

ICEAMST

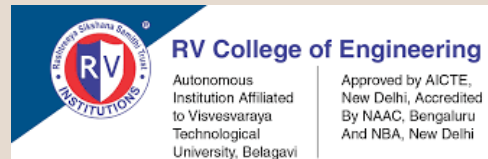
2nd International Conference on Emerging Applications of Material Science and Technology (ICEAMST 2024)



3-4, JULY 2024 ~ BENGALURU, INDIA



Organized by,



RV College of Engineering
Bengaluru, Karnataka, India

About the Conference

The 2nd International Conference on Emerging Applications of Material Science and Technology (ICEAMST 2024), scheduled to take place on July 3-4, 2024, at RV College of Engineering, Bengaluru, India, is set to be an exciting collaborative event in the dynamic landscape of material science and technology. This year, themed around "Innovations in Electronic Materials: Advancing Technology for a Sustainable Future," the 2nd ICEAMST 2024 aims to be an interdisciplinary platform for researchers, scientists, and engineers in the field of material science and engineering. This conference intends to enable an interdisciplinary research collaboration, providing insights into state-of-the-art developments in nano electronics, sustainable technologies, and the multifunctionality, reliability, and scalability of electronic materials. ICEAMST 2024 not only showcases the latest research findings but also fosters a collaborative environment, encouraging participants to share the research discoveries and advancements. The conference invites professionals from diverse industries, including healthcare, aerospace, energy, and electronics, fostering discussions that will shape the future of material science and technology.

About the College

Established in 1963 with three engineering branches namely Civil, Mechanical and Electrical, today RVCE offers 12 Under Graduate Engineering programmes, 16 Master Degree programmes and Doctoral Studies. Located 13 km from the heart of Bangalore City – the Silicon Valley of India, on Mysore Road. Sprawling campus spread over an area of 16.85 acres(16.43 guntas) set in sylvan surroundings. Provides an ideal ambience to stimulate the teaching-learning process, helping in bringing out skilled and disciplined Engineers. Rated one amongst the top ten self-financing Engineering Institutions in the country. Current annual student intake for Undergraduate Programmes & Post Graduate Programmes in Engineering is in excess of 1200. Highly qualified and dedicated faculty. Utilizes its expertise in various disciplines to conduct Research and Development for Industry and Defense establishments in the country.

Achieving Excellence in Technical Education, Research and Consulting through an Outcome Based Curriculum focusing on Continuous Improvement and Innovation by Benchmarking against the global Best Practices.

Track 1: Electronic Materials and Sustainable Technologies

- ♣ *Nanomaterials for Energy Harvesting*
- ♣ *Flexible Electronics for Wearable Healthcare Devices*
- ♣ *Optoelectronics and Photonics for Sustainable Lighting*
- ♣ *Green Electronics and Smart Materials for Environmental Sensing*
- ♣ *Bioelectronics for Medical Innovations*
- ♣ *Sustainable Electronics Manufacturing*
- ♣ *Materials for Quantum Computing*
- ♣ *Next-Generation Electronic Devices*
- ♣ *Advancements in Electronic Materials Characterization*

Track 2: Collaborative Platforms and Future Trends in Material Science

- ♣ *Materials Genome Initiative*
- ♣ *Sustainability in Materials Research*
- ♣ *Materials Informatics and Computational Design*
- ♣ *Challenges and Opportunities in Material Science Education*
- ♣ *Eco-friendly Packaging Materials for Electronic Devices*
- ♣ *Neuromorphic Computing with Electronic Materials*
- ♣ *Responsive and Adaptive Materials for Dynamic Structural Applications*
- ♣ *Augmented Reality in Material Science Education*

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CONFERENCE CHAIR

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Industrial Engineering and Management

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Industrial Engineering and Management

R V College of Engineering

KEY-NOTE SPEAKERS

Dr. Azzeddine Oudjehane

*Southern Alberta Institute of Technology,
Canada*

Dr. K.J. Sabareesaan

Nizwa College of Technology, Oman

Dr. Mario Orlando Oliveira

*Engineering Faculty of National University
of Misiones, Argentina.*

Submission Guidelines

All paper submissions should be made to Conference Email:

iceamst.conf@gmail.com,

[Click here](#) For Springer Paper Format

[Click here](#) For Springer Paper Format (LaTeX Template)

Venue

RV College of Engineering

RV Vidyaniketan Post, Mysore Road, Bengaluru,

Karnataka-560059, India.

Map : [Click here](#)

Publication

All registered and presented papers will be submitted for inclusion into *Advances in Science, Technology & Innovation (Springer Book Series)*



<https://www.springer.com/series/15883>

Contact

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CONFERENCE WEBSITE : <https://iceamst.com/>