



Indian Institute of Science Centre for Continuing Education



Advancing Laboratory Animal Research - Principles, Practices and Perspectives

OBJECTIVE

Introduce Fundamentals & Guidelines ; Understand Health & Genetics ; Master Animal Handling ; Learn Procedural & Surgical Techniques ; Implement Post-Experimental Procedures.

WHO CAN APPLY?

- MSc. Life-Science, MVSc., MBBS (MD-Pharmacology), PhD (Life-Science), M.Tech (Material Engineering, Bioengineering)
- Prerequisites (if any): Requesting a letter from PI stating how the training is relevant to participants
- All the participants have to bring a certificate from their HOD justifying why this training is relevant for them

WHO CAN BENEFIT?

- Preclinical pharmacologists, toxicologists, in vivo research scholars, and postdoctoral fellows in life sciences seeking practical mastery over live-animal protocols.
- Biomedical and biomaterials research engineers validating tissue scaffolds and delivery devices in vivo, translational medical residents (MDs) conducting disease modeling.
- Veterinary officers or animal facility managers/technicians responsible for regulatory compliance, bio-surveillance, and standardized animal welfare in experimental laboratories.



COURSE COORDINATOR

Dr. Balaji Jayaprakash

Chair, Central Animal Facility (CAF)
Indian Institute of Science (IISc),
Bengaluru

CURRICULUM

Theory: Introduction of lab animal experimentation, Guidelines for lab animal experimentation, Requirements in a modern animal facility, Different restraining methods, Gender identification of lab animals, Genotyping and sample collection, Health monitoring and major zoonotic diseases, Practicals: Basics of laboratory animal handling and restraint, Routes of drug administration, Methods of blood collection, Perfusion, Basics of anesthesia of lab animals, Methods of humane euthanasia, Necropsy and sample collection of lab animals.



Course Fee: ₹1,000

GST: 18%

Total Fee: ₹1,180 (including GST)

Start Date: 28 Sept 2026

Duration: 28 – 30 Sept 2026

Venue: IISc Bangalore

CONTACT US:

Centre for Continuing Education
Indian Institute of Science, Bengaluru 560 012,
Karnataka, India
Phone: +91 80 2293 2055 / 2491 / 2247
Mail: office.cce@iisc.ac.in

To Apply Scan Here



Registration Link 

<https://cce.iisc.ac.in/registration/accounts/login>