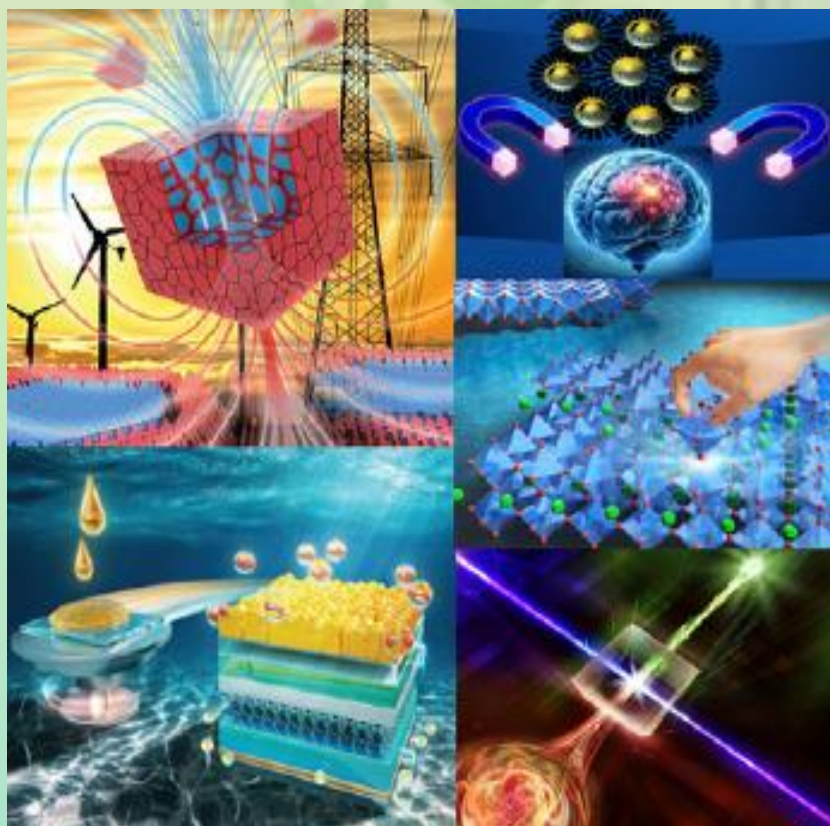


# Industry Academia-Conclave (IAC-2025)

12<sup>th</sup> & 13<sup>th</sup> September 2025



**Organized by**

**Centre for Functional Materials**  
**Vellore institute of Technology**  
**Vellore-632014, Tamil Nadu**

## Vision

- To be locally and globally recognized in cutting-edge research, education and innovation related to functional materials, ultimately catering to the societal needs.

## Mission

- To explore creating most advanced facilities for functional materials research through national and international projects.
- To employ world-class scientists who are experts in the field and address the nation's research challenges.
- To enable the members to carry out high-impact functional materials projects.
- To design and implement research oriental and industry-ready curriculum at the post-graduate level.

## Theme of the Conclave

- Panel discussion and interactive sessions and expert talks
- Journey of functional materials from laboratory to industry
- Significance of IPR at academia/ industry
- Role of Academia/industry in technology transfer and commercialization
- Industry driven academic curriculum
- Ideathon on real time industry problems
- Debate on socio-economic and environmental sustainability and industrialism
- Networking Opportunities
- Exchange of ideas and experiences
- Industry stall/exhibitions
- Consultancy



## About the conclave

- ❑ Gathers UG, PG, Ph.D. Students and industry experts.
- ❑ A platform for collaboration, idea exchange, and breakthrough developments in functional materials.
- ❑ Encourage discussions on the future of functional materials.
- ❑ Industry professionals will share practical insights and discuss future opportunities in relevant technological domains.
- ❑ Real-time interaction with industry professionals.
- ❑ Exposure to industrial, social, and economic challenges.
- ❑ Identification of future avenues and job opportunities.
- ❑ Supports development of new academic programs aligned with industry needs and job opportunities.
- ❑ Supports curriculum innovation through joint input from students, faculty & industry.
- ❑ Feedback from participants will help institutions evolve their curriculum to match emerging job market needs.

## Major Research Facilities

- Pulsed Laser Evaporation
- Electron Beam and Thermal evaporation
- Laser Shock Peening Setup
- Second Harmonic Generator
- Microwave Reactor
- Chemical Vapor Deposition, RF sputtering
- Laser Surface Engineering
- Planetary Ball mill
- Spray pyrolysis
- Electrochemical workstation
- Battery tester



## Chief Patron

Dr. G. Viswanathan, Chancellor

## Patrons

Mr. Sankar Viswanathan, Vice President

Dr. Sekar Viswanathan, Vice President

Dr. G. V. Selvam, Vice president

Dr. Sandhya Pentareddy, Executive Director

Ms. Kadhambari S. Viswanathan, Assistant Vice President

## Co-Patrons

Dr. V. S. Kanchana Bhaaskaran, Vice Chancellor

Dr. Partha Sharathi Mallick, Pro-Vice Chancellor

Dr. T. Jayabharathi, Registrar

## Conveners

Dr. Madhuri W., Professor & Director

Dr. Kaleemulla S., Professor

## Co-conveners

Dr. Palanisami N., Professor

Dr. Ezhil Vizhi R., Professor

Dr. Ramesh M Thamankar, Professor

Dr. Ankur Rastogi, Assistant Professor

Dr. Atul Thakre, Assistant Professor

Dr. Amlan Das, Assistant Professor

## About VIT

Vellore Institute of Technology was founded in 1984 as Vellore Engineering College by the honorable chancellor Dr. G. Viswanathan. The institution has grown steadily since its humble beginning. VIT attracts students from all over India and more than 50+ countries because of its excellence.. Quality in teaching-learning, research and innovation make VIT a unique place to learn. The credentials in academics and research have placed VIT in the 11<sup>th</sup> position among the engineering institutions in India by NIRF, Govt. of India. Material science is ranked among the top 200 in the world (QS World University Rankings by Subject 2025).

## About CFM

The Centre for Functional Materials (CFM) at VIT, Vellore was established in Nov 2020. The Centre prioritizes the research of national interest by highlighting new findings and discussing current trends in technologically relevant topics. Here, we explore different classes of functional materials ranging from semiconductors to polymers and molecular crystals to nanoparticles. CFM has also provided various state-of-the-art characterization facilities like optical micro hardness, gas sensing, dielectric, electrical studies, etc. The Centre has gained attention due to its immense publications in the diverse fields of research in functional materials.

## Research Thrust

- Nano magnetism and quantum materials
- Magnetic and functional materials
- Multiferroics and electro-ceramics
- Spintronics and magnetic memory
- Neuromorphic computation
- Nonlinear optics and laser processing
- Electro ceramics
- Nanocomposites
- Photophysical studies
- Solar Cells
- Photo Detector and Sensors
- Solar simulator

## Registration Fee

Students / Research Scholars	INR 500
Academic/ Research Faculty	INR 1200
Industry Delegates	INR 1500

Registration starts from 18-08-2025

Last date for registration 11-09-2025

[Click here for registration \(Academia\)](#)



[Click here for registration \(Industry\)](#)



[Click here for payment](#)



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Participate in different events and chance to meet industry leaders

## Industry Expert

**Dr. Shireesh Pankaj**, Vice President, Aliaxis Research & Technology Center, Bengaluru.

**Dr. M. Muthukumar**, COO & Director, Atindriya Systems Pvt. Ltd., Bengaluru.

**Dr. V. Viswabhaskaran**, Proprietor, VB Ceramic Consultants, Chennai.

**Dr. Ananth Krishna**, CEO & Co-founder, Millennium Semiconductors, Bengaluru.

## Contact Information

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