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CALL FOR PAPERS

Authors are encouraged to submit abstracts of their original research in the specified format provided on the conference website. All submitted abstracts will undergo peer review by subject experts. Authors of accepted abstracts will then be invited to submit full-length papers in the prescribed format outlined on the conference website. The submitted papers will be published in a special issue of **Bulletin of Materials Science (BoMS)**, a springer journal with impact factor of 1.9. Please note that, there will be two rounds of review process and the final decision of the paper acceptance will be by the editor of the journal. There is no **Article Processing Charge (APC)** for all the accepted articles. Additionally, a souvenir featuring the abstracts will be released.

KEY DATES

Abstract Submission Start Date	1 st -Feb-2025
Abstract Submission Last Date	15 th -June - 2025
Acceptance of Abstracts	15 th -Feb to 1st July 2025
Papers submission Last Date	15 th - July-2025
Registration	15 th - Feb to 15 th - July 2025
Conference Dates	24 th - July to 26 th -July 2025

REGISTRATION FEES

Delegates from Industry / Individuals	Rs 7000
Delegates from Academia and R&D institutions	Rs 5000
Research Scholars/UG & PG students	Rs 2000
Spouses / Additional Person	Rs 2000
International Delegates	USD 200

Registration fee includes a copy of the conference Abstracts, participation in technical sessions, refreshments, lunch during sessions and a conference banquet.

CONFERENCE WEBSITE

www.icamst2025.in

CONTACT

Email id: ICAMST-2025@msruas.ac.in

Convener:

Dr. P N Anantharamaiah
+91 6360895725

Co-Convener:

Dr. Narasimman Rajaram
+91 9544307731



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Registration

3rd International Conference on

ADVANCES IN MATERIALS SCIENCE & TECHNOLOGY

(ICAMST -2025)

July 24-26, 2025

M.S. Ramaiah University of Applied Sciences
Bengaluru, India



Organised by

Faculty of Natural Sciences
Faculty of Engineering and Technology
Faculty of Dental Sciences
Faculty of Life and Allied Health Sciences
Faculty of Pharmacy
M.S. Ramaiah Medical College

in association with

Catalysis Society of India (CSI), Bengaluru Chapter
Materials Research Society of India (MRSI), Bengaluru Chapter

ABOUT THE UNIVERSITY

M.S. Ramaiah University of Applied Sciences (MSRUAS), a premier state private university in Bengaluru, Karnataka, was established under the Karnataka University Act 2013. Accredited with NAAC A+ (3.33 CGPA) in 2024 and certified by CEMILAC and DSIR. MSRUAS is widely recognized for its student-centric education, applied research, and industry-driven innovation. The university is recognized by the University Grants Commission (UGC) under Section 2(f) and the Government of Karnataka (GoK). All programs at the university are officially approved and periodically renewed by various statutory bodies, including the All India Council for Technical Education (AICTE), National Medical Commission (NMC), Pharmacy Council of India (PCI), Bar Council of India (BCI), Dental Council of India (DCI), and Indian Nursing Council (INC), among others. With 13 faculties and over 80 departments, MSRUAS offers a wide range of undergraduate, postgraduate, and doctoral programs in diverse interdisciplinary fields such as Engineering, Natural Sciences, Management, Healthcare, Legal Studies, and Design. The university boasts world-class infrastructure and an outcome-based academic curriculum that integrates academics, research, training, and entrepreneurship to equip students with real-world problem-solving skills. In the NIRF Rankings 2024, MSRUAS secured 16th place in Dental Sciences, 46th place in Medical Sciences, 68th place in Pharmacy and 151-200 band among Indian universities. Globally, MSRUAS was ranked 351-400 in the 2024 Interdisciplinary Science Rankings. Additionally, the university earned a prestigious Four-Star Rating from the Institution's Innovation Council (IIC) under the Ministry of Education, reaffirming its commitment to innovation and entrepreneurship. The university is also a DIAMOND-rated Green Campus, recognized for its sustainability initiatives. A leader in global collaborations and industry partnerships, MSRUAS has established MoUs with prestigious institutions such as Mount Sinai (USA), the University of Illinois Urbana-Champaign (UIUC), and SUNY Albany, fostering joint research, faculty exchanges, and international student programs. Guided by its vision to be Asia's leading university for applied sciences, MSRUAS remains committed to academic excellence, ethical leadership, technological innovation, and preparing students to thrive in an evolving global landscape.

ABOUT THE 3rd INTERNATIONAL CONFERENCE

Building on the great success of the first two international conferences, the 3rd International Conference on Advances in Materials Sciences and Technology (ICAMST-2025) will be hosted by MS Ramaiah University of Applied Sciences (MSRUAS) in collaboration with the Catalysis Society of India (CSI) and Materials research Society of India (MRSI) Bengaluru Chapters. The conference will cover a wide range of interdisciplinary themes which are meticulously designed and are aligned with the Make in India initiative, AI for global leadership, and the Sustainable Development Goals

(SDGs). ICAMST-2025 aims to bring together researchers, academicians, scientists and industry professionals to share their research findings, foster collaborations, and bridge the gap between academia and industry to address local and global scientific and societal challenges. The conference will feature keynote addresses by distinguished speakers from academia, Govt. organizations and industries, invited lectures, poster sessions, oral presentations, research papers and panel discussion. Also, exhibition showcasing cutting-edge technologies and products from RUAS and industry are part of the conference.

THEMES FOR THE CONFERENCE

1. Nano and Structural Materials for Sustainable Developments

- 0-D, 1-D and 2D Nanomaterials
- Porous and Adsorbent Materials
- Polymers and their Composites
- Sustainable Materials for Engineering Applications
- Nanocatalysts and Composites
- Metal Matrix Composites
- Nanofluids for Heat Transfer
- Ceramic Matrix Composites
- Nanosensors

2. Materials for Energy Conversion and Storage

- Batteries, Capacitors and Supercapacitors
- Fuel Cells and Solar Cells
- Electrocatalysts
- Thermoelectric and Pyroelectric Materials
- Thermal Management Materials

3. Semiconductor Devices and Display Materials

- Light Emitting Diodes (LED)
- Liquid Crystal Display (LCD)
- Organic Light Emitting Diodes (OLED)
- Field Emission Displays (FEDs)

4. Biomaterials, Bioengineering and Food Technology

- Tissue engineering
- Dental Materials and implant
- Food processing and engineering
- Food packaging materials
- Bioengineering
- Materials for Drugs and Drug Delivery
- Materials for Prosthetics applications
- Biopolymer and biodegradable materials

5. Electroceramic, Smart and High Temperature Materials and Applications

- Ferroelectric, Piezoelectric,
- Electrostriction Materials
- Magnetic Materials
- Multiferroics
- Sensors, Transducers and Actuators
- Thin Films

6. AI and Computational Techniques

- AI/ML for materials sciences
- First-principles methodology
- Computational methods for drug design and discovery
- Role of computational materials for sustainable energies
- High-throughput screening for materials discovery

PLENARY AND KEYNOTE SPEAKERS

- Prof. Akio Kimura, Hiroshima University, Japan
- Prof. Fei Yan, North Carolina Central University, USA
- Prof. Katsuya Inoue, Hiroshima University, Japan
- Prof. Tatiana Duque Martins Federal University of Goiás, Brazil
- Dr. B.L.V. Prasad, Centre for Nano and Soft Materials, Bengaluru
- Prof. Vijayamohan Pillai, IISER, Tirupati
- Prof. P.S. Anil Kumar, IISc, Bengaluru
- Prof. A.S. Achalkumar, IIT, Guwahati
- Prof. Sasanka Deka, Delhi University, Delhi
- Prof. Umesh Waghmare, JNCASR, Bengaluru
- Dr. L.N. Raghavendra, DRDO, India
- Prof. Kaushik Chatterjee, IISc, Bengaluru
- Prof. Balaram Sahoo, IISc, Bengaluru
- Dr. Gajjala Sumana, CSIR NPL, New Delhi
- Dr. Gurumurthy Hegde, CHRIST University, Bengaluru
- Dr. Dheepa Srinivasan, MSRUAS, Bengaluru

AWARDS

American Chemical Society (ACS) is sponsoring Three Best Poster Awards and Two Best Oral Presentation Awards. Each Winner will receive certificate from the ACS Journals and Rs 3000/- Cash Prize.

SPONSORSHIP FOR THE CONFERENCE

The organizing committee welcomes sponsorships from various organizations. The available categories are outlined below.

BENEFITS FOR THE SPONSORS

- Opportunity to showcase their products throughout the duration of the conference.
- A 15-minute slot to present and promote their organization.



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