VIT®
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

Centre for Functional Materials
VIT Vellore

International Conference on Functional Materials for Future Technology (IC-FMFT 2023)

19th – 21st April 2023

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

Important Dates

First Call for Abstract	Jan. 01, 2023
Abstract Submission Last Date	Mar. 15, 2023
Abstract Acceptance Notification	Mar. 01, 2023
Registration Start Date	Mar. 02, 2023
Last date of Registration	Apr. 10, 2023
Manuscript Submission Start Date	May 01, 2023

Topics of Interest

- Hybrid and Composite Materials
- Functional Materials and Devices
- Functional Polymeric Materials
- Materials at Nano Scale
- Magnetic Materials and Spintronics
- New Materials for Energy
- Nonlinear Optics
- Quantum Materials
- Organic Electronics

Sponsors

IOP Publishing

LASER SCIENCE

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Call for Full-length Paper

Manuscripts submitted will be peer-reviewed as per journal criteria and accepted manuscripts will be published in the special issue of the following Scopus-indexed journal(s)*

- **IOP Nanotechnology (I.F. 3.874)**
- **Journal of Magnetism and Magnetic Materials (I.F. 3.097)**
- **Materials Today Proceedings (Elsevier, Cite Score 2.3)**

*More journals will be updated soon on the website

The Abstract book of ICFMFT-2023 will be published with the ISBN

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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 make VIT a unique place to learn. The credentials in academics and research have placed VIT in the 12th position among the engineering institutions in India by NIRF, Govt. of India. VIT is Ranked within the top 200 in Asia (QS - Asia University Rankings 2022). VIT achieved NAAC Accreditation from the Government of India with A++ grade in the 4th cycle.

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.

Award for best oral and poster presentations in each session

Second Announcement

About the Conference

Modern scientific and technological advancements result from collaborative efforts based on various aspects of science and engineering. One of the current forefronts of the research is invested in developing new functional materials to meet future challenges like energy, water, and health. Scientists are constantly looking for alternative approaches to address them for economic and social prosperity. For this, the exchange of ideas among scientists and researchers belonging to different streams of science, technology, and industry is necessary. In this regard, the Centre for Functional Materials at Vellore Institute of Technology, Vellore, is bringing up a unique opportunity for students, researchers, faculty, scientists, and experts from industries with shared interests in functional materials.

We are organizing an International Conference on Functional Materials for Future Technology from 19th - 21st April 2023, where speakers from various scientific expertise will share their knowledge and experience. As the event will be organized in a hybrid mode, we have the flexibility of inviting experts in-person and online mode from different areas of research all over the world. The goal of IC-FMFT 2023 is to create an opportunity for the participants to explore and collaborate on interdisciplinary subjects in physics, chemistry, material science and engineering.

Advisory Committee

Dr. Satoru Yoshimura, Akita University, Japan
Dr. Hans Hilgenkamp, The University of Twente, Netherlands
Dr. M. S. M. Saifulla, Paul Scherrer Institute, Switzerland
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Dr. A. Nirmala Grace, VIT Vellore, India
Dr. P. Sujatha Devi, CSIR-NIIST, India

Keynote/Invited Talks

Dr. Satoru Yoshimura, Akita University, Japan
Dr. M. S. Ramachandra Rao, IIT Madras, India
Dr. Hans Hilgenkamp, The University of Twente, Netherlands
Dr. R. Jayavel, Anna University Chennai, India
Dr. P. Saravanan, DMRL, Hyderabad, India
Dr. Ren Wei, Shanghai University, China
Dr. D. Panchanathan, Axiom Space, United States
Dr. Satheesh Krishnamurthy, The Open University, UK
Dr. Kaichi Saito, Akita University, Japan
Dr. Takenori Tanno, Akita University, Japan
Dr. N. Vijayan, NPL, New Delhi, India
Dr. M. Senthil Kumar, IIT Bombay, India
Dr. S. Vengatesan, CECRI Karaikudi, India
Dr. S. Mazumdar, VTT Technical Research Centre, Finland
Dr. Paula M Vilarinho, University of Aveiro, Portugal
Dr. J. Molina, National Institute of Astrophysics, Mexico
Dr. M. S. M. Saifulla, Paul Scherrer Institute, Switzerland
Dr. Khalil Zakeri Lori, Karlsruhe Institute of Technology, Germany
Dr. S. Srinath, University of Hyderabad, India
Dr. Anjana Dogra, NPL, New Delhi, India
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Dr. P. Sujatha Devi, CSIR-NIIST, India
Dr. R. Nirmala, IIT Madras, India
Dr. Tamalika Banerjee, University of Groningen, Netherlands

Registration Fee

Students / Research Scholars / Postdoc	INR 4000
Academic/Research Faculty	INR 5000
Industry Delegates	INR 7000
International Delegates	USD 150

Contact Information

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ICFMFT-2023

For details about the accommodation and tariff please visit the website (https://vit.ac.in/ICFMFT-2023)