

## ADVISORY COMMITTEE

### NATIONAL:

- Dr. N. Kalaiselvi, DG, CSIR & Secretary DSIR
- Prof. Ranjini Bandyopadhyay, Raman Research Institute, Bangalore
- Prof. Bimlesh Lochab, Shiv Nadar University, Delhi-NCR
- Prof. Vivek Polstiwari, TIFR, Mumbai, India
- Prof. Animes Kr Golder, IIT, Guwahati
- Prof. Priya Johari, Shiv Nadar University, Delhi-NCR
- Dr. Bichismita Sahu, NIPER-Ahmedabad, Gandhinagar
- Dr.(Ms.) Joyee Mitra, Inorganic Materials & Catalysis Division, CSIR-CSMCRI, Gijubhai Badheka Marg, Gujarat.
- Dr. N. Raghunani Singh, BARC, Mumbai
- Dr. V. K. Aswal, Solid State Physics Division, BARC
- Prof. Ayon Bhattacharjee, NIT Meghalaya
- Prof. Ranjan Kumar Singh, Banaras Hindu University
- Prof. Ranjan Changmai, Principal, Dibrugarh College, Dibrugarh
- Prof. Syed Arshad Hussain, Physics Department, Tripura University

### LOCAL:

- Prof. K. Yugindro Singh, Dept. of Physics, MU
- Prof. Sh. Dorendrajit Singh, Dept. of Physics, MU
- Prof. Ng. Nimai Singh, Dept. of Physics, MU
- Prof. N. Rajen Singh, Head, Dept. of Chemistry, MU
- Prof. M. Premjit Singh, Head, Dept. of Mathematics, MU
- Prof. S. Opendra Singh, Head, Dept. of Statistics, MU
- Dr. Kh. Robindro Singh, Head, Dept. of Computer Sc, MU

## ORGANIZING COMMITTEE

### CHIEF PATRON

Prof. N. Lokendra Singh  
Hon'ble Vice Chancellor, MU

### PATRON

Prof. Sumitra Phanjoubam  
Dean, School of Mathematical and Physical Sciences, MU

### CO PATRON

Prof. H. Basantakumar Sharma  
Department of Physics

### CHAIRMAN

Prof. Angom Dilip Kumar Singh  
Head, Department of Physics

### CONVENERS

Prof. K. Nomita Devi  
Prof. Th. Gomti Devi  
Department of Physics, MU

### CO CONVENER

Dr. Thangjam Ibomcha Singh  
DST-INSPIRE Faculty, Dept. of Physics, MU

### TREASURER

Prof. Anoubam Senorita Devi  
Department of Physics, MU

### MEMBERS:

- Dr. Irom Ablu Meitei, Dept. of Physics, MU
- Dr. Moirangthem Rakesh Singh, Dept. of Physics, MU
- Dr. M. Shubhakanta Singh, Dept. of Physics, MU
- Dr N. Chandrachani Devi, Dept. of Physics, MU
- Dr. Tolendra Kshetri, Dept. of Basic Sciences and Humanities, MIT, MU
- Dr. Ibetombi Soibam, Dept. of Physics, NIT, Manipur
- Dr. Mamata Maisnam, Dept. of Physics, NIT, Manipur
- Dr. L. Herojit Singh, Dept. of Physics, NIT, Manipur
- Dr. Biju Thangjam, Dept. of Physics, DMU, Imphal, Manipur
- Dr. O. Babynanda Devi, Dept. of Physics, DMU, Imphal, Manipur



INTERNATIONAL CONFERENCE  
ON  
ADVANCED MATERIALS FOR  
SUSTAINABILITY AND INNOVATION:  
ENERGY, ENVIRONMENT AND HEALTH  
(ICAMSI 2025)  
12-14 November 2025



Organized by  
Department Of Physics  
Manipur University, MU

Conference Venue  
Department of Physics  
Manipur University,  
Canchipur, Imphal-795003

## ABOUT CONFERENCE

The International Conference on Advanced Materials for Sustainability and Innovation: Energy, Environment and Health (ICAMSI 2025) aims to bring together leading researchers, scientists, engineers, academicians, industry professionals and policy makers from across the globe to discuss edge-cutting advancements and emerging trends in advanced materials and their pivotal role in achieving the United Nations Sustainable Development Goals (SDGs). The conference will focus on interdisciplinary research and innovations that address challenges in energy conversion and storage, environmental remediation, green hydrogen production, healthcare applications, nanotechnology and smart materials. This edition will also spotlight emerging research frontiers in biomolecular science, Raman spectroscopy, Surface Enhanced Raman Spectroscopy (SERS), plasmonics and nanophotonics, highlighting their significance in diagnostics, sensing and fundamental studies at the interface of Physics, Chemistry and Biology. The event will feature plenary lectures, invited talks, oral and poster presentations and will provide a vibrant platform for knowledge sharing, collaboration and networking. ICAMSI 2025 warmly welcomes the participation of young researchers and students, encouraging active engagement through awards and interactive sessions.

## ABOUT MANIPUR

Manipur, nestled in the northeastern region of India, is a state of breathtaking natural beauty and rich cultural heritage. It is bordered by Nagaland (204 km) to the north, Mizoram (95 km) to the south, Assam (204.1 km) to the west, and shares a 352 km-long international boundary with Myanmar (Burma) to the east and south. The landscape is adorned with lush green valleys, flowing rivers, dense forests, and picturesque lakes. One of the most iconic sites in Manipur is Loktak Lake, the largest freshwater lake in Northeast India. The lake is famous for its unique floating islands known as *phumdis*, which serve as the habitat for diverse flora and fauna. These *phumdis* also host the Keibul Lamjao National Park, the world's only floating national park, which provides a natural habitat for the Sangai, a rare and graceful deer species found only in Manipur.

## ABOUT MANIPUR UNIVERSITY

Manipur University was established on June 5, 1980, as a State University and later became a Central University on October 13, 2005. Currently, the University has 119 affiliated colleges, including three medical colleges and the MIT as its constituent college. With nine Schools of Studies, 47 depts, and 7 Centres of Studies, the University has a total student strength of 7,396. The University, dedicated to academic excellence, offers research opportunities across diverse fields including Humanities, Sciences, and Forestry. It plays a key role in nurturing skilled professionals for the North Eastern Region and advancing Manipur's socio-economic development. Located in the historic town of Cachipur, Imphal, its 287.53-acre campus is rich in natural beauty and cultural heritage.

## ABOUT DEPARTMENT OF PHYSICS

Established in March 4th, 1977, the Dept of Physics is one of the few depts that saw the light of day in the erstwhile Jawaharlal Nehru Institute of Post Graduate Studies, Imphal, of JNU, New Delhi; long before the establishment of Manipur University as a State University. The Dept, at present, has 11 regular, 2 guest and 1 DST-INSPIRE faculty members. M.Sc. and Ph.D. programmes are conducted in the Dept. The active areas of research include Materials Science, High Energy Physics, Astrophysics, Non-Linear Dynamics and Complex Systems, Space Physics, Thermoluminescence, Quantum Many-Body Systems, etc. The Department is supported by UGC-SAP (DRS II) and DST-FIST.

## CONFERENCE THEME

- Nanomaterials and nanocomposites
- Materials for Energy storage and conversion
- Photocatalysis, Electrocatalysis and Green Hydrogen
- Functional biomaterials and bio-inspired materials
- Semiconductor materials and devices
- Supercapacitors and hybrid energy systems
- SERS, spectroscopy and plasmonic materials
- MOFs, COFs and hybrid frameworks
- Environmental remediation and wastewater treatment
- Computational materials science and Modelling, Artificial Intelligence in materials design

## IMPORTANT DATES

### Early Bird Registration

& Abstract Submission (extended): 30<sup>th</sup> Sept, 2025

### Late Registration

& Abstract Submission: 1<sup>st</sup> Oct - 10<sup>th</sup> Oct, 2025

## REGISTRATION FEES

### EARLY BIRD REGISTRATION

#### National:

Faculty

#### International:

Rs 4000/-

\$250/-

Post-doc

Rs 2500/-

\$200/-

PhD/Students

Rs 2000/-

\$150/-

### LATE REGISTRATION

#### National:

Faculty

#### International:

Rs 5000/-

\$300/-

Post-doc

Rs 3000/-

\$250/-

PhD/Students

Rs 2500/-

\$100/-

## AWARDS

### Poster:

1<sup>st</sup> Rs 3000/-

2<sup>nd</sup> Rs 2000/-

3<sup>rd</sup> Rs 1000/-

### Oral Presentation:

1<sup>st</sup> Rs 3000/-

2<sup>nd</sup> Rs 2000/-

3<sup>rd</sup> Rs 1000/-

For more details please visit the website:



or

[www.icamsi2025.in](http://www.icamsi2025.in)

For Queries & Submissions:

icamsi2025@gmail.com

*Free accommodation will be provided to limited student participants at the University Guest House on sharing basis from 12<sup>th</sup> - 14<sup>th</sup> Nov, 2025*