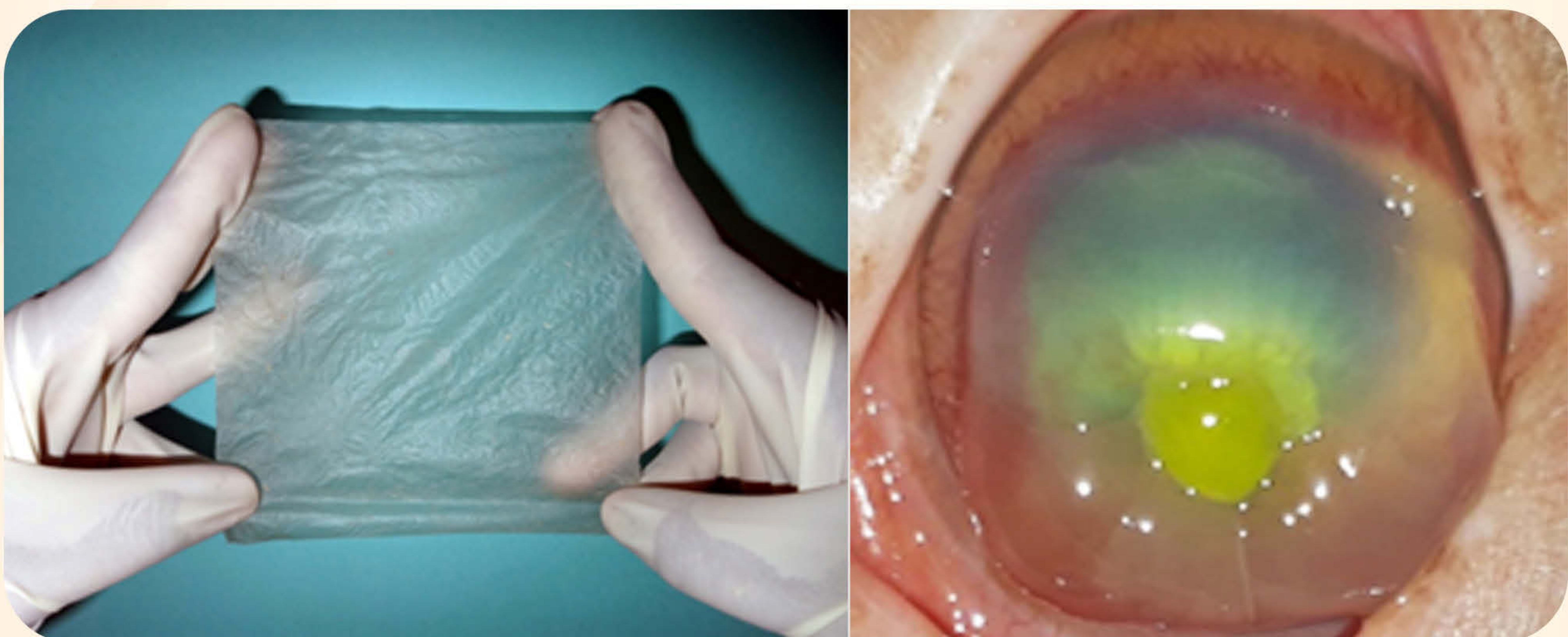




**ICAR Sponsored Short Course**  
**on**  
**Animal-derived biomaterials and regenerative medicine**  
**approaches: Development, characterization and veterinary**  
**clinical applications**  
**3<sup>rd</sup> to 12<sup>th</sup> February, 2026**



**Sponsored by:**  
**Agricultural Education Division**  
**Indian Council of Agricultural Research**

**Organised by:**  
**Department of Livestock Products Technology & Meat Technology Unit,**  
**CVAS Mannuthy, Thrissur, Kerala - 680 651**  
**Academic Staff College, Mannuthy**  
**KERALA VETERINARY & ANIMAL SCIENCES UNIVERSITY**

**For Registration: email at: [kvasusc2026@gmail.com](mailto:kvasusc2026@gmail.com)**

**Last date of application : 5 January, 2026**  
**Notification of selection : 10 January, 2026**





## ABOUT THE COURSE

This ICAR sponsored short course on **“Animal-derived biomaterials and regenerative medicine approaches: Development, characterisation and veterinary clinical applications”** is designed to equip veterinary clinicians, academicians and researchers with cutting-edge knowledge and practical skills in the fast-evolving field of biomaterials. Scheduled from **3 to 12 February 2026** at the Department of Livestock Products Technology and Meat Technology Unit, College of Veterinary and Animal Sciences, Mannuthy, the programme covers the complete value chain of animal-derived biomaterials from sourcing and processing of tissues to their translational use in veterinary clinical practice. Emphasis will be placed on decellularisation strategies, scaffold fabrication, cross linking, sterilisation, biocompatibility assessment and the role of immune and tissue responses in successful regeneration.

The course integrates theory sessions, laboratory practicals and clinical demonstrations on ECM scaffolds from bovine and porcine tissues, hydrogels and organogels, fish-derived biomaterials, platelet rich plasma and stem cell based approaches for wound healing, orthopaedic, ophthalmic, cardiology and muscle regenerative applications. Participants will be exposed to histological and electron microscopic evaluation, in vitro and in vivo biocompatibility testing, laboratory animal models and the regulatory framework for biomaterial testing and marketing. Led by a multidisciplinary team of experts from KVASU, collaborating institutes and industry, the programme offers an excellent platform for participants to upgrade their competencies, initiate collaborative research and translate biomaterial technologies into routine veterinary practice.



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**Kerala Veterinary and Animal Sciences University (KVASU)** is one of the youngest veterinary universities in India and has established itself as a premier knowledge hub of Veterinary and Animal Sciences of the country. Meat Technology Unit was established in 1992 as first of its kind in India with infrastructure facilities like **ISO 22000:2018 certified multispecies abattoir**, well equipped quality control labs, **carcass utilization plant** for the dry rendering of inedible by products and poultry waste and **Gamma Chamber 5000** for irradiation of meat. In 1994, the Department of Livestock Products Technology started offering UG courses as per the VCI curriculum.

The department's Human Resource Development programmes and significant research initiatives have yielded valuable outcomes for the Indian meat industry. This pioneering work led to the ICAR recognising the unit as a Centre of Excellence in Meat Science and Technology in 2001, a first among Indian veterinary universities. Subsequently, the department initiated MVSc and PhD programmes in 2004 and 2011, respectively. Moreover, the department achieved ISO 22000:2018 certification for beef processing, a notable achievement for a government university department in India. The overarching vision of MTU is to become a global hub for training and knowledge dissemination in meat science and technology, guided by a comprehensive mandate encompassing teaching, research, extension, training, entrepreneurship development, meat and meat products marketing and by-products utilisation. The unit operates on a commercial scale, with annual meat production reaching around 70 tonnes and generating revenue of more than Rs. 2.60 crores.

### ICAR Sponsored Short Course on

Animal-derived biomaterials and regenerative medicine approaches:  
Development, characterization and veterinary clinical applications







## ELIGIBILITY

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Candidates working in the capacity of Scientists, Assistant Professors or in equivalent positions and above in the National Agriculture Research System (NARS) including ICAR Institutes /SAUs / SVUs/ CAUs, actively engaged in research, teaching, or extension activities are eligible to participate in the short course training. The total number of participants will be limited to 25.

## DURATION OF SHORT COURSE

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Duration of short course training is 10 days from 3<sup>rd</sup> February 2026 to 12<sup>th</sup> February 2026. The participants are expected to arrive at the College of Veterinary and Animal Sciences, Mannuthy by the evening of 2<sup>nd</sup> February 2026 and may leave after 17.00 hrs on 12<sup>th</sup> February 2026.

## APPLICATION AND REGISTRATION

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### Registration fee

- Registration fee Rs. 50/- (fifty rupees only).

### Online payment

Pay the registration fee through any online bank transfer method (NEFT / IMPS / UPI) using the following bank details:

- Bank name: State Bank of India
- Branch: Ollukkara
- Account number: 67209581253
- IFSC code: SBIN0070210
- Name of account holder: Professor & Head, Meat Technology Unit, Mannuthy

Save the payment proof or receipt (screenshot or PDF format).

### Email submission

- i. Scanned copy of the approved application form (PDF)
- ii. Payment proof or receipt (PDF or image)

Review the information carefully then send the application and payment proof to:

Email: [kvasusc2026@gmail.com](mailto:kvasusc2026@gmail.com)

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**3<sup>rd</sup> to 12<sup>th</sup> February, 2026**





## LOCATION AND CLIMATE

The College of Veterinary and Animal Sciences and Meat Technology Unit are located at Mannuthy on the outskirts of Thrissur city in central Kerala and are well connected by air, rail and road. Participants arriving by train or bus can alight at Thrissur Railway Station or the Thrissur KSRTC Bus Station. From there taxis, auto rickshaws and city buses are easily available to reach the Mannuthy campus which is about 7 km away. For air travel, the nearest major airport is Cochin International Airport at Nedumbassery located about 55 km from Thrissur with regular taxi and bus services to the city.

## BOARDING, LODGING AND TA

Complimentary accommodation on shared basis and meals at our University Guest House will be provided. Please note that due to limited capacity, we cannot accommodate family members. During February, Thrissur experiences a warm and generally pleasant tropical climate that is suitable for academic activities and short local visits. Daytime temperatures usually range between 28°C and 33°C with moderate humidity while evenings and early mornings are comparatively cooler at around 22°C to 24°C. Light cotton clothing and comfortable footwear are recommended. Carrying an umbrella or light rain protection is also advisable due to the possibility of occasional showers.

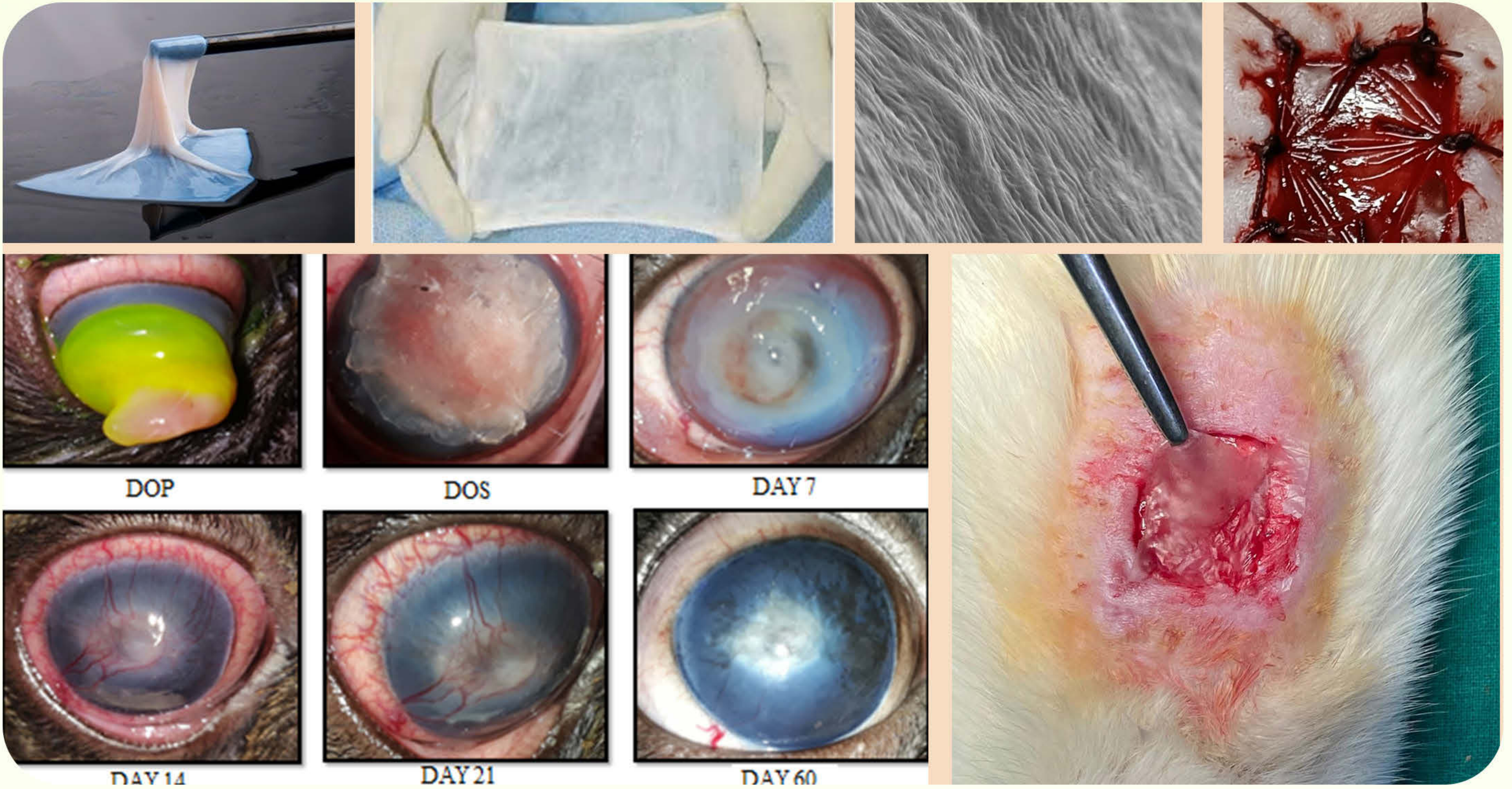
All participants will be reimbursed to and fro travel fare for the journey to Thrissur by rail or bus via the shortest route. Reimbursement will be made as per the entitled class of travel and will be limited to a maximum of AC II tier train fare or actual bus fare. Participants must produce the original bus or train tickets for reimbursement. Air fare will not be reimbursed and no DA will be paid. Tickets should be booked only through IRCTC, otherwise they will not be accepted for reimbursement. Local participants who can commute daily are not eligible for boarding and lodging, however they will be provided lunch and inter session tea.



Animal-derived biomaterials and regenerative medicine approaches....

**3<sup>rd</sup> to 12<sup>th</sup> February, 2026**





## IMPORTANT DATES

Last date of application : 5 January, 2026

Notification of selection : 10 January, 2026

### CONTACT FOR DETAILS:

#### Course Director: Dr. V N Vasudevan,

Associate Professor and Head, Department of Livestock Products Technology & Meat Technology Unit, CVAS  
Mannuthy, Thrissur, Kerala - 680651

Kerala Veterinary and Animal Sciences University

Email id: [vasudevan@kvasu.ac.in](mailto:vasudevan@kvasu.ac.in) | Mobile No. 94473 82558

#### Course Coordinators:

Dr. Sathu T., Associate Professor, Email id: [sathu@kvasu.ac.in](mailto:sathu@kvasu.ac.in) / Mob: 94472 93042

Dr. Irshad A., Assistant Professor, Email id: [irshad@kvasu.ac.in](mailto:irshad@kvasu.ac.in) / Mob: 98952 13500

Dr. Silpa Sasi, Assistant Professor, Email id: [silpa.s@kvasu.ac.in](mailto:silpa.s@kvasu.ac.in) / Mob: 81379 58806

Department of Livestock Products Technology & Meat Technology Unit, CVAS Mannuthy, Thrissur, Kerala

### ICAR Sponsored Short Course on

Animal-derived biomaterials and regenerative medicine approaches....

3<sup>rd</sup> to 12<sup>th</sup> February, 2026





# APPLICATION FORM



## ICAR Sponsored Short Course on Animal-derived biomaterials and regenerative medicine approaches: Development, characterization and veterinary clinical applications

3<sup>rd</sup> to 12<sup>th</sup> February, 2026

1. Full Name: .....
2. Designation: .....
3. Discipline: .....
4. Present employer and address: .....
5. Address for correspondence (along with mobile/telephone No. and email)  
.....  
.....
6. Date of Birth: ..... 7. Sex: (Male/Female): .....
8. Teaching/Research/Professional experience .....  
.....  
.....
9. Marital Status: (Married/Unmarried)
10. Online Payment transaction ID. .... for Rs. 50/-  
Dated .....
11. Mention if you have participated in any Research Seminar/ Summer/winter school/ Short Course, etc. during the previous years under ICAR/ Other organization  
.....  
.....  
.....

### 12. Academic Record

Degree	Discipline	Year	University
PhD			
Masters			
Graduation			

Date:

Place:

Signature of Applicant

### Recommendation of the Forwarding Authority

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

Date

Signature of Sponsoring Authority with Seal