

### Registration fee

Category	Fee
B.Sc. and M.Sc. Students	INR 750/-
Research Scholars	INR 2000/-
Postdoctoral Fellows	INR 3000/-
Faculty/Scientists	INR 6000/-
International Participants	
Early bird	USD 250/-
After 1 November 2024	USD 350/-

**Registration fee includes 18% GST**

### Payment and registration

<https://tinyurl.com/34an3tvv>



### Publication Partner:

The papers presented will be included in the conference proceedings free of cost (we are currently in discussion with international publishers). Extended manuscript version can be considered for publication in **Scopus indexed journals** upon peer review. The article processing fee for journal publication (special reduced rates) are to be borne by the authors.

### Patrons

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### Contact Details

#### Convener, ICAFMA-2025

Manipal Institute of Technology, MAHE, Manipal

Udupi, Karnataka – 576104

E-mail: [icafma.2025@gmail.com](mailto:icafma.2025@gmail.com)

Website: <https://conference.manipal.edu/icafma>



## MANIPAL INSTITUTE OF TECHNOLOGY MANIPAL

A Constituent Unit of Manipal Academy of Higher Education

### INTERNATIONAL CONFERENCE ON ADVANCED FUNCTIONAL MATERIALS AND APPLICATIONS (ICAFMA - 2025)

2 – 4 January 2025



ORGANIZED BY

DEPARTMENT OF PHYSICS AND  
CHEMISTRY

MANIPAL INSTITUTE OF TECHNOLOGY, MANIPAL  
MANIPAL ACADEMY OF HIGHER EDUCATION

VENUE: MIT, MANIPAL



## About the organizing Institution

The Manipal Institute of Technology (MIT), Manipal was established in 1957 as one of the first self-financing engineering colleges in the country by Dr. T. M. A. Pai. MIT is a constituent unit of the Manipal Academy of Higher Education (MAHE). MAHE is one of India's leading academic and research institutions with active partnership with more than 250+ leading universities around the globe. It has been granted Institution of Eminence status by the Ministry of Education, Government of India in 2020.

## About the organizing Departments

Department of Physics is one of the founder departments of the Institute. Currently the department has grown and developed into a center of PG studies and research with a faculty strength of 22. Faculty are specialized in various fields such as Condensed Matter Physics, Nanomaterials, Thin Film Devices and Theoretical Physics. The total external funds received by the department for various research projects is over INR 60 million. The department offers open elective subjects to B.Tech. and M.Tech. students apart from teaching Engineering Physics. The department also offers M.Sc. (Physics) and Ph.D. programs. Presently about seventy students are pursuing fulltime Ph.D. in the department.

Department of Chemistry started in 1957 and is one of the oldest departments of MIT Manipal. Over these years, the department has immensely contributed towards developing sustainable and innovative solutions for challenges in health, medicine, energy, materials science, and the environment by leveraging the broad expertise of esteemed faculties. The department has eminent faculties with expertise in interdisciplinary and application-oriented research in organic, inorganic, physical, and materials chemistry.

The department's research output is evident in terms of high-impact publications, consultancy services, research grants, and knowledge transfer to industries. Major research areas: Anti-microbial polymers, Liquid crystals. Corrosion and its protection techniques, Solar cells, Organic chemistry (Medicinal chemistry, Drug-delivery for targeted molecules), Supercapacitors, Batteries, Flexible electronics, Electro(photo)catalysis, Fuel cells, Hydrogen production, Electrochemical sensors, and CO<sub>2</sub> conversion to value-added chemicals. The department offers Engineering Chemistry course for B. Tech. and M.Sc. programs with Organic/ Applied Chemistry specializations, and Ph.D. in emerging areas of Chemistry.

## About the Conference

ICAFMA will focus on highlighting the most recent developments in physics, chemistry and engineering of functional materials and their applications with an ultimate goal to catalyze innovative technological transformations.

The conference will include sessions by international experts highlighting the current state of the art technology and future directions in this area. Keynote lectures by eminent scientists and focused thematic sections are also planned. The event will serve as a platform for networking and fostering fruitful collaborations.

## Guidelines for abstract submission

Two page manuscript prepared exactly as the specified template in the website must be sent to [ICAFMA.2025@gmail.com](mailto:ICAFMA.2025@gmail.com) and papers will be selected for oral/poster presentation based on the recommendations of the expert committee. Participants are requested to submit their manuscripts within the specified timeline.

Only one paper per registered participant will be accepted. However, one may be a co- author of more than one paper.

Extended manuscripts can be considered for publication in Scopus indexed journals. Details will be updated in the website soon.

Topics include, but not limited to

- Functional materials
- Semiconductor materials
- Polymer and synthetic chemistry
- Materials for renewable energy and storage
- Photonic materials
- Nanomaterials
- Thin films
- Advanced materials and device characterization
- Materials for quantum technology
- Computational techniques for materials science
- Metamaterials and applications

## Important Dates

**Last Date for Manuscript Submission:**

**30<sup>th</sup> September 2024**

**Notification of Acceptance:**

**1<sup>st</sup> November 2024**

**Last Date for Registration & Payment:**

**1<sup>st</sup> December 2024**

## Accommodation

Accommodation can be provided (subject to availability) in Hostels or Guest Houses on chargeable basis (on requests well in advance).