

# 2<sup>nd</sup> International Conference on Functional Materials for Future Technology (IC-FMFT 2025)



05<sup>th</sup> – 07<sup>th</sup> November 2025

Organized by

Centre for Functional Materials,  
Vellore Institute of Technology  
Vellore-632 014, TN, India

## Topics of Interest

- Functional Materials and Devices
- Functional Polymeric Materials
- Magnetic Materials and Spintronics
- New Materials for Energy
- Quantum Materials

## Important Dates

First Call for Abstract	Jun. 01, 2025
Abstract Submission Last Date	Aug. 01, 2025
Abstract Acceptance Notification	Sep. 01, 2025
Registration Start Date	Oct. 02, 2025
Last date of Registration	Nov. 01, 2025

## First Announcement

## Registration Fee

Students / Research Scholars	INR 4000
Postdoc/ Academic/ Research Faculty	INR 5000
Industry Delegates	INR 7000
International Delegates	USD 200

## Chief Patron

Dr. G. Viswanathan, Chancellor

## Patrons

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Dr. Madhuri W., Director and Professor  
Dr. Palanisami N., Professor

## Co-conveners

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Dr. Kaleemulla S., Professor  
Dr. Ramesh Thamankar, Professor  
Dr. Ankur Rastogi, Assistant Professor  
Dr. Atul Thakre, Assistant Professor  
Dr. Amlan Das, Assistant Professor

## About VIT

Vellore Institute of Technology (VIT) was founded in 1984 as Vellore Engineering College by the honourable 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. VIT has emerged as one of India's best institutes and aspires to become a global leader in education. Quality in teaching-learning, research and innovation makes VIT unique place to learn. The credentials in academics and research have placed VIT in 13<sup>th</sup> best research institution and 11<sup>th</sup> best engineering institution in India (NIRF Ranking, Govt. of India 2024). In Engineering and Technology VIT is ranked 142<sup>nd</sup> in the World and 9<sup>th</sup> in India (QS World University Rankings by Subject 2025), Four subjects (CS&IT, data science & AI, EEE and material science) were ranked among the top 200 in the world (QS World University Rankings by Subject 2025) VIT achieved NAAC Accreditation with A++ grade in the 4<sup>th</sup> cycle.

**Call for Abstract IC-FMFT 2025**  
**Submission starts from**  
**June 01, 2025**

## About the Conference

We are organizing the 2nd edition of International Conference on Functional Materials for Future Technology, at Vellore Institute of Technology from 05-07 November 2025. This prestigious conference gathers international researchers, scientists, and technologists to discuss revolutionary developments in material science and emerging technologies. The conference seeks to create a platform for collaboration, initiate thought-provoking discussions, and present path-breaking developments that will define the future of functional materials.

Major themes of the conference are Magnetic Materials and Spintronics, where attendees will explore spin-based technology breakthroughs; New Materials for Energy, emphasizing innovations for clean energy solutions; Functional Materials and Devices, presenting next-generation material applications that improve device performance; and Quantum Materials, holding the promise of quantum properties for future technologies. With thought-stimulating presentations, lively panel discussions, and networking opportunities, this conference is poised to provide an inspiring and enriching experience.

We welcome you to join us at VIT to interact with visionaries and innovators who are creating significant advancements in material science. Be a part of this global knowledge-sharing platform and contribute to shaping the future of technology and materials.

## Advisory Committee

Dr. Satoru Yoshimura, Akita University, Japan  
Dr. Ramesh A., Director CECRI, Karikudi  
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Dr. P Saravanan, DMRL, Hyderabad, India  
Dr. N Vijayan, NPL, New Delhi, India  
Dr. K G Suresh, IIT Bombay , India

## Call for Full-length Paper

Manuscripts submitted will be peer-reviewed and accepted papers will be published in the special issue of the Scopus-indexed journals. Article publication charge will be applicable as per the journal's policy.

## 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 reverent 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, microhardness, gas sensing, dielectric, electrical studies, computational tools etc. The centre has gained attention due to its immense publications in the diverse fields of research in functional materials. CFM is offering a platform to connect a broad range of materials with focused research groups and support multidisciplinary research necessary for technology transfer. The Centre implements its mission via activities in research and education.

## Tentative Keynote/Invited Talks

Dr. Satoru Yoshimura, Akita University, Japan  
Dr. Ramesh A., CECRI, Karikudi, India  
Dr. R. Kothandaraman R. IIT Madras, India  
Dr. François Courvoisier, CNRS, FEMTO-ST institute, France  
Dr. Soma Venugopal Rao, Univ. of Hyderabad, India  
Dr. Ramakanta Naik, ICT-IOC, Bhubaneswar, India  
Dr. Akshay Singh, IISc Bangalore, India  
Dr. Tamalika Banerjee, University of Groningen, The Netherlands  
Dr. Sayani Majumdar, Tampere University, Finland  
Dr. Sumeet Walia, RMIT University, Australia  
Dr. Shweta Agarwala, Aarhus University, Denmark  
Dr. Ayan Roy Chaudhuri, IIT Kharagpur, India  
Dr. Mahesh Peddigari, IIT Hyderabad, India  
Dr. Abdul Azeem P. , NIT Warangal, India  
Dr. Ren, Wei, Shanghai University, China  
Dr. Satheesh Krishnamurthy, University of Surrey, UK  
Dr. M. S. Ramachandra Rao, IIT Madras, India  
Dr. Jayavel R., Anna University Chennai, India  
Dr. P. Saravanan, DMRL, Hyderabad, India  
Dr. N. Vijayan, NPL, New Delhi, India  
Dr. K. G. Suresh, IIT Bombay , India  
Dr. B. B. Lahari, IGCAR, Kalpakkam, India  
Dr. K. Seturaman, Central University of Tamil Nadu, Thiruvavur , India

## Contact Information

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