



# THREE-DAYS HANDS-ON WORKSHOP ON IN VITRO TECHNIQUES & LABORATORY ANIMAL HANDLING

Organized by

Department of Biomedical Research,  
KIRND Institute of Research & Development  
Private Limited

5<sup>th</sup> FEB – 7<sup>th</sup> Feb 2026



## About the Workshop

This three-day intensive workshop is designed to provide foundational and practical knowledge in in vitro experimental techniques and laboratory animal handling. The program aims to bridge the gap between theoretical learning and hands-on research skills, with strong emphasis on ethical practices and biosafety.

## Workshop Objectives

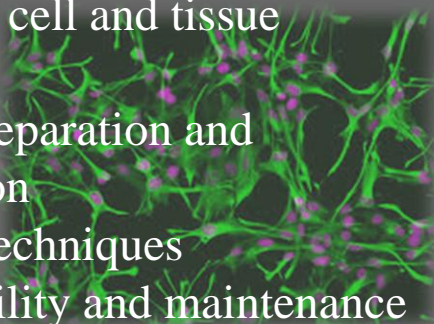
- To introduce participants to in vitro research methodologies
- To develop hands-on skills in cell and tissue culture techniques
- To understand laboratory animal care, handling, and ethics
- To promote safe, humane, and compliant research practices



## Topics Covered

### In Vitro Techniques

- Basics of cell and tissue culture
- Media preparation and sterilization
- Aseptic techniques
- Cell viability and maintenance
- Applications in biomedical research



### Laboratory Animal Handling

- Introduction to laboratory animals (rats/mice/rabbits – as applicable)
- Animal housing and care
- Handling and restraint techniques
- Dose administration routes
- Anesthesia and euthanasia (overview)
- CPCSEA / Institutional ethical guidelines

Click here for Registration :

<https://docs.google.com/forms/d/e/1FAIpQLScmUioH10pETJmAUwnV2jEnONt56zORvAxCK57vP21odxQ3Zw/viewform?usp=dialog>

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### Fee:

PG: ₹ 2,000

Research Scholars: ₹ 2,500

Industry/Faculty: ₹3,000

### Venue:

KIRND Institute of Research &  
Development Pvt. Ltd.



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