

One Day National Conference on  
“Tackling Tomorrow’s Threats:  
Emerging Infectious Diseases,  
Drug Development, and  
Global Health Innovations”

Agenda

8.00am-9.30am: Registration  
9.30am-10.15am: Inauguration  
10.15am-10.30am: Refreshment  
10.30am-11.45am: Technical session 1  
11.45am-12.45pm: Paper Presentation  
12.45pm-1.30pm: Lunch  
1.30pm-2.00pm: Poster Presentation  
2.00pm-3.45pm- Technical session 2  
3.45pm-4.30pm- Valedictory function  
Certificate distribution &  
Vote of thanks

Scan to Register



Chief Patrons

**Shri. N.V.Natarajan**  
Chairman,  
Paavai Educational Institutions

**Smt. Mangai Natarajan**  
Correspondent,  
Paavai Educational Institutions

Patrons

**Dr. K. K. Ramasamy**  
Director- Admin  
Paavai Educational Institutions, Namakkal

**Dr. M. Premkumar**  
Principal, Paavai Engineering College, Namakkal

Convenors

**Dr. R. Praveen Cumar**  
Professor and Head, Department of Pharmaceutical Technology

**Dr. H. Harikrishnan**  
Associate Professor, Department of Pharmaceutical Technology

Co- Convenors

**Mr. M. G. Karthih**  
Assistant Professor/ Pharmaceutical Technology

**Dr. M. Masilamani Selvam**  
Professor, Department of Pharmaceutical Technology

Organizing Committee

**Dr. B. Dhevahi, Dr. S. Parthasarathi,  
Mr. G. Adaikala Selvan, Ms. S. Ilakya,  
B. Tech Pharmaceutical Technology Students,  
Teaching & Non-teaching Staff  
Paavai Engineering College.**



**PAAVAI**  
**ENGINEERING COLLEGE**

(An Autonomous Institution)

Approved by AICTE | Affiliated to Anna University, Chennai

One Day National Conference on  
“Tackling Tomorrow’s Threats:  
Emerging Infectious Diseases,  
Drug Development, and  
Global Health Innovations”

**TEIDGHI '25**

on Tuesday  
25<sup>th</sup> March 2025, 9.00 a.m to 5.00 p.m  
Prestige Hall, Paavai Engineering College

Organized by  
Department of Pharmaceutical Technology  
Paavai Engineering College (Autonomous)

## Greetings From Paavai

### About the Institution

Paavai Engineering College (Autonomous) was established in 2001 at Namakkal, Tamil Nadu, India. It is affiliated to Anna University, approved by AICTE and part of the Paavai Institutions. It is accredited by the National Board of Accreditation. There are 21 undergraduate departments, granting Bachelor of Engineering degrees and 5 post-graduate programmes. Among these, five courses are accredited by the National Board of Accreditation, Postgraduate courses, granting ME are taught in Computer Science, Engineering Design, Power Electronics & Drivers and VLSI Design. PEC also grants degrees for Master of Computer Application and Master of Business Administration. Major features include Microsoft Innovation center, Infosys Campus Connect, Cambridge ESOL Examination Center, Spoken Tutorial, QEEE Center, Paavai Moodle.

### About the Department

Department of Pharmaceutical Technology was established in the year 2018. It explores the subject of manufacture of pharmaceuticals and drugs, chemical engineering and computation. The courses are designed to impart knowledge on various aspects of drug design, development, testing, and safe and effective use of drugs/medicines including drug delivery systems. The laboratories are well equipped with various sophisticated machinery required for imparting knowledge to the students regarding various formulations, processing and testing equipment used in the manufacturing of pharmaceutical dosage forms like tablets, capsules, liquids, semi-solids, parenteral and novel drug delivery systems.

### Objectives:

The conference titled "Tackling Tomorrow's Threats: Emerging Infectious Diseases, Drug Development, and Global Health Innovations" aims to address the growing challenges posed by infectious diseases, drug resistance and global health disparities. As the world faces an increasing number of emerging pathogens, advancements in drug discovery and development, clinical trials, and antimicrobial resistance (AMR), this conference seeks to explore innovative solutions for prevention, diagnosis, and

explore innovative solutions for prevention, diagnosis, and treatment that can help mitigate these evolving threats. This will contribute to building a more resilient global health system, one that is better prepared for future health crises, and able to address the root causes of health disparities. By advancing scientific research, and technological innovation, the conference aims to foster a collaborative, informed, and forward-thinking approach to tackling tomorrow's health threats.

### Beneficiaries

Graduate, post-graduate students, Research Scholars and faculty members of Lifesciences and Pharmaceutical stream

### Guest Speakers

- Dr. Indranil Chattopadhyay, Assistant Professor, Department of Biotechnology, Central University of Tamil Nadu, Thiruvavur, Tamil Nadu
- Dr. Arumugam Muruganandam, Managing Director & Chief Scientific Officer, Affigenix Biosolutions Pvt Ltd, Bangalore, Karnataka

### National Advisory Committee

- Dr.A. Puratchikody, Professor, Department of Pharmaceutical Technology, Anna University BIT Campus, Trichy, Tamil Nadu
- Dr.M. Swami Vel Manickam, Associate Professor, Department of Pharmacy, Annamalai University, Tamil Nadu
- Dr. Krupakar Parthasarathy, Scientist E/ Associate Professor, Centre for Drug Discovery and Development, Sathyabama University, Chennai, Tamil Nadu
- Dr.S. Latha, Associate Professor, Department of Pharmaceutical Technology, Anna University BIT Campus, Trichy, Tamil Nadu

### Paper Presentation

Students and Research Scholars are invited for oral/poster presentations under the following themes. Drug discovery & Development, Infectious Diseases Anti-Microbial Resistance, Pharmaceuticals & Pharmacognosy, Biotechnology & Molecular Biology Nanotechnology in drug delivery, Bioinformatics Artificial Intelligence, Drug Delivery and Pharmacovigilance, Healthcare

Authors have to send one page abstract with title, author details along with registration form to the Convenor on or before 17/03/2025 by

**Email:** [nexgenpharmapec@gmail.com](mailto:nexgenpharmapec@gmail.com).

The accepted abstracts will be intimated through email.

### Registration fee

Students: Rs.500; Faculty, Industry delegates & Research Scholars: Rs.700

The Registration fee includes refreshments, Conference proceedings and registration kit. The fees can be paid as along with the registration form should be sent to the Convenor on or before 17/03/2025 to confirm the participation. Payments shall be done to The Principal, A/c No: 520101069986548, IFSC code: UBIN0902021 payable at Union Bank of India, Namakkal.

### Registration Link:

<https://forms.gle/5oyebNyf2GWx2Q2X8>

**Accommodation:** Accommodation may be provided on payment basis in hostel or nearby. It should be intimated on or before 20/03/2025.

### For further details, contact us.

Dr. H. Harikrishnan; Dr. M. Masilamani Selvam, Mr. M. G. Karthih- Ph: 9443958736, R. Swetha, Ph: 9345899338; R. DhanushKumar; R. Kanaga/ Student Coordinators

**Call for Papers:** Academicians, Researchers and Industrialists are invited to submit abstracts on the above-mentioned areas and related topics. Selected papers will be published as Conference proceedings with ISBN Number.

**Guidelines For Paper and Poster:** Font size 12 point in Times New Roman font with 1.5-line spacing throughout. The abstract should be limited to 200 words and should contain titles, name of the authors, affiliation, Email Address. All submitted abstracts will be reviewed according to the standard reviewing procedures. The presentation should have maximum of 15 slides. The size of the Poster should be in A2 size (42cm x 59.4cm) for poster presentation. The acceptance of abstract will be intimated through e-mail.