

2nd International Conference on Functional Materials for Future Technology (IC-FMFT 2025)



05th – 07th 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 and Computation
- Organic Electronics
- Optoelectronics

First Announcement

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.

Best Poster and Oral Awards

Call for Abstract IC-FMFT 2025
Submission starts from
August 01, 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 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.

About VIT

Vellore Institute of Technology (VIT) 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. 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 13th best research institution and 11th best engineering institution in India (NIRF Ranking, Govt. of India 2024). In Engineering and Technology VIT is ranked 142nd in the World and 9th 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 4th cycle.

Chief Patron

Dr. G. Viswanathan, Chancellor

Patrons

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Dr. Sekar Viswanathan, Vice president,

Mr. G. V. Selvam, Vice president

Dr. Sandhya Pentareddy, Executive Director

Ms. Kadhambari S. Viswanathan, Assistant Vice President

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Dr. Palanisami N., Professor

Co-conveners

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Dr. Kaleemulla S., Professor

Dr. Ramesh M Thamankar, Professor

Dr. Ankur Rastogi, Assistant Professor

Dr. Atul Thakre, Assistant Professor

Dr. Amlan Das, Assistant Professor

Important Dates

Abstract Submission Starts	Aug. 01, 2025
Acceptance Notification	Aug. 18, 2025
Registration Start Date	Oct. 02, 2025
Last date of Registration	Nov. 01, 2025

Best Poster and Oral Awards

Advisory Committee

Dr. Satoru Yoshimura, Akita University, Japan

Dr. Ramesha K., Director CECRI, Karikudi

Dr. Abdul Azeem P. , NIT Warangal

Dr. Ren, Wei, Shanghai University, China

Dr. Dr. Satheesh Krishnamurthy, University of Surrey UK

Dr. M S Ramachandra Rao, IIT Madras, India

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Dr. P Saravanan, DMRL, Hyderabad, India

Dr. N Vijayan, NPL, New Delhi, India

Dr. K G Suresh, IIT Bombay , India

Registration Fee

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

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Submission Link Opens From
Aug. 1st, 2025

Contact Information

Centre for Functional Materials
402 – Technology Tower
Vellore Institute of Technology,
Vellore-632014

Web: <https://vit.ac.in/centers/cfm>

91-4162202353
icfmft@vit.ac.in

Tentative Keynote/Invited Talks

Dr. Satoru Yoshimura, Akita University, Japan

Dr. Ramesha K., 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

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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, Thiruvarur , India

Submit
your
Abstract

