

Topic	Speakers To be announced
Registration	
Brief Introduction, Grouping, Task	
Introduction to Laboratory Animal Science Animal Welfare and ethics	
Legislation in India - On Lab Animal Science & Experimentation	
Lunch Break	
Practical Training: Handling and Restraining of Mice, Rat, Guinea Pig and Rabbit.	
Practical Training: Handling, Sexing and Restraining of Mice, Rat, Guinea Pig and Rabbit.	
Anatomy of lab Animal	
General Biology of Lab Animals	
Tea Break	
Nutrition of Laboratory Animals	
Animal Facility: Design, Management	
Lunch Break	
Practical Training: Handling and Restraining of Mice, Rat, Guinea Pig and Rabbit.	
Practical: Animal Husbandry, Care and Enrichment Practices	
Genetics and Nomenclature	

Topic	Speakers To be announced
Arrive and Prepare guidelines	
Tea Break	
AAALAC International Standards and accreditation Process	
Effective Health Monitoring, Diseases and Pathology	
Lunch Break	
Practical: Demonstration of experimental techniques: Collection of body fluids and Injection techniques	
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Recognition of pain, distress, and humane endpoints.	
Anesthesia, Peri-operative care and analgesia	
Tea Break	
Humane Methods of Killing -Euthanasia in Laboratory Animals	
Regulatory requirement and accreditation of animal facilities - GLP	
Rodent Necropsy for data generation	
Lunch Break	
Practical: Basics of Rodent Anaesthesia, Surgery and Peri-Op Care, Hands-on Assessment, (Practical Group Demo)	
Practical: Demonstration of experimental techniques: Suturing	

Topic	Speakers To be announced
Ethics, Animal Welfare and the Three Rs	
Laboratory animal import, breeding strategies and supply for experiments. "	
Tea Break	
Occupational Health and Safety	
"Good welfare makes good science"	
Lunch Break	
Practical: Basics of Rodent Anaesthesia, Surgery and Peri-Op Care, Hands-on Assessment, (Practical Group Demo)	
Practical: Advanced Anaesthesia for Surgical and Prolonged Procedures	
Principles of Animal Experiment Design and statistics (Methods of Calculation of Sample Size in Animal Study Designing: Pilot Study or, Power Analysis)	
Alternatives to Animal Experiments	
Tea Break	
Breeding strategies and supply for experiments.	
Practical: From B, Experimental Design and Data Analysis	
Lunch Break	
Practical: Regulatory Guidelines & project writing	
Practical: Design of procedures and projects	

Topic	Speakers To be announced
Biosafety & Biosecurity in Animal House	
Practical: Presentation of protocols (Mock IAEC)	
Tea Break	
Examination	
Lunch Break	
Valedictory function and Certificate Distribution	
High Tea & Farewell	