



Dr. G.C. Negi College of Veterinary and Animal Sciences



CSK Himachal Pradesh Agricultural University

Palampur, HP - 176 062, India

www.hillagric.ernet.in

BACKGROUND

The College of Veterinary and Animal Sciences (COVAS) was established in 1986 at Palampur as a model Veterinary College for hilly regions of the country. The College of Veterinary and Animal Sciences is unique within the state of Himachal Pradesh as the only College that is equipped for providing veterinary education. The College provides exceptional undergraduate and postgraduate instruction and conducts high-impact research in focused areas of veterinary and animal sciences. Innovation is integral to its mission of creating and disseminating knowledge for the sustainability and enhancement of animal and human health. The College of Veterinary and Animal Sciences is, therefore, guided by a commitment to excellence, and embraces the core values of CSKHPKV that include inquiry, knowledge application, leadership, character, stewardship, diversity and a safe and positive work and learning environment.

MISSION AND GOALS

The College of Veterinary and Animal Sciences envisages itself as a flagship program of this university for excelling in instructional, scholarly, creative, service and outreach missions. The mission and goals are:

1. Human Resource Development to produce qualified Veterinarians and postgraduates in different disciplines of animal health, production and products technology, besides updating the knowledge and skills of the field Veterinarians.
2. Enhancing animal production by genetic improvement of cattle, sheep and other livestock species from the health point of view, studies on fertility problems, development of viable and sustainable pastures/grasslands and technology for improving feeds and herbages for optimum nutrition, development of embryo transfer technology etc.
3. To provide animal health coverage to the livestock production of the State by giving specialized therapeutic service at the main campus, organizing animal health camps at the farmers' door steps and attending disease outbreaks in the field.
4. Strengthening animal products technology for meat, milk, fur, wool and hair etc.
5. Transfer of technology to the farmers and to render referral animal health and production services to the livestock of the state.

DEPARTMENTS/UNITS

With the development of teaching and research facilities and as per the recommendation of the Veterinary Council of India (VCI), the minimum standards of veterinary education (MSVE, 1993), the following 18 departments and 2 service units are there in the College :

Teaching Departments:

Veterinary Anatomy and Histology, Veterinary Physiology, Veterinary Biochemistry, Veterinary Pharmacology and Toxicology, Veterinary Parasitology, Veterinary Microbiology, Veterinary Pathology, Veterinary Public Health, Animal Nutrition, Animal Breeding and Genetics and Biostatistics, Livestock Production and Management, Animal Reproduction, Gynaecology and Obstetrics, Veterinary Surgery and Radiology, Clinical Veterinary Medicine and Jurisprudence, Livestock Product Technology, Veterinary Epidemiology and Preventive Medicine, Veterinary and Animal Husbandry Extension and Department of Fisheries



Service Units:

Teaching Veterinary Clinical Complex and Livestock Farm.

ACADEMIC PROGRAMMES

Following academic programmes are being offered by the College :

- Undergraduate (B.V.Sc. & A.H.) is a 5 year programme including 6 months compulsory internship. The admission to B.V.Sc. & A.H. is through entrance test. There are 35 seats including 5 self financed seats. College substantially attracts overseas students from countries like Nepal, Burma and Bhutan.
- Postgraduate (M.V.Sc.) is 2 Year programme with dissertation and is offered in 13 disciplines.
- Ph.D. is a 3 Year programme with dissertation and is offered in 6 disciplines.

STUDENTS' EXCELLENCE

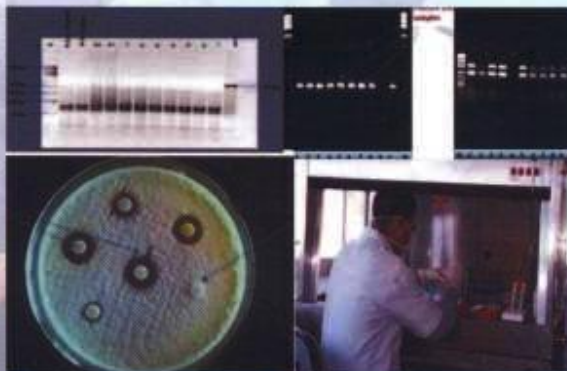
- So far, 452 students have attained B.V.Sc. and A.H. degree. Uptill now 100% employment is there. The graduates are serving in different states like Himachal Pradesh, J&K, Uttranchal, UP, Rajasthan, Nepal, Manipur, West Bengal, Tripura, Punjab, Delhi and Arunachal Pradesh
- Other placements include Central Institutions, RVC, BSF, SSB, Veterinary Immunological, Wildlife health programmes, Nationalized banks, Medical and Paramedical Institutions, Pharmaceuticals, livestock feed plants besides establishing their own polyclinic and other different positions in Pvt. Sector.
- The students of this institution have excelled in National Competitions for the award of Jr. Research Fellowships. 70% of national fellows based on All India ICAR JRF competition were placed in premier institutions of India for higher studies.
- The well skilled graduates of this College have performed exceptionally well overseas, too. Premier universities and research labs. of countries like U.K., U.S.A., Japan, New Zealand, Australia, Ireland etc. have offered fellowship to the graduates to pursue higher studies and research.



RESEARCH

The Institute has been engaged in need based research of the state. Many research projects, worth over Rs. 10.0 crore, have been completed or are in progress from reputed International and National agencies like NATP, USDA, NAIP-ICAR, DBT, DST and private pharmaceuticals etc. Following are the thrust areas where the strategic research is on progress :

- Information on economic traits of indigenous and cross bred Livestock
- Causes of the low fertility among livestock groups.
- Assessment of nutritional requirements of livestock, balanced feeding systems and measures for augmenting the nutritional status of native pastures and grasslands
- Mineral mapping of Himachal Pradesh has been started for strategic mineral supplementation with development of area specific mineral mixture for Kullu, Una, Sirmour and Kangra regions.



- PCR and PCR-RFLP based molecular diagnostic techniques for the detection of animal chlamydiosis have been developed for the first time in India.
- The Enteric Red Mouth Disease- ERM in trout caused by the *Yersenia ruckeri*, was identified for the first time in Asia.
- Some very important infectious animals' diseases like Anthrax, Tuberculosis (TB), Glanders, Brucellosis and Rabies which have public health consequence too, have been confirmed in the State.
- Common diseases of migratory stock for the establishment of the possible remedial measures.
- Efficacy of various medicinal plants available in this Himalayan region for their use in control of various animal diseases.
- The institute has pioneered in developing techniques of anesthesia in yaks and neonatal animals, management of intestinal obstruction in cattle which is an emerging surgical entity amongst livestock.
- Refinement of technology for culture and capture fishery, best suited to different areas of Himachal Pradesh and to establish comprehensive database not only on the fish genetic resources but also on their bacterial and mycotic diseases.



EXTENSION AND COMMUNITY SERVICES

The veterinary clinic of the college is a nodal tertiary referral hospital of the state for the treatment of obscure, obstinate and undiagnosed ailing animals and is an important service point of the institution for the farmers in particular. It is also a platform for imparting practical knowledge for U.G. and P.G. students

The Clinical complex has super specialized facilities viz., Endoscopy, laparoscopy, ultrasonography, radiography, ECG, EEG and blood chemistry and haematology analyzers.

The Clinic provides round the clock emergency services to the patients brought by farmers and pet owners from different parts of the state.

The disease investigation services are available promptly on call by the farmers/state Animal Husbandry department for various outbreaks in animals, poultry, wild animals and migratory sheep and goat wealth of state.

The consultancy and specialized ambulatory services are being provided to various agencies like State Animal Husbandry Department, Remount Veterinary core, Non-governmental Organizations, Farmers, NATP, DRDA, Indo German Changer Project and Watershed Development Projects etc.

Veterinary clinical camps are being organized in the different locations of the state including far flung tribal areas for maximum outreach of latest technology to farmers.

The faculty is actively involved in interacting and imparting advisement to farmers through print and electronic media.



For further information, please contact:

Dean

DGCN College of Veterinary and Animal Sciences

CSK Himachal Pradesh Krishi Vishvavidyalaya, Palampur- 176 062, H.P., India

Tel. : +91-1894-230327, 230381; E-mail : dcovas@hillagric.ernet.in

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