



NOHEP



Prospectus

2022-23

POST-GRADUATE DIPLOMA •

SHORT COURSE •

CERTIFICATE COURSE •

TRAINING COURSE •

College of Veterinary Science (Ludhiana)
Guru Angad Dev Veterinary and Animal Sciences University

Financial support from
National Agricultural Higher Education Project (NAHEP)
under Institutional Development Plan (IDP)
entitled “Improved Learning Outcome, Skill and Entrepreneurship
at GADVASU”

**COLLEGE OF VETERINARY SCIENCE (LUDHIANA)
GURU ANGAD DEV
VETERINARY AND ANIMAL SCIENCES UNIVERSITY
PUNJAB, INDIA**

Prospectus
2022-23



www.gadvasu.in

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JURISDICTION

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June 2022



Dr. Inderjeet Singh
Vice-Chancellor

Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana, is one of India's top-ranked veterinary universities involved in quality education, research, and extension programmes in veterinary, dairy, and fisheries sciences. It has always led from the front in these areas to enhance income generation for the farmers. The New education Policy 2020 of the Government of India is futuristic for a radical transformation of job seekers into job creators. It aspires self-employment activity through the facilitation of skill training. The execution of NEP will further fuel deep learning and illustrate the practical relevancy of the educational system.

I am happy to learn that the college of Veterinary Science (Ludhiana) has taken a lead in this direction and started several skill-based courses for enhancing the competencies of veterinarians or other stakeholders in animal husbandry. Post-graduate diploma courses, certificate courses, and short courses in highly specialized need-based areas have been meticulously designed. The post-graduate diploma courses will emphasize on developing practical skills and would help to equip the veterinarian in managing surgical, medical, and reproductive problems affecting these animals.

These courses through highly skilled faculty will definitely enhance the skill and competencies which will lead to entrepreneurship development. This will not only enhance the income of farmers but also create employment.

The financial help from the National Agricultural Higher Education Project (NHEP) and enthusing skill development programs in the form of the Institutional Development Plan (IDP) project is highly appreciated.

I wish all of the participants, as well as the teaching faculty, the best of luck in their skill development programme.

(Dr. Inderjeet Singh)
Vice Chancellor
GADVASU



Dr. Sarvpreet Singh Ghuman
Dean

The college of Veterinary Science, Ludhiana, is one of the premier institutes imparting knowledge and skills for a successful veterinarian, academician, scientist, entrepreneur and professional at various institutions (army, banks, etc.). The college has established itself as a role prototype of excellence for other veterinary colleges in India. It has always taken the lead in academic activities to match the present time and envisions the future as farsightedness.

The National Education Policy, 2020 aspires to create an entrepreneurship culture in the country by enabling students to get project-based learning, experiential learning, service-learning, and vocational training. Its central theme is “Become an entrepreneur and provide employment.” The policy aims to facilitate students’ exposure to various professional skills and aspires to provide solutions to society’s problems is a significant reform and will make students industry-ready. To keep pace with these recent changes in the education system, the college has designed several courses for skill development and improvement in various aspects of veterinary services at the grass-root level with efficiency. These courses for professional skills development are post-graduate diploma courses, certificate courses, and short courses. The post-graduate diploma courses aim to enhance competencies in large animal reproduction, small animal clinical practice, one health, bovine clinical practice, and equine clinical practice. The college offers certificate/ short courses in Diagnostic Imaging and Small Animal Anesthesia. Several short courses in priority areas have been carved to impart skill-based knowledge.

In today’s world, a practicing veterinarian must have an adequate understanding of the most recent breakthroughs in small animal surgery, medicine, and reproduction to meet international standards. As a result, clinical training in these domains has become increasingly important. The course is built around these concepts.

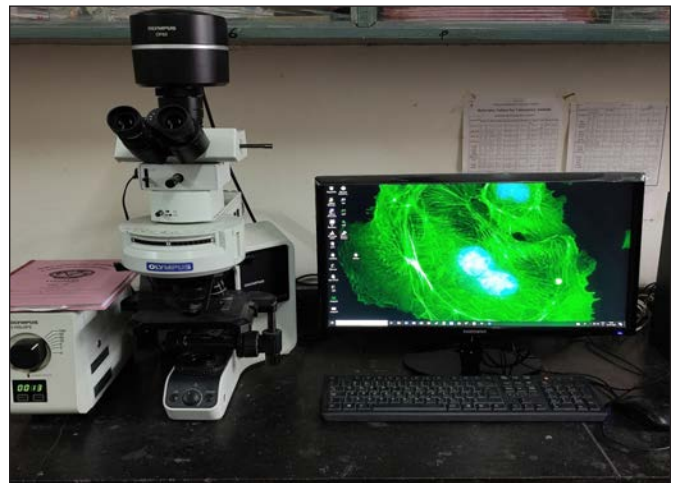
I hope that the courses will focus on the best future entrepreneurs in veterinary and animal husbandry to obtain the need-based skill and knowledge. Indeed, they will start their entrepreneurship start-ups, serve the farmers, and act as employers.

I wish all the best to the participating students and teaching faculty for fruitful learning.

(Dr. Sarvpreet Singh Ghuman)
Dean, CoVS (Ludhiana)
GADVASU

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Introduction to College

The college of Veterinary Science, Ludhiana, is one of the premier institutes imparting knowledge and skills in the field of veterinary science. The college is a daughter institution of Veterinary School established in 1862 at Poona with one year course, which was later upgraded as the first Veterinary College at Lahore in 1882. After the partition, part of the Lahore Veterinary College was shifted to Hisar in 1948. The College of Veterinary Science, Ludhiana was established in November 1969 on the re-organization of the Punjab State and the formation of a separate Haryana state at the main campus of Punjab Agricultural University. The College was shifted to the Guru Angad Dev Veterinary and Animal Sciences University (GADVASU) Ludhiana in 2005. The College is a centre of regional, national, and international excellence in research and learning in animal health and production. It caters to the needs of Punjab by carrying out teaching, research, and extension education programmes about livestock production and health problems and has been instrumental in ushering in an era of **‘White Revolution’** in the State. The primary goal of the college is to produce Veterinary graduates, scientists, and extension workers to promote better livestock health by preventing disease, and increasing the production and reproduction of livestock, thus improving the quality of rural life in Punjab.



The college has highly competent and experienced faculty members who have contributed significantly to research on animal health and production and won various national and international awards. The college has implemented minimum Standards for Veterinary Education Degree Course (B.V.Sc. & A.H.) Regulations, 1993 of Veterinary Council of India and an external examination system have been introduced for B.V.Sc. & A.H. 5-year program from the batch admitted in 1998 and onwards. The college is recognized by the Veterinary Council of India and obtained accreditation from the Indian Council of Agricultural Research in 2004.

From academic session 2016-17, the university has implemented the Veterinary Council of India-Minimum Standards of Veterinary Education - (Bachelor of Veterinary Science and Animal Husbandry - Degree Course) Regulations, 2016. All these college departments have excellent laboratory facilities, adequate infrastructure for undergraduate and postgraduate teaching and research, and a well-equipped

veterinary teaching hospital to cater to the demands of large and small animal health care. In addition, the college also has an elite dairy herd and poultry farm, which provides adequate facilities for teaching and research. This is the only veterinary college in India having three ICAR Centres of Advanced Studies in the Department of Veterinary Surgery & Radiology and Department of Veterinary Gynaecology and Obstetrics. The Department of Teaching Veterinary Clinical Complex and Livestock Production Management has experiential learning projects.

The programme led to the award of the B.V.Sc. & A.H. degree (A five-and-a-half-year programme) is designed to equip graduates with the knowledge and skills essential to a veterinary career. The programme is divided into three phases. The pre-clinical phase, undertaken in years one and two, provides education in basic sciences such as anatomy, physiology, biochemistry, and animal husbandry through intramural learning. The para-clinical phase, undertaken in years three and four, includes bridging subjects between the pre-clinical and clinical stages, such as Pathology, Microbiology, Parasitology, Pharmacology, and basic clinical science. The clinical phase (Surgery, Medicine, and Gynaecology) starts in year four and culminates in the fifth and final year. At the end of course work, the students undergo a compulsory rotating internship programme envisaging on-the-job training in animal production, technology, diagnostic laboratories, and hospital practice. The various departments of the College, aided by teaching veterinary hospitals ensure both currency and relevance in basic and applied biological sciences through clinical practice. The successful completion of B.V.Sc.& A.H. programme entitles the graduates to registration with the Punjab State Veterinary Council / Veterinary Council of India as registered veterinary practitioners.

To walk with the time, the college has started the post-graduate diploma, certificate courses, short courses, advanced training programmes for improving skills and competencies, and entrepreneurship development among the veterinarians.



CHAPTER I

INTRODUCTION

Post-Graduate Diplomas (PGD)/Certificate Courses (CC)/Short Courses (SC)/Advance Training Courses (ATC) for Veterinary Graduates

1. **Post-Graduate Diploma in Large Animal Reproduction:** Low reproductive efficiency continues to be a major problem in dairy herds. Inefficient reproductive performance results in excessively late age at first calving and long lactation. The dairy animals must reproduce efficiently to enhance their production level and to maintain a calving interval of 12-13 months. Knowledge of other recent technologies such as estrus and ovulation synchronization are required to optimize reproductive capability and to maintain short service period. In bovine obstetrics, dystocia is the most common problem followed by uterine prolapse. Dystocia, if not treated well in time, leads to the death of fetus/dam or both. For successful handling of dystocia, understanding of its etiology, diagnosis and prompt management, therefore becomes essential to reduce the economic losses. The fundamental aim of diploma in large animal reproduction is diagnosis and management of female infertility.

Participating Department: *Veterinary Gynaecology and Obstetrics*

2. **Post-Graduate Diploma in Small Animal Clinical Practice:** This diploma is aimed at clinical case evaluation through systematic clinical examination, differential diagnosis and developing a therapeutic plan. Learning common diagnostic procedures ECG, blood pressure, echocardiography and diagnostic sampling. Induction and maintenance anesthesia. Hands on training on common surgical procedures (castration, cystotomy, superficial tumors etc.) and orthopedic surgery. Training on diagnostic ultrasonography and radiographic interpretation as well as clinical evaluation / therapeutic management / hands on training on common medicinal, reproductive problems.

Participating Departments: *Veterinary Medicine, Veterinary Surgery and Radiology, Veterinary Gynaecology and Obstetrics*

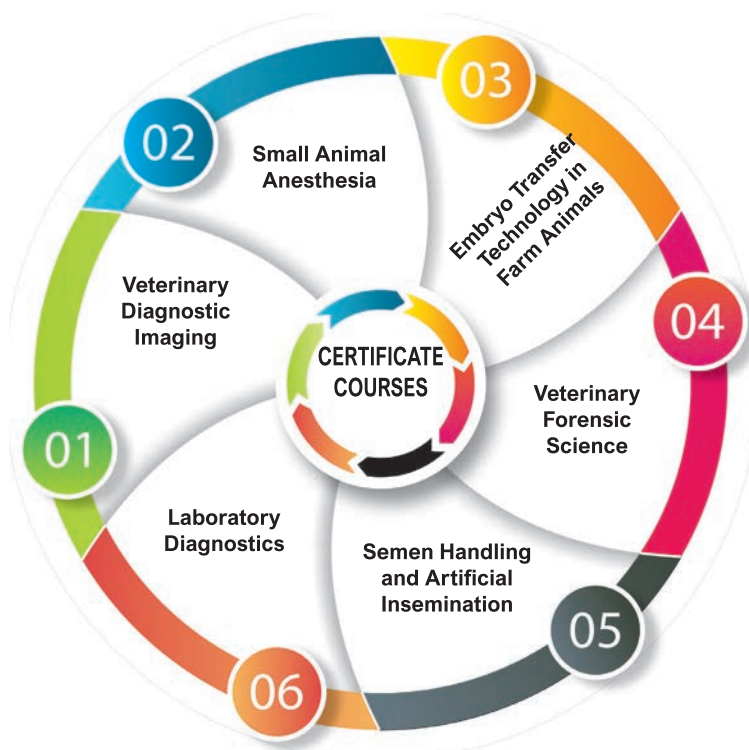


3. **Post-Graduate Diploma in Bovine Clinical Practice:** The number of commercial dairy farms and high producing dairy animals is increasing in the state. Moreover, there is a growing awareness among the farmers regarding prophylaxis and the treatment of their valuable animals. Dairy farmers are seeking precise diagnosis and rational treatment of their animals. So, the need of the hour is to improve the diagnostic competence of the field veterinary practitioners and fresh graduates. The best way is to train veterinarians as the species specialists. This course will develop proficiency among veterinarians in diagnosis and management of various medical, surgical, gynecological disorders in cattle and buffaloes.

Participating Departments: *Veterinary Medicine, Veterinary Surgery and Radiology, Veterinary Gynaecology and Obstetrics*

4. **Post-Graduate Diploma in Equine Clinical Practice:** Equines serve an important role in the army, police, racing, sports, and draft. As a result, equine breeding has gained momentum and has become a highly lucrative business in recent years. Equine disease diagnosis and management is a specialized field and most clinicians lack skills in the physical examination and diagnostic procedures. There is a need to develop the diagnostic competence of the equine practitioners and fresh graduates in this field. The best way is to train veterinarians as the equine species specialists. This course will develop proficiency among veterinarians in the diagnosis and management of various medical, surgical, gynecological disorders in equines.

Participating Departments: *Veterinary Medicine, Veterinary Surgery and Radiology, Veterinary Gynaecology and Obstetrics*



5. **Certificate/ Short Course in Veterinary Diagnostic Imaging:** Diagnostic aids are required to diagnose any particular disease in the animals. These aids include lab diagnostic agents as well as radiologic diagnosis. The radiographic interpretation is very important tool to diagnose many a condition. This course has been designed to impart hands on training to field veterinarians and private vet practitioners in the area of diagnostic imaging in farm and companion animals and includes radiographic positioning, radiographic interpretation and diagnostic ultrasound.

Participating Department: *Veterinary Surgery and Radiology*

6. **Certificate/ Short Course in Small Animal Anesthesia:** In case a veterinarian has to examine any unfriendly dog or has to perform some simple procedure, it is advisable to either give local anesthesia or general anesthesia so that animal cooperates with the vet and also feels minimum pain. The sedation / anesthesia helps to calm down the animal and also allows the vet to examine the patient properly. This course has been designed to impart practical / hands on training to the vets in the field of small animal anesthesia which includes pre-anesthesia, induction of anesthesia and maintenance of anesthesia along with detailed explanation of working of inhalant anesthesia machine.

Participating Department: *Veterinary Surgery and Radiology*

7. **Certificate Course in Embryo Transfer Technology in Farm Animals:** Embryo transfer technology is one of the most important reproductive biotechniques that brings faster genetic improvement in livestock. The technique is considered highly emerging in Indian subcontinents. It is designed for BVSc and AH graduates and professionals seeking how to perform embryo transfer at field level. Veterinarians in service can also apply to their state animal husbandry department for continuing education for attending this programme. In The course is aimed at training for selection and preparation of donors and recipients; embryo collection freeze, thaw and transfer.

Participating Departments: *Veterinary Gynaecology and Obstetrics, Directorate of Livestock Farm*

8. **Certificate Course in Veterinary Forensic Science:** Veterinary forensic science is the application of employing different techniques and tools to interpret the evidence and to gather information to solve any veterolegal investigation. Each species has its own unique characteristics and body composition that make its identification possible. The veterinarians are usually presented with parts of skin, skeletons, viscera, etc. for veterolegal identification. If the remains of viscera and skeleton are intact and large enough, they can be easily identified on post-mortem examination on the basis of gross anatomical features of different species. The post-mortem examination can also reveal the time of death, cause of death, type of injury, nature of wound, etc. in veterolegal cases. If sample is small, it can be identified by histomorphological, histochemical and ultrastructural techniques. However, where these remains are very small, then DNA analysis can be helpful. Scanning electron microscopy can help in identifying hair types. So, keeping in view the relevance of forensic science in veterolegal cases, this course has been started to train veterinarians in different gross, histomorphological and molecular techniques to identify tissue of a particular species of common domestic animals.

Participating Departments: *Veterinary Anatomy, Veterinary Pathology, Veterinary Microbiology*

9. **Certificate Course in Semen Handling and Artificial Insemination:** Artificial Insemination (AI) and semen handling are an integral part of veterinary field practices. Successful insemination increases the chances of conception and thus may fulfil the farmer's dream of one calf a year. The handling of semen at field level is one of the most critical steps before performing AI. Training will include basics of storage of semen, semen tank management, handling semen within the tank, thawing semen and inseminating cows. Thus, the trainees will develop competence in AI techniques at field level.

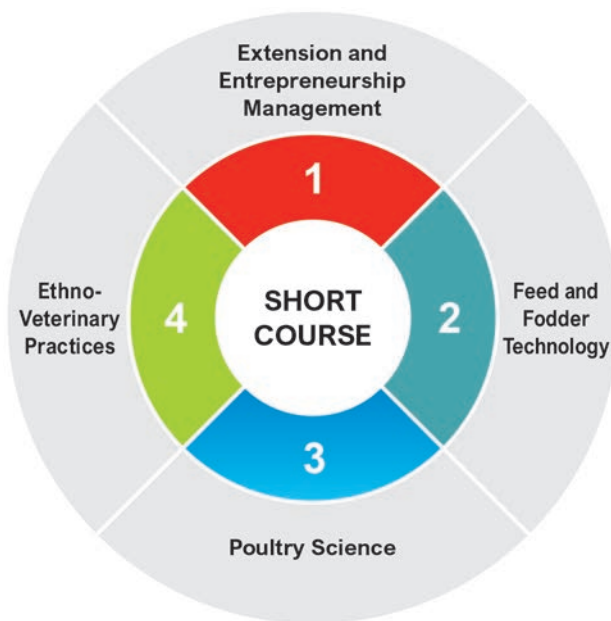
Participating Departments: *Veterinary Gynaecology and Obstetrics, Directorate of Livestock Farms*

10. **Advance Training Course on Important Veterinary Clinical Procedures:** This training program has surgery section, anesthesia section, radiology section, small animal section, equine section, large animal section and necropsy section. The course covers all the topics required by a veterinarian working as a small animal practitioner, large animal practitioners, mixed animal practitioners or vets wish to appear in foreign countries board examination. Also, advance clinical procedures help to upgrade the practical knowledge of clinical procedures required by veterinarians.

Participating Departments: *Department of Veterinary Surgery and Radiology, Veterinary Medicine, Veterinary Gynaecology and Obstetrics, Veterinary Pathology, Veterinary Physiology and Biochemistry*

Post-graduate Diploma (PGD)/Advance Training Courses (ATC)/Short Courses (SC) for Graduate/Post-graduate in any science subjects

11. **Post-Graduate Diploma in One Health (Distance Learning Programme):** This diploma provides a platform for transdisciplinary information sharing and collaborations between professionals of various health science disciplines. Capacity building and human resource development to counter emerging health threats effectively. Multidisciplinary study will open an array of career opportunities for participants. Enhancement of skills of participants to think critically and work collaboratively across sectors.



Participating Department: Centre for One Health

- 12. Training Programme on Microbiological and Molecular Biology Techniques:** With the advent of newer technologies in the field of veterinary microbiology, it becomes of paramount importance to get acquainted with current conventional and advanced microbiological techniques in the diagnosis of disease. This course would help the graduates and postgraduates in veterinary or any other branch of life sciences. Hands on training would be beneficial for them to upgrade their practical knowledge in the field of clinical diagnostic Microbiology. It would enhance the skills of the participants that would help in capacity building and human resource development in current scenario. Such training will also help them in preparing for competitive exams and sitting for various scholarships. The course would include principle, procedure and applications of conventional microbiological tests, molecular diagnostic techniques like PCR, RT-PCR, RFLP etc. and their role in bacteriology and virology and an introduction to immunological techniques like AGPT, ELISA, FPA and Hybridization assays etc.

Participating Department: Veterinary Microbiology

- 13. Online Short Course in Extension and Entrepreneurship Management:** The livestock sector is an important component of the Indian economy in terms of income, employment and equity. Livestock-based enterprises are of high importance in rural economy that provides food, employment and income generating opportunities. Extension Education plays a vital role in transferring knowledge and technologies to the livestock farmers. Hence, field functionaries/budding youths engaged in agricultural, livestock and allied activities needs to be refreshed in knowledge and skills of technology transfer as well as its adoption and impact.

ਐਕਸਟੈਂਸ਼ਨ ਐਂਡ ਐਂਟਰਪਰਾਨਰਸ਼ਿਪ ਮੈਨੇਜਮੈਂਟ ਦਾ ਆਨਲਾਈਨ ਸ਼ੋਰਟ ਕੋਰਸ

ਕੋਰਸ ਕਰਨ ਦੇ ਫਾਇਦੇ	• ਉੱਦਮੀ ਯੋਗਤਾ ਵਿੱਚ ਵਾਧਾ। • ਸੰਪਰਕ ਸਾਧਣ ਦੀ ਕੁਸ਼ਲਤਾ ਵਿੱਚ ਵਾਧਾ। • ਮੌਕੇ ਤੇ ਫੈਸਲਾ ਕਰਨ ਦੀ ਸਮਰੱਥਾ ਵਿੱਚ ਵਾਧਾ। • ਇਲਾਕੇ ਦੀਆਂ ਪਸਾਰ ਸੇਵਾਵਾਂ ਦੀ ਕੁਆਲਿਟੀ ਵਿੱਚ ਵਾਧਾ।
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Participating Department: Veterinary and Animal Husbandry Extension Education

Certificate Course (CC) / Online Short Courses (SC) for Graduate in any subject

- 14. Certificate Course in Laboratory Diagnostics:** The certificate course is intended to provide technical knowledge and skills in the areas of laboratory diagnostics. The programme also aims to develop human resource and entrepreneurial opportunities in the area of laboratory diagnostics. The certificate course in laboratory diagnostics will provide professional competency to candidates for placement as Laboratory technicians in Govt. and Private laboratories or can also be entrepreneurs and provide employment to other citizens.

Participating Departments: Veterinary Pathology, Veterinary Parasitology, Veterinary Physiology and Biochemistry, Veterinary Microbiology

- 15. Online Short Course in Feed and Fodder Technology:** The major quantum of livestock products in coming years would be coming from organized livestock industry. As well as, the small holder systems would be part of contract farming system. The markets would be highly competitive in terms of cost and product specifications and this will necessitate professional management of the livestock industry. Feeds would continue to be a major input and feed markets and safety issues would be a significant component of the livestock sector influencing sustainability of livestock sector. The main objective of animal nutrition is to provide all essential nutrients in adequate amounts and in optimum proportion to increase the productive efficiency of animals and to increase profitability of the livestock sector. In Punjab, most of the population is depending on agriculture and animal husbandry and contributes around 13% alone in total GDP of state. Punjab state has more than 1000 feed manufacturers but their knowledge about feeding strategies is very poor and are surviving on small and medium scale livestock farmers. With changing scenario in the coming years, it will be difficult for them to survive until and unless they either themselves get scientific knowledge or they should employ some technical personals for feed mill operations. This certificate course will provide them knowledge bank in term of qualified professionals to compete in the market.

ਫੀਡ ਅਤੇ ਚਾਰਾ ਤਕਨਾਲੋਜੀ ਦਾ ਆਨਲਾਈਨ ਸ਼ੋਰਟ ਕੋਰਸ

ਕੋਰਸ ਕਰਨ ਦੇ ਫਾਇਦੇ	- ਨੌਜਵਾਨ ਗ੍ਰੈਜੂਏਟ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਫੀਡ ਬਣਾਉਣ ਦੇ ਮਾਹਿਰ ਬਣਾਉਣਾ। - ਉਦਮੀਆਂ ਨੂੰ ਸਿਖਲਾਈ ਦੇਣਾ। - ਫੀਡ ਉਦਯੋਗ ਵਿੱਚ ਕਾਰਜਕਾਰੀ ਦੇ ਤੌਰ ਤੇ ਰੁਜ਼ਗਾਰ ਦੇ ਅਫਸਰ ਪੈਦਾ ਕਰਨਾ। - ਸੇਵਾ ਕਰ ਰਹੇ ਉਮੀਦਵਾਰਾਂ ਵਾਸਤੇ ਵਾਸਤੇ ਹੁਨਰ ਅਪਗਰੇਡ ਕਰਨਾ।
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Participating Department: Animal Nutrition

- 16. Online Short Course in Poultry Science:** The proposed programme is designed by the department of Livestock Production Management in collaboration with Livestock Products Technology, Animal Nutrition and Veterinary Pathology. The programme is intended to provide technical knowledge and skills in the areas of poultry production management, nutrition, health management and processing. The programme also aims to develop human resource and entrepreneurial opportunities in the area of Poultry. In current scenario, this course will provide basic technical knowledge and skill in all the aspects of poultry production through online learning mode. The practical aspect to be covered at the poultry farm, hatchery or instructional poultry processing plant of GADVASU, Ludhiana is minimum 5 days residential requirement.

ਮੁਰਗੀ ਪਾਲਣ (ਪੋਲਟਰੀ ਸਾਇੰਸ) ਦਾ ਆਨਲਾਈਨ ਸ਼ੋਰਟ ਕੋਰਸ

ਕੋਰਸ ਕਰਨ ਦੇ ਫਾਇਦੇ	- ਪੋਲਟਰੀ ਉਤਪਾਦਨ ਦੇ ਖੇਤਰ ਵਿੱਚ ਤਕਨੀਕੀ ਗਿਆਨ ਅਤੇ ਹੁਨਰ ਪ੍ਰਦਾਨ ਕਰਨਾ - ਪੋਲਟਰੀ ਉਤਪਾਦਨ, ਸਿਹਤ, ਪ੍ਰਬੰਧਨ ਅਤੇ ਸੁਰੱਖਿਆ ਵਿੱਚ ਤਕਨੀਕੀ ਗਿਆਨ ਅਤੇ ਹੁਨਰ ਪ੍ਰਦਾਨ ਕਰਕੇ ਮਨੁੱਖੀ ਸਰੋਤ ਨੂੰ ਮਜ਼ਬੂਤ ਕਰਨਾ - ਬੇਰੁਜ਼ਗਾਰ ਨੌਜਵਾਨਾਂ ਲਈ ਪੋਲਟਰੀ ਖੇਤਰ ਵਿੱਚ ਉੱਦਮੀ ਮੌਕੇ ਅਤੇ ਰੋਜ਼ੀ-ਰੋਟੀ ਦੇ ਮੌਕੇ ਪੈਦਾ ਕਰਨਾ
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Participating Departments: Livestock Production Management, Animal Nutrition, Veterinary Pathology, Livestock Products Technology

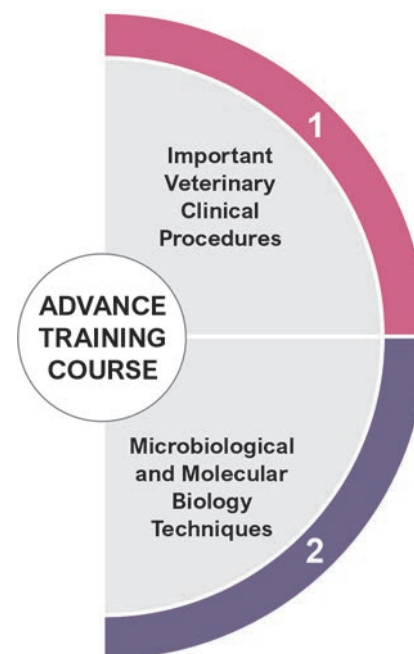
Online Courses for any Graduate/Veterinary Diploma Holders/Farmers (10th Pass)

- 17. Online Short Course in Ethno-Veterinary Practices:** The changing environment and world scenario have remarkably affected the health paradigm and thereby shifted the focus to traditional medicines. The revival of Indian traditional medicine in disease prevention and control is becoming inevitable. The use of herbal medicines in disease cure will not only help in controlling menace of residues of synthetic drugs and pesticides in animal products, but will also enhance income return for the farmers by cultivating plants with medicinal values. Indian industry is also likely to gain by manufacturing and selling herbal based drugs and products by establishing eco-friendly agro-based industries. The course is designed to impart training of cost effective and environmentally sound ethno-veterinary practices for sustainable livestock production to the veterinary graduates.

ਜਾਨਵਰਾਂ ਦੀਆਂ ਬੀਮਾਰੀਆਂ ਦੇ ਪਰੰਪਰਾਗਤ ਇਲਾਜੀ ਨੁਸਕਿਆਂ ਸੰਬੰਧੀ ਆਨਲਾਈਨ ਕੋਰਸ

ਕੋਰਸ ਕਰਨ ਦੇ ਫਾਇਦੇ	ਚਿਕਿਤਸਕ ਪੌਦਿਆਂ ਦੀ ਕਾਸ਼ਤਕਾਰੀ ਨਾਲ ਕਿਸਾਨਾਂ ਦੀ ਆਮਦਨ ਵਧਾਉਣਾ। ਪਸ਼ੂਪਨ ਉਤਪਾਦਨ ਨੂੰ ਵਧਾਉਣ ਲਈ ਸਿਖਲਾਈ ਪ੍ਰਦਾਨ ਕਰਨਾ। ਪਸ਼ੂਆਂ ਦੀਆਂ ਬੀਮਾਰੀਆਂ ਦੇ ਇਲਾਜ ਲਈ ਵਿਕਲਪਕਾਂ ਦੀ ਜਾਣਕਾਰੀ। ਦੋਸੀ - ਵੈਟਨਰੀ ਦਵਾਈਆਂ ਵਰਤਣ ਵਾਲੀਆਂ ਦੇ ਹੁਨਰਾਂ ਨੂੰ ਉੱਚਾ ਚੁੱਕਣ ਲਈ।
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Participating Departments: Department of Pharmacology and Toxicology, Collaborating Research Centre for Veterinary Ayurveda



CHAPTER II

Course details including Eligibility qualifications, Fee details / payment and Course period.

Course Name	No. of Seats	Course Fee (Rs.)*	Course Duration	Course Start Date	Application Submission Period
Post-Graduate Diplomas (PGD)/Certificate Courses (CC)/Short Courses (SC)/Advance Training Courses (ATC) for Veterinary Graduates					
PGD in Large Animal Reproduction	5+1#	40,000 each Sem.	1 Year (2 Semesters)	1 st Semester (08.08.2022)	01.07.2022 to 15.07.2022
PGD in Small Animal Clinical Practice	5+1#	40,000 each Sem.	1 Year (2 Semesters)	1 st Semester (08.08.2022)	01.07.2022 to 15.07.2022
PGD in Bovine Clinical Practice	5+1#	40,000 each Sem.	1 Year (2 Semesters)	2 nd Semester (16.01.2023)	12.12.2022 to 26.12.2022
PGD in Equine Clinical Practice	5+1#	40,000 each Sem.	1 Year (2 Semesters)	2 nd Semester (16.01.2023)	12.12.2022 to 26.12.2022
CC in Veterinary Diagnostic Imaging	3+1#	60,000	6 Month (1 Week/Month on-campus)	1 st Semester (08.08.2022)	01.07.2022 to 15.07.2022
SC in Veterinary Diagnostic Imaging	3+1#	50,000	6 Week	08.08.2022	01.07.2022 to 15.07.2022
				01.05.2023	04.04.2023 to 15.04.2023
CC in Small Animal Anaesthesia	3+1#	60,000	6 Month (1 Week/Month on-campus)	1 st Semester (08.08.2022)	01.07.2022 to 15.07.2022
SC in Small Animal Anaesthesia	3+1#	50,000	6 Week	08.08.2022	01.07.2022 to 15.07.2022
				01.05.2023	04.04.2023 to 15.04.2023
CC in Embryo Transfer Technology in Farm Animals	3+1#	30,000	6 Months (3 Months on-campus)	1 st Semester (08.08.2022)	01.07.2022 to 15.07.2022
CC in Veterinary Forensic Science	10	20,000	6 Month (1 Week/Month on-campus)	1 st Semester (08.08.2022)	01.07.2022 to 15.07.2022
CC in Semen Handling and Artificial Insemination	3+1#	30,000	6 Month (3 Month on-campus)	2 nd Semester (16.01.2023)	12.12.2022 to 26.12.2022
ATC in Important Veterinary Clinical Procedures	5+1#	50,000	3 weeks/ 15 working days	15.04.2023	01.01.2023 to 20.03.2023

Course Name	No. of Seats	Course Fee (Rs.)*	Course Duration	Course Start Date	Application Submission Period
Post-graduate Diploma (PGD)/Advance Training Courses (ATC)/Short Courses (SC) for Graduate/Post-graduate in any science subjects					
PGD in One Health (Distance Learning Programme)	20	10,000 each Sem.	1 Year (2 Semesters)	1 st Semester (08.08.2022)	01.07.2022 to 15.07.2022
ATC in Microbiological and Molecular Biology Techniques	20	5,000	One Month	01.07.2022	01.06.2022 to 15.06.2022
Online SC in Extension and Entrepreneurship Management	10	10,000	6 Week (5 Day on-campus Training)	08.08.2022	01.07.2022 to 15.07.2022
				01.05.2023	04.04.2023 to 15.04.2023
Certificate Course (CC) / Online Short Courses (SC) for Graduate in any subject					
CC in Laboratory Diagnostics	10	25,000	6 Month	2 nd Semester (16.01.2023)	12.12.2022 to 26.12.2022
Online SC in Feed and Fodder Technology	10	10,000	6 Week (5 Day on-campus Training)	08.08.2022	01.07.2022 to 15.07.2022
				01.05.2023	04.04.2023 to 15.04.2023
Online SC in Poultry Science	10	10,000	6 Week (5 Day on-campus Training)	08.08.2022	01.07.2022 to 15.07.2022
				01.05.2023	04.04.2023 to 15.04.2023
Online Courses for any Graduate/Veterinary Diploma Holders/Farmers (10 th Pass)					
Online Course in Ethno-veterinary Practices	10	3,000	2 Week (1-2 Day on-campus Visit)	08.08.2022	01.07.2022 to 15.07.2022
				01.05.2023	04.04.2023 to 15.04.2023
				03.07.2023	01.06.2023 to 16.06.2023

*Excluding boarding/lodging

Foreign student, in case it remains vacant, it will be filled from National candidates as per Merit.

Course fee for NRI/OCI

Course Type	Fee in Indian Rupees equivalent of US\$
Post-graduate Diploma	US\$ 2000
Certificate Course	US\$ 1500
Short Course/Advance Training	US\$ 1000

Notes:

- Application Fee is Rs.1500/- for Postgraduate Diploma, Rs. 1000/- for Certificate Course and Rs. 500/- for Short Course / Training.
- For admission, candidates will be considered strictly on the basis of merit / marks of qualifying examination. However, wherever applicable preference will be given to B.V.Sc. & A. H. graduates.
- Change, if any, in application submission dates and the counselling dates will be notified on the university website only. The aspirants are advised to visit the university website regularly for the updates.
- The admission to Diploma, Certificate and Short courses and Trainings are open to residents of all states and union territories of India, and to the NRI/OCI, wherever specified.
- The admission form is enclosed as well as available on the University website “www.gadvasu.in”. The candidates seeking admission have to download the application form, fill offline and submit along with all required documents and proof of payment of application fee as scanned single pdf file attachment through email (at the address given in box) on or before the last date fixed for receipt of the application form.

Dean	Email address
Dean, College of Veterinary Science, Ludhiana	deancovsldh@gmail.com

- Only one application is to be submitted for consideration for admission to a particular course. If a candidate wishes to be considered for more than one course, he or she has to submit separate applications for each Diploma / Course / Training and pay the application fee accordingly. It is to note that, at a time, the candidate will be admitted to one course / training only.
- The candidates seeking admission must attend the counselling as per the scheduled date, time and venue notified to the Mobile WhatsApp contact of the candidate / university website.
- At the time of counselling, the candidate is required to present the hard copy of the submitted application form and the original certificates.
- The university possesses no boarding facilities for the candidates taking admission in Diploma / Certificate / Short courses / Trainings. So, they have to arrange accommodation at their own level.
- The reservation policy will be followed as per guidelines of the state government and as in other programmes of the university.
- The in-service candidates deputed by the employer will be given preference in admission.

MODE OF APPLICATION FEE PAYMENT / COURSE FEE PAYMENT:

- Application fee must be deposited through “Bank Transfer” as per table below.
- Offline Counselling: Entire fee must be deposited at the time of counselling / admission through Credit Card / Debit Card / Cash in the Office of Dean, College of Veterinary Science, Ludhiana, GADVASU.
- Online Counselling: Entire fee must be deposited within 24 hours of counselling / admission through “Bank Transfer” as per table below:

Beneficiary Name	DEAN COLLEGE OF VETY SCIENCE GADVASU
Account No	50100422540875
Bank	HDFC Bank Ltd, Feroze Gandhi Market, Ludhiana
Bank IFSC Code	HDFC0000634
Band Swift Code	HDFCINBBXXX

CHAPTER III

Academic Calendars and Application Forms

ACADEMIC CALENDAR FOR POST GRADUATE DIPLOMAS (2022-23)

Activity	Date	
	Semester - I	Semester - II
Meeting with HODs and registration	08.08.2022	16.01.2023
Commencement of classes	09.08.2022	17.01.2023
Mid-Semester Examination	14.10.2022 to 22.10.2022	23.03.2023 to 30.03.2023
End of Semester Examination	19.12.2022 to 28.12.2022	26.05.2023 to 05.06.2023
Submission of grades by the Teachers to Heads	02.01.2023	06.06.2023
Submission of grades by the Heads to Dean, COVS	03.01.2023	08.06.2023
Announcement of result by Dean, COVS	10.01.2023	15.06.2023
Semester Break	29.12.2022 to 15.01.2023	06.06.2023 to 31.07.2023
Break Up of Semester	08.08.2022 to 18.12.2022	16.01.2023 to 25.05.2023
Total number of days	133	130
Total number of working days (Excluding days of end of semester examination)	95	94

ACADEMIC CALENDAR FOR CERTIFICATE COURSES (2022-23)

Activity	Date	
	Semester - I	Semester - II
Meeting with HODs and registration	08.08.2022	16.01.2023
Commencement of classes	09.08.2022	17.01.2023
Mid-Semester Examination	14.10.2022 to 22.10.2022	23.03.2023 to 30.03.2023
End of Semester Examination	19.12.2022 to 28.12.2022	26.05.2023 to 05.06.2023
Submission of grades by the Teachers to Heads	02.01.2023	06.06.2023
Submission of grades by the Heads to Dean, COVS	03.01.2023	08.06.2023
Announcement of result by Dean, COVS	10.01.2023	15.06.2023
Semester Break	29.12.2022 to 15.01.2023	06.06.2023 to 31.07.2023
Break Up of Semester	08.08.2022 to 18.12.2022	16.01.2023 to 25.05.2023
Total number of days	133	130
Total number of working days (Excluding days of end of semester examination)	95	94



COLLEGE OF VETERINARY SCIENCE (LUDHIANA)
GURU ANGAD DEV VETERINARY AND ANIMAL SCIENCES UNIVERSITY

APPLICATION FORM FOR RESIDENT INDIAN FOR ADMISSION TO POSTGRADUATE DIPLOMA / SHORT COURSE / CERTIFICATE COURSE / ONLINE SHORT COURSE/TRAININGS

(Academic Session 2022-23)

Detail of Application Fee (To be filled in by the candidate) Amount: _____ Transfer Ref. No.: _____ Date: _____ Bank, Branch, City: _____ (Application Fees are Rs. 1500/- for Diploma, Rs 1000/- for Certificate and Rs. 500/- for Short Courses / Trainings)	Latest passport size photograph pasted with gum duly signed by the candidate. Do not staple
FOR OFFICE USE ONLY Fees paid Cashier..... A.A.O..... DD/Bankers Cheque No. dated..... Admission No. Dealing Official.....	

To be filled by the candidate in his/her own handwriting with blue/ black ink

1.	Name of the applicant* (in block letters)	
2.	Father's name* (in block letters)	
3.	Mother's name* (in block letters)	
	(a) Permanent Address	
		PIN _____
	(b) Correspondence Address	
		PIN _____
	(c) Mobile No.	
	(d) E-mail	

*Name as mentioned on qualifying degree certificate/D.M.C.

5. Programme in which admission is sought.
- i. Postgraduate Diploma in _____
- ii. Certificate Course in _____
- iii. Short Course in _____

iv. Online Short Course _____

v. Training Programme _____

(Fill the name of diploma/ course in which admission is sought)

6. Country, State, Place of residence/Nationality _____

7. Category(ies) under which admission is sought _____

Reserve category (SC/ST/BC/In-service) _____

8. Date of Birth

Day

Month

Year

(As entered in the matriculation or equivalent certificate).

9. Details of qualifying examinations passed

Examination	Matriculation	10+2	Graduation	Post-graduation
Name of School or College				
Name of the Board/University				
Month and Year of Passing				
Board/University Roll No				
Maximum Marks/OGPA/OCPA				
Marks/OGPA/OCPA obtained				
Percentage of Marks				

DECLARATION BY CANDIDATE

- I _____ son/daughter of _____
Sh. _____ hereby certify that the admission form has been filled in my own hand-writing with blue/black ball point and according to the given instructions.
- I hereby affirm that the information given by me in this admission form is complete and true to the best of my knowledge and belief and that I have made this application with the consent and approval of my parent/guardian. In the event of my admission to the college, I undertake to abide by the disciplinary and other rules and regulation of the college and the university.
- If the information provided by me is found to be incorrect, I will be liable to be prosecuted under law and summarily expelled from GADVASU.

Place _____

Date _____

(Signature of candidate)

INSTRUCTIONS for Resident Indian

1. The Candidate must ensure his/her eligibility (from the prospectus) before filling up the form.
2. The admission form must be filled legibly in blue/black ball point in candidate's own handwriting. The hard copy must be submitted in person at the time of counselling.
3. Latest passport size photograph signed by the candidate should be pasted in the space provided on the admission form. This photograph should be similar in all respects as the candidate wishes to appear in the counselling. For example, if the candidate wishes to appear with beard, turban, etc., the photograph should appear so.
4. The admission form must be completed, and no column should be left blank. Write "not applicable" where no information is required to be given. Incomplete admission form is liable to be rejected.
5. Information at Sr. No. 5 of Application Form must be filled, otherwise, the application form will be considered incomplete and rejected.
6. Self-attested copies of all the certificates from matriculation onward and other supporting testimonials must be attached with the admission form in the first instance. No addition of certificate/testimonial shall be entertained subsequently.
7. The DEAN, COLLEGE OF VETERINARY SCIENCE, Ludhiana may, at his discretion, cancel the admission of a candidate if at any time, it is found that the candidate obtained admission by misrepresentation/concealment of facts or the admission was made due to error oversight, etc.
8. INCOMPLETE APPLICATIONS / APPLICATIONS WITHOUT REQUISITE FEE / APPLICATIONS RECEIVED AFTER THE PRESCRIBED DATE WILL NOT BE ENTERTAINED UNDER ANY CIRCUMSTANCES. NO CORRESPONDENCE/ENQUIRY FROM SUCH CANDIDATES SHALL BE ENTERTAINED.

List of Self Attested copies of Certificates/Testimonials to be submitted with Admission Form

1. Certificate as evidence of belonging to Reserve category(ies)
2. Certificate of residence.
3. Certificate as evidence of Date of Birth
4. Degree and Detailed marks certificate of examination(s) which qualifies the candidate for admission.
5. Character certificate from the college/ university last attended
6. Aadhaar/UID card.

Note: Original certificates/testimonials, Aadhaar card, etc., self-attested copies of which have been enclosed with the admission form should be produced at the time of counselling.

Form Sr. No.....
(for office use only)

COLLEGE OF VETERINARY SCIENCE (LUDHIANA)
GURU ANGAD DEV VETERINARY AND ANIMAL SCIENCES UNIVERSITY

**APPLICATION FORM FOR NRIS / OCIS / CHILDREN OF NRIS / WARDS OF NRIS FOR
ADMISSION TO POSTGRADUATE DIPLOMA / SHORT COURSE / CERTIFICATE COURSE / ONLINE SHORT
COURSE/TRAININGS**

(Academic Session 2022-23)

IMPORTANT: The candidate must carefully read instructions given at the end of this form and in the prospectus before filling the form.

Detail of Application Fee (To be filled in by the candidate) Amount: _____ Transfer Ref. No.: _____ Date: _____ Bank, Branch, City: _____ (Application Fees are Rs. 1500/- for Diploma, Rs 1000/- for Certificate and Rs. 500/- for Short Courses / Trainings)	Latest passport size photograph pasted with gum duly signed by the candidate. Do not staple
FOR OFFICE USE ONLY	
Fees paid A.A.O..... Cashier..... A.A.O..... DD/Bankers Cheque No. dated..... Admission No. Dealing Official.....	

- | | | |
|--|--|-------------------------|
| 1. | Name of the applicant* (in capital letters) | _____ |
| 2. | Father's/Guardian's name* (in capital letters) | _____ |
| 3. | Mother's name* (in capital letters) | _____ |
| 4. | Permanent Address | _____

_____ |
| | | _____ PIN _____ |
| 5. | Correspondence Address | _____

_____ |
| | | _____ PIN _____ |
| | Telephone No. & Mobile No. | _____ |
| | with code in India and Abroad | _____ |
| | E-mail (for correspondence) | _____ |
| *Name as mentioned on qualifying degree certificate/D.M.C. | | |
| 6. | Programme in which admission is sought. | |
| i. | Postgraduate Diploma in | _____ |
| ii. | Certificate Course in | _____ |
| iii. | Short Course in | _____ |

iv. Online Short Course in _____

v. Training Programme _____

(Fill the name of diploma/ course in which admission is sought)

7. Date of Birth

Day

Month

Year

8. Mother Tongue _____

9. Details of qualifying examinations passed

Examination	Matriculation	10+2	Graduation	Post-graduation
Name of School or College				
Name of the Board/University				
Month and Year of Passing				
Board/University Roll No./Regd. No./ Student No.				
Maximum Marks/OGPA/OCPA				
Marks/OGPA/OCPA obtained				
Percentage of Marks				

DECLARATION BY CANDIDATE

- I _____ son/daughter of _____
Sh. _____ hereby certify that the application form has been filled in my own hand in ink, and according to the given instructions.
- I hereby affirm that the information given by me in this application form is complete and true to the best of my knowledge and belief and that nothing has been concealed. I have made this application with the consent and approval of my parent/guardian. In the event of my being admitted to the college, I undertake to abide by the disciplinary and other rules and regulations of the college and the university.
- I shall remain in touch with the university for knowing the outcome regarding my admission and shall not hold the university responsible for any postal delay, loss or misplacement of the correspondence made in this regard.
- If the information provided by me is found to be incorrect, I will be liable to be prosecuted under the law and summarily expelled from GADVASU.

Place _____

Date _____

(Signature of candidate)

INSTRUCTIONS for NRIs / OCIs / Children of NRIs / Wards of NRIs

1. The Candidate must ensure his/her eligibility (from the prospectus) before filling up the form.
2. The application form must be filled legibly in blue ink in candidate's own handwriting and submitted following the prescribed application procedure in the prospectus for NRI category admissions. The candidate is required to present the hard copy of the submitted application form and the original certificates/ testimonials at the time of counselling.
3. Latest passport size photograph duly signed by the candidate should be pasted in the space provided on the application form. This photograph should be similar in all respects as the candidate wishes to appear in the counselling. For example, if the candidate wishes to appear with beard, turban, etc., the photograph should appear so.
4. The application form must be completed and no column should be left blank. Write "Not Applicable" where no information is required to be given. Incomplete application form is liable to be rejected.
5. Information at Sr. No. 6 of Application Form must be filled, otherwise, the application form will be considered incomplete and rejected.
6. Self-attested copies of all the certificate from matriculation onwards and other supporting testimonials must be attached with the application form in the first instance.
7. The DEAN, COLLEGE OF VETERINARY SCIENCE, Ludhiana may, at his discretion, cancel the admission of a candidate if at any time, it is found that the candidate obtained the admission by misrepresentation/concealment of facts or the admission was made due to error, oversight, etc.
8. INCOMPLETE APPLICATIONS / APPLICATIONS WITHOUT REQUISITE FEE / APPLICATIONS RECEIVED AFTER THE PRESCRIBED DATE WILL NOT BE ENTERTAINED UNDER ANY CIRCUMSTANCES. NO CORRESPONDENCE/ENQUIRY FROM SUCH CANDIDATES SHALL BE ENTERTAINED.

CHECK LIST OF CERTIFICATES ETC. TO BE SUBMITTED WITH THE APPLICATION

1. Photocopy of Candidate's Passport (duly attested).
2. Certificate in evidence of NRI.
3. Affidavit by the NRI on prescribed proforma (Annexure enclosed).
4. Attested photocopy of certificate in evidence of Date of birth.
5. Attested photocopies of degrees, diplomas and certificates for the examinations passed including qualifying examination.
6. Attested photocopies of detailed marks certificates of all the examinations passed.
7. Attested photocopy of character certificate from the school/college/Institution last attended.
8. Two copies of the recent passport size photographs of the candidate.
9. Attested supporting documents for conversion of OGPA/OCPA.
10. Proof of ancestral background in Punjab/Other Indian States.

Note: Original degrees, diplomas, certificate, etc. attested copies of which have been enclosed with the application form should be produced at the time of interview, otherwise, claim for the seat will stand cancelled.

ANNEXURE

AFFIDAVIT BY N.R.I.

I Sh./Smt.....S/O,D/O,W/O.....and parent of Mr. / Ms. who is applying for admission under NRI Category in the..... (Write the name of the programme) programme at Guru Angad Dev Veterinary & Animal Sciences University, Ludhiana do hereby solemnly affirm and declare as under:-

1. That my state of origin in India is, where I am having ancestral and inherited property. My ancestral address in India is
2. That, I migrated to.....(country) on (date) as a resident of (country). My Permanent Alien Registration Card/Non-residential Card/Employment Card No. is (If applicable)
3. That my child is an NRI.
4. That, I undertake to make full payment of the prescribed tuition fee and charges for the entire duration of the programme in the manner as may be fixed by the University.
5. That if the facts given at Sr. No. 1 to 4 of this affidavit are found to be incorrect at any stage, on verification, the admission of my child/ward may be cancelled and the fee deposited by me forfeited and proceeding as permissible under the law of the land initiated.

DEPONENT

Verification

I solemnly declare that the above contents of para 1 to 5 of mine are true and correct to the best of my knowledge and belief and nothing has been concealed therein.

DEPONENT

Date_____

Place_____

Sworn to and appeared before me at..... (place of the country)

This day (date)

Signature and seal
(Notary Public/Magistrate Class I)

NB: Strike off whichever is not applicable.



National Agricultural Higher Education Project **NHEP** (NAHEP)

**“Prospectus (Post-graduate Diploma and Short Course/Certificate Course/
Training Course) of College of Veterinary Science (Ludhiana)”
published under Project: Institutional Development Plan
entitled “Improved Learning Outcome, Skill and Entrepreneurship at GADVASU”**

Project Implementation Unit (PIU)

National Director (NAHEP): Dr. R.C. Agrawal, Deputy Director General (Education)

National Coordinator (IDP): Dr. P. Ramasundaram

IDP Leader: Dr. Inderjeet Singh, Vice Chancellor, GADVASU

Principal Investigator/ Coordinator: Dr. Sarvpreet Singh Ghuman, Dean, College of Veterinary Science

Associate Coordinator: Dr. Opinder Singh, Professor, Department of Veterinary Anatomy

Nodal Officer of IDP

Environment Management Officer: Dr. Satyavan Rampal, Director Students Welfare-cum-Estate Officer

Grievance Redress Mechanism Cell Officer: Dr. Opinder Singh, Professor, Department of Veterinary Anatomy

Social Safeguard Officer: Dr. Varinder Uppal, Professor-cum-Head, Department of Veterinary Anatomy

Project Monitoring & Evaluation Nodal officer: Dr. Mrigank Honparkhe, Principal Scientist-cum-Head, Department of Veterinary Gynaecology and Obstetrics

Procurement Officer: Dr. Nirbhay Kumar Singh, Professor-cum-Head, Department of Veterinary Parasitology

IDP Team Members

College of Veterinary Science: Dr. Nitin Mehta, Associate Professor

College of Fisheries: Dr. Vaneet Inder Kaur, Principal Scientist

College of Dairy Science & Technology: Dr. Varinder Pal Singh, Assistant Professor

