

4th INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING AND MATERIAL SCIENCE (ICAMEMS-26) Hybrid Mode

22 -23 April, 2026

Registration
<https://icamems.com/registration>

Website: <https://icamems.com/>

Abstract Submission Link
https://icamems.com/abstract_submission

ABOUT VIT-AP UNIVERSITY, AMARAVATI

VIT was founded in 1984 under the leadership of Dr. G. Viswanathan and conferred University status in 2001. VIT has four campuses at Vellore, Chennai, Amaravati (AP), and Bhopal, offering more than 86 Undergraduate, Postgraduate, and Research Programmes with 50,000 + students from 28 Indian states and 50 + countries. Its flagship B.Tech program attracts more than 1,50,000 applications throughout the country and abroad. VIT is the FIRST Institution from India to get a 4 STAR Diamond rating and in the Top 550 of the QS World University Ranking by Subject in 3 subjects. VIT is also ranked in the Top 250 universities of Asia Ranking and Young University Ranking. It is also ranked among the top 9 institutions in India in the reputed Shanghai World University Rankings. VIT is ranked as the No.1 private institution for innovation and the ARIIA 2019 award, constituted by the Govt. of India, was received by the Chancellor from the President of India on 8th April 2019. VIT is also recognized as an Institute of Eminence by the Govt. of India for its overall excellence in research and Innovation. Many of its programs are accredited by ABET, the American Accreditation Board for Engineering and Technology, and also IET, The Institution of Engineering and Technology, United Kingdom. VIT has been ranked among the TOP 20 Best Engineering Institutions in India for the past 5 years in a row, from 2016 - 2020, in the National Institutional Ranking Framework (NIRF), Govt. of India.

VIT-AP University has established a 100-acre campus at Amaravati on 26th July 2017 and is currently offering 16 programs in the specializations of Engineering, Business, and Law. VIT-AP University has a student strength of 16000+ spread across UG, PG, & Ph.D. programs from 26 states of India and 3 countries. VIT-AP University has introduced many innovations in the academic process including FFCS (Fully Flexible Credit System), PBL (Project Based Learning), Engineering Clinics (Multi-disciplinary Engineering Projects). Hackathons / Makeathons are part of curriculum exercise which kindle the interest and curiosity of the students.

ABOUT THE SCHOOL OF MECHANICAL ENGINEERING

The School of Mechanical Engineering is one of the premier schools of VIT-AP University which has a dedicated team of highly qualified faculty members holding Ph.D. from elite institutes across the globe. The school is well known not only for teaching and training the best minds of this country but also for its research contributions in areas such as Additive Manufacturing, Advance Manufacturing & Material Characterization, Computational Mechanics, Fluid Dynamics, Biomedical, Thermal science, Design, Robotics, IC engines, Tribology, Colloidal suspensions, and Dispersion. Our labs have state-of-the-art facilities to carry projects for the development of technologies. The UG students are also encouraged to engage in projects with faculty members for higher studies in leading universities in the USA, Europe, and Asia.

ABOUT CONFERENCE

This is the fourth edition of the conference series (ICAMEMS) with previous editions being successfully conducted annually from 2022 to 2024 at VIT-AP University, Amaravati. VIT-AP University is organizing this ICAMEMS-2026 in collaboration with Robert Gordon University, Aberdeen, UK and Auckland University of Technology, Auckland, New Zealand. ICAMEMS-2026 aims to create an international conglomeration of scientists, engineers, and industrial experts. This forum serves as a platform where people can share information about diverse technological advancements, innovations, and achievements in the areas of Mechanical engineering and Material Science. Further, it would also facilitate discussion that centers on the developments and challenges in the field of machine design, manufacturing, thermal and fluid engineering.

The focus of this conference is to provide a technical platform that encourages scientific research and educational activities that would cater to the needs of both society and the industry. Most importantly, ICAMEMS-26 is invested in the advancement of a common man's life by utilizing the theory and practice of Mechanical Engineering and Material Science. The conference includes a keynote address and guest lectures by eminent speakers around the globe who would deliberate the recent trends and challenges in the field of mechanical engineering.

Select papers from the conference will be published in Scopus indexed journal (the list will be updated soon..)

Keynote Speakers

Prof. Dr Nadimul Faisal

Professor of Surface Engineering & Micromechanics
School of Computing, Engineering & Technology, Robert Gordon University,
Garthdee Road, Aberdeen, UK

Dr Hossam Eldessouky

Lecturer in Mechanical Engineering
School of Computing, Engineering & Technology, Robert Gordon University,
Garthdee Road, Aberdeen, UK

Dr. Mohd Shahneel Saharudin

Lecturer (Mechanical Engineering),
School of Computing & Engineering Technology, Robert Gordon University,
Garthdee Road, Aberdeen, UK

Dr. D K Sinha

Associate Professor, Center of Excellence Advanced Manufacturing Engineering
Adama Science and Technology University, Adama, Ethiopia

Dr. Sandeep Kumar

Professor, Department of Mechanical Engineering, IIT(BHU) Varanasi, India

Dr. Sachin Kumar

Associate Professor, Department of Mechanical Engineering, IIT Ropar, Ropar

Dr. Sushil Mishra

Professor, Department of Mechanical Engineering, IIT Bombay, India

Dr. Debashis Khan

Associate Professor, Department of Mechanical Engineering, IIT(BHU) Varanasi, India

Dr. Mihir Kumar Das

Professor School of Mechanical Sciences, IIT Bhubaneswar, India

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Chancellor, VIT University

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Dr. Shirin Patil

CALL FOR PAPERS:

The topics of the conference include, but not limited to

- ▶ Advanced Manufacturing Processes
- ▶ Additive Manufacturing
- ▶ Green Manufacturing and Industry 4.0
- ▶ Conventional machining processes
- ▶ Non-conventional machining processes
- ▶ Micro Machining
- ▶ Materials failure analysis
- ▶ Finite element analysis
- ▶ Lightweight automobiles
- ▶ Product design & development
- ▶ Mechatronics & Robotics
- ▶ Non-Conventional Energy Resources
- ▶ Heat and Mass transfer
- ▶ Green energy & Energy harvesting
- ▶ Refrigeration & Air conditioning
- ▶ Heat Exchangers
- ▶ Tribology
- ▶ Combustion & Pollution
- ▶ Sensors & Actuators
- ▶ Flow measurements
- ▶ Nano Materials
- ▶ Advanced Composite Materials
- ▶ Dispersion and Dispersants
- ▶ Materials Characterization
- ▶ Polymer composites
- ▶ Metal matrix composites
- ▶ Materials Processing
- ▶ Functionally graded materials
- ▶ Smart materials
- ▶ Biomaterials
- ▶ Self-healing materials
- ▶ Cryogenic materials
- ▶ Renewable Materials
- ▶ Solar Energy Materials
- ▶ Advanced Computational materials
- ▶ Biosensor and Bio-electronic Materials
- ▶ Surface Science & Engineering
- ▶ Advanced Energy Materials
- ▶ Material Chemistry
- ▶ Metals, ceramics & polymers
- ▶ Primary and secondary atomization
- ▶ Droplet and spray evaporation
- ▶ Optical diagnostics and image processing
- ▶ Colloidal and Suspensions

IMPORTANT DATES:

LAST DATE FOR SUBMISSION OF ABSTRACT : 15th March, 2026

ABSTRACT ACCEPTANCE NOTIFICATION : 20th March, 2026

LAST DATE OF SUBMISSION OF FULL LENGTH MANUSCRIPT : 30th March, 2026

MANUSCRIPT ACCEPTANCE NOTIFICATION : 10th April, 2026

CONFERENCE DATES : 22-23, April 2026 (Wednesday & Thursday)

Publication Partners

Track No: Journal
Track 1: Interactions, Springer

(Scopus Indexed)

Track 2: Journal of Thermal Engineering
(ESCI Journal, Impact factor: 1.1)

Track 3: Sigma Journal of Engineering and
Natural Sciences (ESCI Journal, Impact factor: 0.6)

Track 4: Journal of Applied Material Science

CONTACT

Organizing committee: ICAMEMS-2025

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VIT - AP University,



Amaravati, Andhra Pradesh,

INDIA – 522241

Submit Your Queries at:

https://icamems.com/contact_us