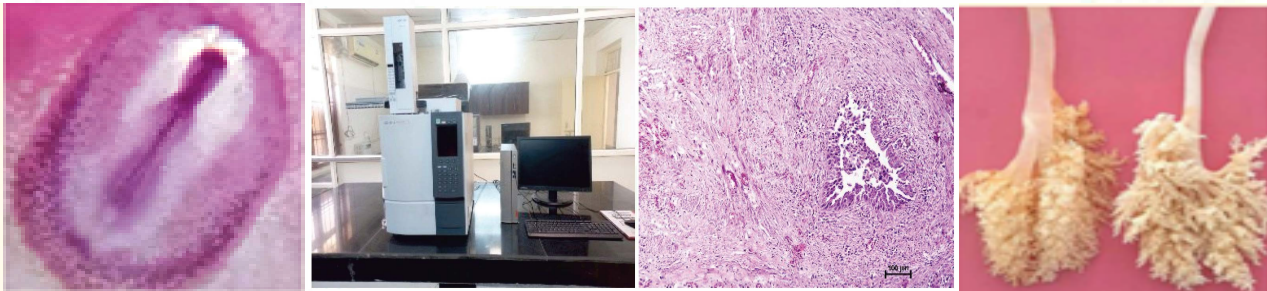




## UPCAR Sponsored Summer School on

**“Advances in Different Anatomical Techniques and their Applications to Improve Animal Health and Production”**

**22<sup>nd</sup> September - 1<sup>st</sup> October 2026**



**Organized by:**

**Department of Veterinary Anatomy**

**College of Veterinary Science & Animal Husbandry**

**U.P. Pandit Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwavidyala  
Evam Go-Anusandhan Sansthan (DUVASU),  
Mathura - 281001 (U.P.) INDIA**



## About The Course

This UPCAR-sponsored Summer School is an intensive training program designed to equip veterinary professionals, academicians, and researchers with advanced knowledge and practical skills in modern animal health sciences. The course encompasses recent breakthroughs in stem cell technologies and their clinical applications, offering participants in-depth exposure to histological and enzyme histochemistry techniques crucial for accurate disease diagnosis.

Participants will learn standardized protocols for tissue preparation, including advanced methods for scanning and transmission electron microscopy, and gain proficiency in diverse staining techniques for the identification of cells, tissues, and connective fibers. The curriculum also delves into the anatomical basis of meat quality, hematology protocols, ultrasonography applications, and the establishment of histo-chemistry laboratories.

Hands-on training modules, such as plastination for specimen preservation, connective tissue fiber staining, and embryological specimen preparation will provide valuable practical experience. Enriching laboratory visits and a local excursion further enhance exposure to applied anatomical and diagnostic practices.

Specialized sessions address forensic anatomy, functional anatomy of the eye, and seasonal and heat stress effects on immunity in livestock and birds. Additionally, participants will explore immunohistochemical techniques for cancer detection and other pathological studies.

This comprehensive course aims to empower participants with the expertise to enhance diagnostic precision, advance anatomical and histological research, and contribute effectively to the improvement of animal health and production.

### The University (DUVASU)

The university is located at Brij Bhumi Mathura, the birth place of Lord Krishna. The Brij area is known since time immemorial for Lord Krishna and its animal wealth, particularly cows. U.P. College of Veterinary Sciences and Animal Husbandry was established in Mathura by Government of U.P. in 1947 and was the first Veterinary College in Asia to confer the degree in Veterinary Sciences. In the year 1975, this College was made a constituent College of the C.S. Azad University of Agriculture and Technology, Kanpur. However, keeping in view the requirement of trained and competent manpower in the field of Veterinary Sciences, Animal Husbandry, Fisheries and other allied disciplines and also to give a fillip to research on different aspect of cattle production, Govt. of Uttar Pradesh established U.P. Pandit Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwavidyalaya Evam Go Anusandhan Sansthan, Mathura, the fourth Veterinary University in the country on 25.10.2001. The University is located on the Mathura-Agra Road and is about 5 km from Mathura Junction Railway Station and 4 km from new bus stand. The main campus of the University is spread over a vast land area of 782.32 acres in Mathura Cantt and about 1400 acres at Madhurikund, about 20 km from the main campus.



## Department of Veterinary Anatomy

Since inception of Veterinary College in 1947, the department of Anatomy is imparting knowledge to undergraduate students. The department has started postgraduate studies in 1965 and the first Indian Ph.D. scholar in Veterinary Anatomy has completed his research work in 1970 from this department. The department is located in a very large building having a big Dissection hall, Histology and Embryology laboratory, Osteology laboratory for undergraduate students, one Postgraduate studies lab, Histochemistry lab, one seminar hall and a lecture theatre which is well equipped with audiovisual aids. Department has established a specimen preparation lab under R.K.V.Y. project on "Entrepreneurial promotion by preparation of specimens from fallen animals". Under this project the department is preparing plastinated specimens along with wet and dry specimens.

The Department had developed three mobile applications on Veterinary Histology, Veterinary Myology, and Veterinary Osteology to enhance learning and accessibility of anatomical knowledge. The department had organized ICAR sponsored, one Summer Institute of one month in 1970 and two Winter school in 2018 & 2022 respectively. It had organized three National Conferences of IAVA in 1991, 2011 and 2024 respectively. The department is actively involved in research on gross anatomy, histology and histochemistry of different organs and systems of various species of animals. So far, sixteen Ph.D and thirty one M.V.Sc. students have completed their degree from this department. The department has successfully taken up three university funded intramural research projects and one extramural project. The department has published more than 250 research papers in National and International journals. In addition to teaching and research the department actively participated in various University activities.

### Eligibility

- Teachers, Research Workers, Specialists Working and Ph. D Research Scholar in SAU's / State ICAR-Institute / KVK /State CSIR-Institute /Agricultural Colleges and Field Veterinarian or equivalent.
- Master's Degree in Veterinary Anatomy / Veterinary Pathology / Veterinary Gynecology / Veterinary Medicine / Veterinary Surgery / Veterinary Physiology / Veterinary Microbiology /LPM / Poultry Science /LPT and allied disciplines.

## Selection of Participants

Applicants are advised to send online application to the Course Director at email [shriprakash.singh@upvetuniv.edu.in](mailto:shriprakash.singh@upvetuniv.edu.in) or [sp82singh@gmail.com](mailto:sp82singh@gmail.com) and also send a signed hard copy of the same to the Dr Shriprakash Singh, Prof & Head cum Course Director, Department of Anatomy, COVSc & AH, DUVASU Mathura, 28I00I through proper channel before the last date. A maximum of 25 participants will be selected for the course by a screening committee as per the UPCAR/ICAR guidelines.

## Travel

Participants will be reimbursed travel expenses for round-trip fares via the shortest rail (up to AC II-tier) or road route according to UPCAR guidelines upon submission of valid travel documents. Mathura is easily accessible from major Indian cities by both rail and road. It is located 145 km from New Delhi. Auto rickshaws are available for hire from Mathura Junction Railway Station and the Bus Station to the university campus at all hours. Participants who are selected are advised to book their return journey in advance.

**Boarding and Lodging :** We warmly welcome participants from a far with complimentary accommodations on shared basis and meals at our University Guest House. Please note that due to limited capacity, we cannot accommodate family members. Participants are advised to pack appropriate clothing for Mathura's September climate, characterized by normal temperatures (30°C-35°C).

## Important Dates :

Last date of application	: 15 <sup>th</sup> August, 26
Notification of selection	: 20 <sup>th</sup> August, 26
Course duration	: 22 <sup>nd</sup> September - 1 <sup>st</sup> Oct 26

**Chief Patron** : Dr. Abhijit Mitra, Vice Chancellor, DUVASU Mathura

**Patron** : Dr. Sanjay Singh, Director General UPCAR

**Chairman** : Dr. Vikas Pathak, Dean, COVSc. & AH

## Contact Details :

### Course Director :

**Dr. Shriprakash Singh, Professor & Head** Email: [shriprakash.singh@upvetuniv.edu.in](mailto:shriprakash.singh@upvetuniv.edu.in)  
Mob: 9412014734

### Course Coordinators :

**Dr. Archana Pathak** Professor & Dean PGS

**Dr. Varsha Gupta** Associate Professor

**Dr. Chetna Gangwar,** Associate Professor

### Technical Secretaries

**Dr. Anand Singh,** Assistant Professor

[anandanna0312@gmail.com](mailto:anandanna0312@gmail.com), 8237420348

**Dr. Rupam Sinha,** Assistant Professor

**Department of Veterinary Anatomy  
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Evam Go-Anusandhan Sansthan (DUVASU) Mathura - 281001(UP)-INDIA**

**Application Form for  
UPCAR Sponsored Summer School**

**“Advances in Different Anatomical Techniques and their Applications to Improve  
Animal Health and Production”**

**22<sup>nd</sup> Sept – 1<sup>st</sup> Oct 2026**

(Fill in CAPITAL Letters)

1. Full Name:.....
2. Designation:.....
3. Postal Address:.....
4. Address for Correspondence (along with mobile / telephone No. and email)  
.....  
.....  
.....
5. Date of Birth:.....
6. Sex: (Male / Female)
7. Teaching / Research / Professional Experience  
.....  
.....
8. Marital Status: (Married / Unmarried)
9. Academic Record:

Degree	Discipline	Year	University
Ph.D			
Masters			
Graduation			

Date:

Place:

Signature of Applicant

**Recommendation of Forwarding Authority**

It is certified that information furnished by the candidate has been verified and found correct.

Signature of Sponsoring Authority with Seal