



Vasavi College of Engineering (A)

ACCREDITED BY NAAC WITH 'A++' GRADE

Affiliated to Osmania University and Approved by AICTE



Second International Conference on Advanced Materials and Computational Methods in Mechanical Engineering (ICAMCMME-2025)

Organized by
Department of Mechanical Engineering
Vasavi College of Engineering
Hyderabad, India

HYBRID MODE
February 14-15, 2025

In association with
Department of Mechanical Engineering
Poornima College of Engineering
Jaipur, India

Selected papers will be published in SCOPUS Indexed Journals

SCOPUS Indexed Publication

IOP Publishing

**JOURNAL OF PHYSICS:
CONFERENCE SERIES**

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CALL FOR PAPERS

Prospective authors from academia and industry are invited to submit their full-length papers to the ICAMCMME-2025 conference, which have not yet been submitted/ published. Topics of interest for submission include but are not limited to

Track I: Materials Engineering

- Ceramics & Composites
- Fuel-cell Materials
- Materials for Energy Storage
- Materials Synthesis and Characterization
- Nanomaterials & Nano particulates
- Self-healing Materials
- Smart & Hybrid Materials
- Thermal Interface & Insulation Materials
- Thermoplastic & Thermosetting Polymers

Track II: Computational Methods and Design Engineering

- Aerospace Structural Dynamics
- AI, ML, and IOT applications to ME
- CAD, FEA, Multibody dynamics, Robotics
- Design for Sustainability
- Vibration Analysis and Condition Monitoring
- Virtual Reality and Mechatronics

Track III: Manufacturing and Industrial Engineering

- Advanced Manufacturing in Aerospace Engineering
- CIM/FMS/Agile/Lean Manufacturing Systems
- ERP, BPR, Concurrent Engineering & RE
- Machine Tools, Unconventional & Micro Machining
- Nano-manufacturing
- Quality & Reliability Engineering & Six-sigma
- Robotics and Automation
- Supply chain and logistics

Track IV: Thermal and Automotive Engineering

- Automobile Design and Manufacturing
- Computer-Aided Thermal & Fluid Flow Analysis
- I.C. Engines and Alternative Fuels
- Nano Fluids and Their Applications
- Nuclear Power Plants: Design, Analysis, and Safety
- R&AC, Cryogenics, and Space Technology
- Renewable Energy and Heat & Mass Transfer
- Thermal Management of Electronic systems
- Vehicle Safety, Pollution, Noise and Vibration

REGISTRATION FEES

Category	National (INR)	International (USD)
Authors from academia / industry	2500	\$100
Student authors (Ph.D./PG/UG)	2000	\$ 75
Fee for SCOPUS publication (optional)	8000	\$200

IMPORTANT DATES

Deadline for submission of paper
January 10, 2025

Notification and Acceptance of paper
January 31, 2025

Conference Dates
February 14-15, 2025

Conference Website

<https://www.icamcmme2025.in/>

Paper Submission Mail ID

icamcmme2025@vce.ac.in

ORGANIZING SECRETARIES

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Vasavi College of Engineering, Hyderabad, India

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Poornima College of Engineering, Jaipur, India

Dr. J. Anjaneyulu
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CONFERENCE VENUE: (Hybrid Mode)

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CORRESPONDENCE/QUERY

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