



श्री चित्रा तिरुनाल आयुर्वेदान और प्रौद्योगिकी संस्थान, तिरुवनन्तपुरम- 11, केरल
**Sree Chitra Tirunal Institute for Medical Sciences and Technology, Thiruvananthapuram-
11, Kerala**

(भारत सरकार के अधीन राष्ट्रीय महत्त्व का संस्था)

(An Institution of National Importance under Government of India)

दूरभाष सं. Telephone No. 0471-2443152 फाक्स/Fax 0471-24464332550728

ई-मेल/E-mail :sct@sctimst.ac.in वेबसाइट/ Website : www.sctimst.ac.in

Training course on Animal Models in Biomaterial and Medical Device Development August 3rd to 7th 2026

Anesthesia, Analgesia, General Surgery and Techniques- Rodent and Rabbits Hands-on Training

Module 1- Day One and Two (1.5 Days) for **Veterinarians and Non-Veterinarians- Fee INR 2500/- + applicable GST (Maximum seats 20)**

1. Handling of rodents and rabbits and theory on basic behavior, anatomy and physiology
2. Assessment of Pain in rodents
3. Analgesia in rodents
4. Blood collection and substance administration via various routes.
5. Overview on basic behavioral tests in rodents

***Module 2**

Day Two and Three (Day 1.5 onwards until end of day 3) **Veterinarians Only (Max seats 20) (INR 5000/- + applicable GST)**

1. Basics of Anaesthesia and analgesia- Practical orientation and work outs
2. Suturing in dummies- Teaching and practice
3. Basics of rodent general surgery and surgical animal models
4. Practical training- Laparotomy, Ovariectomy and Splenectomy in rodents
5. Post-operative care and recovery

(* Veterinarians who have no previous hands on experience should attend Module 1 prior to attending Module 2)

Module 3

Days Four and Five **Veterinarians Only (Max seats 10) (INR 3000+ Applicable GST)**

Rabbit procedures- Demonstration only

1. Anaesthesia and endotracheal intubation
2. Mechanical Ventilation
3. Arterial cannulation and Blood Gas analysis
4. Acquiring and analysis of physiological parameters such as ECG and invasive blood pressure using AD Instruments Power lab and Lab Chart software.
5. Cannulation of carotid artery and placement of vascular access device
6. Arterial catheterisation and angiography under fluoroscopic guidance
7. Iliac arterial stenting
8. Recovery and postoperative care

Venue- Division of Laboratory Animal Science and Division of in vivo Models and Testing, Biomedical Technology Wing, Satelmond Palace, Sree Chitra Tirunal Institute for Medical Sciences and Technology, Poojappura- 695012.

Link to Apply- <https://forms.gle/bVCf9T8mc8AJ3pge7> (Applicants will be shortlisted and intimated for payment of Fee).

For any further queries, contact the course coordinator harikrishnan@sctimst.ac.in.