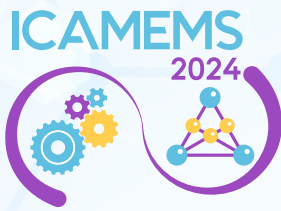


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3rd INTERNATIONAL CONFERENCE ON

ADVANCES IN MECHANICAL ENGINEERING AND MATERIAL SCIENCE (ICAMEMS-24)

(Hybrid Mode)

8 -10 August, 2024

Website: <https://icamems-2024.com/>

Registration Link :

<https://icamems-2024.com/registration>

Abstract Submission Link

https://icamems-2024.com/abstract_submission

ABOUT CONFERENCE

ICAMEMS–2024 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-24 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.

Publication Partners

Track 1: Archives of Metallurgy and Materials

(<https://www.imim.pl/archives>)

Track 2: Trans Tech Publications

(<https://www.scientific.net>)

1. Materials Science Forum
2. Key Engineering Materials
3. Defect and Diffusion Forum
4. Solid State Phenomena
5. Advances in Science and Technology

Track 3: Tribology and Materials

(<https://www.tribomat.net>)

Track 4: Trans Tech Publications

(<https://www.scientific.net>)

1. Applied Mechanics and Materials
2. Advanced Materials Research
3. Journal of Metastable and Nanocrystalline Materials
4. Diffusion Foundations and Materials Applications
5. Engineering Innovations
6. Engineering Chemistry

Track 5: AIP Conference proceeding

(<https://pubs.aip.org/aip/acp>)

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 July, 2024**

ABSTRACT ACCEPTANCE NOTIFICATION : **20th July, 2024**

LAST DATE OF SUBMISSION OF FULL LENGTH MANUSCRIPT : **25th July, 2024**

MANUSCRIPT ACCEPTANCE NOTIFICATION : **01st August, 2024**

CONFERENCE DATES : **8-10, August 2024** (Thursday, Friday & Saturday)

CONTACT

Organizing committee: **ICAMEMS-2024**

School of Mechanical Engineering

VIT - AP University,



Amaravati, Andhra Pradesh,

INDIA – 522237

Submit Your Queries at:

<https://icamems-2024.com/contact>

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