficiary making a payment to F/C/I for the services/goods availed.
- > Bank shall not be responsible, in any way, for the quality or merchantability of any product/merchandise or any of the services related thereto, whatsoever, offered to the User by the Corporate Customer. Any disputes regarding the same or delivery of the Service or otherwise will be settled between Corporate Customer and the User and Bank shall not be a party to any such dispute. Any request for refund by the User on any grounds whatsoever should be taken up directly with the Corporate Customer and the Bank will not be concerned with such a request.
- > Bank takes no responsibility in respect of the services provided and User shall not be entitled to make any claim against the Bank for deficiency in the services provided by the Corporate Customer.
- > The User shall not publish, display, upload or transmit any information prohibited under Rule 3(2) of the Information Technology (Intermediaries guidelines) Rules, 2011.
- > In case of non-compliance of the terms and conditions of usage by the User, the Bank has the right to immediately terminate the access or usage rights of the User to the computer resource of the Bank and remove the non-compliant information.

I have read and accepted the terms and conditions stated above.  
(Click Check Box to proceed for payment.)

**Proceed**

© State Bank of India Privacy Statement Disclosure Terms of Use



## 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](http://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](http://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 2023-24**

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

**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 Technology Enabled Skill Oriented Educational Programmes.***

**WARNING:** Ragging is totally prohibited in the campus and all the students shall observe and abide by the rules & UGC regulations on curbing the menace of ragging in higher educational institutions 2009, under Section 26(1) (g) of the University Grant Commission Act 1956 dated 17.06.2009 published in the Gazette of India part-III, Section 4. Any student found guilty of ragging and/or abetting ragging, whether actively or passively or bearing a part of a conspiracy to promote ragging is liable to be punished in accordance with the foresaid regulations.

If any incident of ragging comes to the notice of authorities of the Kerala Veterinary and Animal Sciences University, the concerned students shall be given liberty to explain and if his/her explanation is not found satisfactory, the authority would expel him/her from the institute.