

**National Workshop on Ethics, Selection, Handling
and Immunization of Laboratory Small Animals**

07th to 09th March 2019

REGISTRATION FORM

1. Name :
2. Designation :
3. Participant Category :
(Student/ Faculty/Industry person)
4. Name of the Institution/Organization:
5. Address for Correspondence:
6. Telephone No:
7. E-mail ID:
8. Academic Qualifications:
9. Experience (in years):
(Teaching / Research / Industry)
10. Registration fee:

Demand draft No:

Date:

Declaration:

I agree to abide by the rules and regulations of the course.

Signature:

BONAFIDE CERTIFICATE

Dr./Mr./Ms. _____ is a bonafide staff/student of _____. She/he is permitted to attend the “**National Workshop on Ethics, Selection, Handling and Immunization of Laboratory Small animals**” from 07th to 09th March 2019 at SVCE, Pennalur, Sriperumbudur Tk, Tamil Nadu - 602 117.

Date:

Signature

(Designation & Seal)

REGISTRATION FEE

- Students: Rs. 750/-
- Faculty : Rs. 1000/-
- Industry personnel: Rs. 2000/-

Participants are requested to register with DD in favor of “**The Principal, SVCE**” payable at **Indian Bank, Sriperumbudur**. Individuals are requested to register on or before 1st March 2019. Filled in registration forms along with the bonafide certificate should be emailed to nwbt2019@svce.ac.in or send by post to the below mailing address on or before 1st March 2019. The number of participants for the workshop is limited to 40. Therefore, advance registration is highly recommended.

MAILING ADDRESS

Dr. S. Prabhu

Scientist In-charge of Animal House Facility

Member Secretary- IAEC-SVCE

Associate Professor

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Sri Venkateswara College of Engineering

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**SRI VENKATESWARA
COLLEGE OF ENGINEERING**



An Autonomous Institution

Affiliated to Anna University, Chennai

An ISO 9001: 2008 Certified Institution

Accredited by NBA, New Delhi

**National Workshop on Ethics, Selection,
Handling and Immunization of Laboratory
Small Animals**

07th to 09th March 2019

Conveners

Prof. M. Sivanandham

Prof. E. Nakkeeran

Organizing Secretary

Dr. S. Prabhu

Coordinators

Mr. J. Hariharan

Mr. D. Suresh Kumar

Organized

By

Department of Biotechnology

Sri Venkateswara College of Engineering

Pennalur, Sriperumbudur Tk-602117,

Tamil Nadu, India

<http://www.svce.ac.in>

ABOUT THE INSTITUTION

Sri Venkateswara College of Engineering (SVCE), one of the premier technical Autonomous institution in Tamilnadu, was established in 1985. The College is situated on the Chennai – Bengaluru National Highway (NH4) about 37 km south-west of Chennai. The college offers 10 UG programmes and 10 PG programmes. The National Board of Accreditation accredited many of the eligible programmes, and SVCE is an ISO 9001:2008 certified institution.

DEPARTMENT OF BIOTECHNOLOGY

Sri Venkateswara College of Engineering noted the recent growth in Modern Industrial Biotechnology. In order to support the growth in biotechnology, SVCE started the Department of Biotechnology in 2005 under the guidance of our Chairman Dr. A.C. Muthiah, a well-known Industrialist who understands the strength of Industrial Biotechnology. The Department offers B.Tech and M.Tech Biotechnology programme under Anna University, Chennai, approved by AICTE. It is also approved as a Research Center in Biotechnology for MS (by Research) and Ph.D. programmes by Anna University, Chennai. The Department has well established laboratory facilities namely Genetic engineering, Bioprocess Engineering, Research Lab, Immunology Lab, Biochemistry Lab, Microbiology Lab and Plant Tissue culture Lab.

ANIMAL HOUSE FACILITY

Our institution animal house facility is well established and registered under CPCSEA- New

Delhi and it is recognized under Research Education purpose on Small animals. The CPCSEA- New Delhi approval number is 1398/PO/Re/S/10/CPCSEA for Research Education. Similarly, the Institutional Animal Ethical Committee (IAEC) of SVCE is periodically monitoring the functions of animal house facility. This workshop is approved by IACE- SVCE. The Protocol No is 3a/2018-19.

PROGRAMME OBJECTIVES

Animal research has a vital role in many scientific and medical advances of the past century and continues to aid our understanding of various diseases. Throughout the world, people enjoy a better quality of life because of these advances, and the subsequent development of new medicines and treatments all made possible by animal research. Animal experimentation, animal research and *in vivo* testing are always carried out in the natural environments. Experimental research with animals is usually conducted in Universities, Medical institutions, Research industries, Pharmaceutical companies and Defence establishments. Many of them focus on answering some questions on hypothetical research and finding a cure for many degenerative diseases like cancer, myocardial infarction, atherosclerosis, diabetic and alzheimer disease. However, the knowledge on experimentation involving small animals by the students and research scholars on these issues is limited. Therefore, keeping in view of the

educational and research need, this workshop is focused to impart ethical knowledge in the field of research on laboratory small animals such as mice, rat and rabbits through series of hands-on-sessions. Through this workshop, the participants will be able to handle small animals and do small animal experiments on ethical base and interact with the experts in the related field.

WORKSHOP CONTENT

Major areas of Workshop include:

1. Ethics, Selection and Handling of Laboratory small animals
2. Maintenance of Mice, Rat and Rabbit in the Animal House
3. Routes of Immunization in small animals for raising the antisera
4. Ethical procedure for Bleeding of Laboratory Small animals for production of polyclonal antibodies

VENUE AND DURATION

This Three days Workshop is organized at Sri Venkateswara College of Engineering, Pennalur, Sriperumbudur Tk, Tamil Nadu, India, from 07th to 09th March 2019.

TRANSPORTATION FACILITY

The participants can avail the SVCE bus facility from and to the city to attend this workshop. Refer www.svce.ac.in for bus route details.

ACCOMMODATION

Participants are requested to make their own arrangements in nearby hotels of Sriperumbudur or Poonamallee towns located adjacent to the college.

Activity Report/Abstract/Summary Report
National Workshop on Ethics, Selection, Handling and Immunization of Laboratory Small animals
conducted from 7th to 9th March 2019

The Department of Biotechnology, Sri Venkateswara College of Engineering (SVCE), Pennalur, Sriperumbudur- Tamilnadu- 602117 conducted the 'National Workshop on **"Ethics, Selection, Handling and Immunization of Laboratory Small animals"** from 7th to 9th March, 2019. Nearly 88 external Participants from various colleges of Tamil Nadu registered for the workshop with great enthusiasm. On first day of the event (07/03/2019) the workshop was started with a prayer song followed by welcome address by Head of the Department of Biotechnology, Dr. E. Nakkeeran. The programme was further preceded by the chief patron address by Prof. M. Sivanandham, Secretray, Sri Venkateswara Educational and Health Trust, Chennai and patron's address by Dr. K. R. Santha, Vice Principal, and Sri Venkateswara College of Engineering. Then the Chief Guest Prof. P. Tensingh Gnanaraj, Registrar, Tamilnadu Veterinary and Animal Sciences University, delivered an Inaugural Address. In his speech he narrated about the importance of research investigation in small animals and ethical basis to be followed for such experiments. Then they appreciated the effort made by the department in conducting this event for the development of young researchers, and faculty members for the benefit of society.

On the same day, two technical talks were given by guest speakers Viz., Prof. P. Kumaraswamy, Controller of Examinations, Tamilnadu Veterinary and Animal Science University, Madhavarm Milk Colony, Chennai-51 on "Immunization and Monoclonal Antibody Production" and Dr. A. Yasotha, Assistant Professor, Department of Live Stock Production, Madras Veterinary College, Vepery, Chennai- 7 on "Maintenance of Laboratory small animals". Three parallel Hands on Sessions on Ethical selection of mice, rats & rabbits were trained by Laboratory small animal handling faculty members, Dr. R.B. Narayanan, Professor, Dr. S. Prabhu, Associate Professor and Mr. J. Hariharan, Assistant Professor of Department of Biotechnology, SVCE.

On the Second day of the event, 8th March, 2019 the programme was started with two technical talks, one by Dr. P.C. Prabhu, Assistant Professor Department of Veterinary Pathology, Madras Veterinary College, Vepery, Chennai- 7 on "Handling of Laboratory Small Animals" and another talk by Mr. D. Shegar, Honourable Animal Welfare Officer, Animal Welfare Board of India Ballabgarh Bear, New Delhi, India on "Welfare on Animal Care". During the afternoon session of the day, the participants were trained to handle the animals such as Mice, Rat and Rabbit by animal handling faculty members, Dr. R.B. Narayanan, Professor, Dr. S. Prabhu, Associate Professor and Mr. J. Hariharan, Assistant Professor of Department of Biotechnology, SVCE.

On 9th March, 2019, the final day of the workshop, the day was started with a technical talk by Dr. P. Sriram, Professor and Head, Department of Veterinary Pharmacology and Toxicology, Madras Veterinary College, Madras Veterinary College, Vepery, Chennai- 7 on "Pharmacological and



Prof. P. Kumaraswamy, Controller of Examinations, Tamilnadu Veterinary and Animal Science University, Madhavarm Milk Colony, Chennai delivered lecture during National Workshop on Ethics, Selection, Handling and Immunization of Laboratory Small Animals

Toxicological Studies in Laboratory Small animals". Then the second talk was given by Dr. T. Sarath, Assistant Professor, Department of Animal Reproduction, Gynaecology and Obstetrics, Madras Veterinary College, Vepery, Chennai- 7 on "Ethical Breeding of laboratory small animals". During afternoon session of the day, the Hands on Sessions were conducted by faculty members Dr. R.B. Narayanan, Professor, Dr. S. Prabhu, Associate Professor and Mr. J. Hariharan, Assistant Professor of Department of Biotechnology, SVCE on "Immunization of Mice, Rat and Rabbit". At the end of the day, the valedictory Function was started with introduction of Chief guest by Mr. J. Hariharan, Coordinator of the event. The Chief Guest, Dr. A.Ramesh, Ph.D.,D.Sc., Director & Member - Test Facility Management, International Institute of Biotechnology and Toxicology, Padappai, Kancheepuram District, Tamil Nadu, India insisted the participants to treat the laboratory small animals in an ethical manner.

Feedback on outcome of workshop was received from the participants both orally and through feedback form. Ninety percent (90%) of the participants gave a positive feedback for proper organization of three day workshop and said that they learned how to handle the laboratory small animals and how to immunize them for the production of polyclonal antibodies. They also satisfied with a nominal registration fee. They appreciated the effort made by the workshop organizing team and the department. Similarly, Dr. S. Ganesh vaidyanathan, Principal, SVCE appreciated the effort made by the workshop organizing team and the department for successfully conducting the workshop. Finally the certificate was distributed to the participants by the Chief Guest followed by Vote of Thanks by Dr. S. Prabhu, the organizing secretary of the workshop. He thanked the College Management, Dr. M. Sivanandham, Secretary-SVEHT, Dr. S. Ganesh Vaidyanathan, Principal-SVCE, HOD-Biotechnology, Guest Speakers, faculty members, participants from various colleges and student volunteers. Finally the program was ended with National Anthem.

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