DR. AMBEDKAR INSTITUE OF TECHNOLOGY, BENGALURU-560056

(AN AUTONOMOUS INSTITUTION, AFFILIATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI)

SCHOOL OF CORE ENGINEERING & TECHNOLOGY

FIRST INTERNATIONAL CONFERENCE ON ADVANCED MATERIALS, DESIGN & SMART MANUFACTURING (ICAMDSM-27) 2ND - 3RD JUNE 2027



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IMPORTANT DATES

- First Call of Abstract - 30th Nov 2026
- Acceptance of Abstract - 15th Dec 2026
- Submission of full text - 30st Dec 2026
- Notification of acceptance of Full length paper - 30th Jan 2026
- Last date for registration - 18th Apr 2026
- Conference dates - 2nd & 3rd June 2027

SCAN FOR MORE DETAILS

ABOUT THE ICAMDSM - 2027

The First International Conference on Advanced Materials, Design and Smart Manufacturing (ICAMDSM-27) aims to provide an international forum for researchers, academicians, industry professionals, and students to present their research findings, exchange technical knowledge, and explore emerging innovations in engineering and technology. The conference focuses on recent advancements in advanced materials, innovative design methodologies, smart manufacturing systems, automation, and sustainable engineering practices. It encourages interdisciplinary research and collaboration to address contemporary challenges in industrial development, infrastructure, and technological transformation. The conference also seeks to bridge the gap between academic research and industrial applications by promoting knowledge sharing, industry–academia interaction, and the development of innovative, efficient, and environmentally sustainable solutions. ICAMDSM-27 aspires to foster research excellence, encourage emerging researchers, and contribute to the advancement of science, engineering, and sustainable technological development at national and international levels.

TRACKS

1. **Advanced & Smart Materials**
- Composites & Nano Composite Materials
- Smart & Intelligent Materials
- Sustainable Materials
- Advanced Alloys & Polymers
- Light Weight Materials for Aerospace & Automotive Industries
- Self Healing Materials

2. **Design & Computational Engineering**
- Engineering Design and Optimization
- Multi-Scale Modeling and Simulation
- Artificial Intelligence in Engineering
- Computational Fluid Dynamics
- Advanced Mechanical Systems
- Structural Health Monitoring
- Aerospace Structures

3. **Smart Manufacturing**
- Additive manufacturing and 3D/4D printing
- Factory automation and Robotics
- Digital twins and IoT integration
- Big Data Analytics in Industry
- Intelligent Production Systems
- Sustainable Supply Chain and Resources Management

4. **Sustainability & Life Cycle Engineering**
- Green Manufacturing and Circular Economy
- Sustainable Product Design and Development
- Energy Storage Technologies
- Sustainable Transportation Technologies
- Clean Energy Materials
- Environmental Sustainability Solutions

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ABSTRACT SUBMISSION GUIDELINES

- Abstract must include Title of the research article, Authors name, Affiliation and email Id's and not exceeding 350 words
- Plagiarism is to be below 10%.
- Paper Format will be shared to Participants through email
- All accepted papers will be published in Conference Proceedings

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- UG/PG Students - Rs. 2000
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- International Participants - $60
- International Participants - SAARC Countries - $40

PUBLICATION

- All accepted Quality papers will be published in Scopus with the Additional Article Processing charges

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