

Venue & Location

Department of Veterinary Surgery and Radiology
College of Veterinary and Animal Science, Bikaner
Bijay Bhawan Palace, Near Pt. Deendayal Upadhyay Circle
Rajasthan University of Veterinary and Animal Sciences
(RAJUVAS)
Bikaner (Rajasthan)-334001

Important Dates

Last date for receipt of applications

28th December, 2024

Intimation for selection

29th December, 2024

Confirmation by participants

30th December, 2024

About Bikaner

Bikaner is located in the North Western region of Rajasthan and is famous for its rich cultural heritage, historic forts, palaces, temples and sand-dunes. The city was founded in the late 15th century by Rao Bikaji, a Rajput prince, and is named after him. Bikaner is famous for its cuisines, snacks and sweets like Rasgullas, Bikaneri bhujia, and Kachoris. The city is also known for its intricately carved temples, such as the Karni Mata Temple, which is famous for its large population of rats, and Laxmi Nath Temple, built in 15th century and is dedicated to Lord Vishnu. Bikaner is also home to several historic forts, palaces and havelies, including the Junagarh Fort, which was built during the 16th century and houses several palaces and temples within its walls. The city is also known for its handicrafts, particularly its Usta-art, leatherwork, and carpets. Today, the city is thriving on its rich cultural heritage, supply of sweets, namkeens and attracts visitors from all over the world who come to explore its history, culture, and cuisines.



Chief Patron

Prof. Manoj Dixit
Vice-Chancellor
RAJUVAS, Bikaner

Patron

Prof. (Dr.) Hemant Dadhich
Faculty Chairman & Dean
CVAS, Bikaner

Course Director

Prof. (Dr.) Praveen Bishnoi
Professor & Head
Department of Veterinary Surgery & Radiology
Principal Investigator, AINP on DIMSCA (ICAR)
CVAS, RAJUVAS, Bikaner (Rajasthan)

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Announcement cum Invitation

21 days Winter School
on

Evolving trends in Veterinary Surgery and
Diagnostic Imaging and its Implications in
Management of Surgical Conditions in Farm
Food and Companion Animals

January 7-27, 2025



Course Director

Prof. (Dr.) Praveen Bishnoi

Professor & Head
Department of Veterinary Surgery & Radiology
Principal Investigator, AINP on DIMSCA (ICAR)
CVAS, RAJUVAS, Bikaner (Rajasthan)



पशुधर विद्या संशोधनसंस्थानम्



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Organized by

Department of Veterinary Surgery and Radiology
College of Veterinary and Animal Science, Bikaner
Rajasthan University of Veterinary and Animal Sciences
Bikaner (Rajasthan)-334001

About the Winter School

Veterinary Surgery and Radiology plays a crucial role in the diagnosis, treatment, and management of surgical conditions in animals. It is a rapidly advancing field that embraces new technologies, techniques, and evidence-based practices. Veterinary Surgery and Radiology is not merely a subject, rather it has advanced to a different stream involving Diagnostic Imaging, Anaesthesia, Minimum Invasive Surgery, Orthopaedics, Ophthalmology, Dentistry etc.

Veterinary Imaging has now become an integral part of the diagnosis procedures. Imaging which was earlier limited to radiology only, now has become most advanced diagnostic branch of veterinary science with the inclusion of so many new diagnostic modalities like ultrasonography, Doppler, computed Radiography, Computed tomography (CT), MRI etc. The field of veterinary anesthesia has witnessed significant advancements in recent years, driven by a growing understanding of the unique physiological and pharmacological characteristics of different animal species. Over the years, advancements in this field have led to improved anesthetic protocols, refined monitoring techniques, and enhanced pain management strategies. These developments have not only increased the safety of anesthesia but also improved postoperative recovery and overall patient well-being. Orthopedic surgery remains a prominent area of research and innovation in veterinary surgery. Recent advancements in orthopedic implants, fracture management techniques, joint replacement surgeries, and arthroscopy, has gained significant traction in veterinary practice. The benefits of smaller incisions, reduced postoperative pain, faster recovery times, and improved surgical outcomes associated with minimally invasive approaches. The Veterinary ophthalmology has experienced numerous advances in the past twenty years that have dramatically improved the management of ocular disease. Advancements in the fields of pharmaceuticals, surgical equipment and techniques, education seminars, diagnostics and client awareness has improved success in managing ophthalmic disease. The results of cataract surgery are more successful with Phacoemulsification, earlier surgical intervention (immature stage best), controlling lens induced uveitis, placement of an intraocular lens, smaller absorbable sutures, more frequent and longer term follow up, improved means of selecting patients (electroretinogram and ocular ultrasound) and owner compliance.

The future of veterinary surgery lies in the integration of robotic assisted surgery, 3D printing, and artificial intelligence, which will further enhance surgical precision, improve patient outcomes, and expand treatment options for animals. By staying informed about these emerging trends, veterinary surgeons can continue to deliver high-quality surgical care to their patients and contribute to the advancement of the field. The present winter school is designed to provide an overview of the emerging trends in the Veterinary Surgery and Radiology and set the stage for exploring key research areas that drive emerging trends in the field.

About Host Institute



Rajasthan University of Veterinary and Animal Sciences (RAJUVAS), Bikaner, was established in 2010 and presently it has 03 constituent Veterinary colleges at Bikaner, Jaipur, and Udaipur. University has 16 Pashu Vigyan Kendras (PVK) and one ICAR-funded Krishi Vigyan Kendra. Through these PVKs and KVK, University has its outreach to majority of farmers and livestock owners of the State for extension activities and capacity building in the agriculture and animal husbandry sectors. University is maintaining the "Heritage Gene Bank" of six native cattle breeds and two native breeds of goats through its nine "Livestock Research Stations".

College of Veterinary and Animal Science (CVAS), Bikaner is one of the oldest Veterinary Colleges in India which started in the heritage royal palatial buildings (Ganga Avenue) of the erstwhile princely state of Bikaner near Lalgarh Palace way back in 1954. The College is spread over almost 200 hectares of land under RAJUVAS. This year, CVAS, Bikaner has celebrated its Platinum Jubilee Year.

Great legacy has been with the Department of Surgery and Radiology, Bikaner since its inception. Prof. Dr. Ratan Singh, started the first experimental surgery in live animals in India in this department. This department also has the international recognition for exemplary innovations in Camel Surgery. The strong features of the Department are Diagnostic Imaging unit with CT scan, 1000 mA Digital Radiography Unit, High End Ultrasonography unit, Super specialty block with Laparoscopic surgery unit, LASER surgery unit, Orthopaedics unit, Ophthalmology unit and Dentistry Units. The Department is running a prestigious ICAR funded AINP-DIMSCA project since 2014.



Eligibility

Assistant Professor and above / Scientist / Researcher working at Central / State Government SAUs / KVK / CAU / Veterinary Universities may apply for this Winter School. The course will be of interest for persons working in discipline of Veterinary Surgery and Radiology, Veterinary Medicine, Veterinary Gynaecology and Obstetrics, Veterinary Anatomy or any relevant disciplines. A total of 25 candidates shall be selected for the course based on the eligibility criteria as per ICAR guidelines. The selected candidates shall be intimated regarding their selection for Winter school on or before December 28, 2024 either via CBP Portal, email or telephonically. The candidates must confirm their participation in the course positively by December 30, 2024.

How to Apply

Eligible and interested candidates may submit their application form in the prescribed proforma online through Capacity Building Programme (CBP) portal of Indian Council of Agricultural Research (<http://cbp.icar.gov.in>). The registration fee of Rs.50/- (Non-refundable) to be paid as postal order in favour of "PI AINP on DIMSCA" (Account No. 669701700377), ICICI Bank, Branch: CVAS, Bikaner, IFSC Code: ICIC0006697. The scanned copy of the complete application form duly signed by competent authority should be uploaded on the CBP portal (<http://cbp.icar.gov.in>) and sent via e-mail to drpbishnoi29@gmail.com latest by 28 December, 2024. In case of any difficulty in applying online using CBP portal, the participants are advised to contact the Course Director or Course Co-directors.

Travel & Accommodation

The travel expenses, including to and fro journey by the shortest route as per the class of travel, maximum restricted to AC-II tier fare by mail/express train, excluding dynamic fare will be reimbursed on production of original tickets. The participants are advised to make their travel reservations well in advance after confirmation. Accommodation on sharing basis will be available in the institute. The participants are not allowed accompanying persons. The boarding and lodging for the training participants will be provided free of cost from the ICAR funds as per the norms and operational guidelines for organization of the summer/winter school of ICAR.

Assessment & Certificate

After completion of the course, the participants will be evaluated with an objective to assess how far the training programme succeeded in reaching up to the participants to enhance their competence on various techniques covered. The participants will be presented with a certificate on completion of the Winter School