

Moving Ahead to
INNOVATE GREATER



**1st INTERNATIONAL CONFERENCE ON
INNOVATIONS AND FUTURE SCOPE OF MECHANICAL ENGINEERING IN
DIGITAL ERA (ICIFMEDE 2024)**

www.icifmede.in

DECEMBER 20 – 21, 2024

Organised by the Department of Mechanical Engineering
Anurag University, Hyderabad, Telangana, India.

ABOUT ANURAG UNIVERSITY (AU)

Anurag University (formerly known as Anurag Group of Institutions) was established in 2002 which has evolved into one of the top universities of Telangana State and is well reputed for its pursuit of excellence by providing technical education with high academic standards. AU uses Outcome Based Education techniques and Blended Pedagogy to help students navigate the rapidly changing landscape of modern-day technological world.



DEPARTMENT OF MECHANICAL ENGINEERING

Department of Mechanical Engineering was established in the year 2004 and was accredited by NBA under tier-I in 2015. It was reaccredited subsequently twice with validity extending up to June 2025. The department comprises of well-qualified and committed 32 faculty members and 14 technical staff, among which 13 are doctorates with diverse specialisations.

- Value-added courses on **SOLIDWORKS, CREO** and **ANSYS**
- **19 MoUs** with core engineering companies
- Exclusive department library with **over 300 volumes** and **e-journals**
- Active professional chapters (**ISTE, SAE, IEEE - RAS& NTSC**) and student clubs (**FEM, CAD, MARK, DiMaC etc.,**)

ABOUT THE CONFERENCE

The 1st International Conference on Innovations and Future Scope of Mechanical Engineering in Digital Era (ICIFMEDE 2024) will be held during 20th & 21st December 2024, at Anurag University, Hyderabad. The Conference aims to bring together experts from academic, scientific and industrial communities from all over the globe to a common platform to address new challenges, present their latest research findings, ideas, developments and perspective of the future directions in the field of Mechanical Engineering. ICIFMEDE 2024 invites all the researchers to participate in conference.

CALL FOR PAPERS

Authors are solicited to contribute to the conference by submitting high quality unpublished review or research articles and industrial experiences that describe significant advances in the fields of following tracks, but are not limited to:

RECENT ADVANCEMENTS IN THERMO-FLUIDS:

- Bio Fuels
- Bio-Thermal Applications
- Compressible Fluid Flow
- Cryogenic Applications
- Fuel Cells
- Heat Transfer Enhancement
- Hydrogen Production and Storage
- Internal Combustion Engines
- Nanofluids
- Novel Materials for Thin Film Solar Cells
- Renewable Energy Sources
- Solar Thermal Energy
- Waste Heat Recovery

RECENT ADVANCEMENTS IN DESIGN ENGINEERING:

- Artificial Intelligence in Mechanical Engineering
- Computing in Applied Mechanics and Product Design
- Differential / Dynamical Systems
- Dynamics and Control of Structures / Systems
- Fracture and Failure Mechanics
- Fuzzy Logic, Neural Networks & Genetic Algorithm
- Human Factors in Seating Comfort
- Modelling and Simulation
- Numerical Techniques
- Robotics
- Solid Mechanics
- Tool Design
- Tribology

RECENT ADVANCEMENTS IN MATERIAL AND MANUFACTURING ENGINEERING:

- Additive Manufacturing
- Augmented Reality / Virtual Reality for Manufacturing Simulation
- Conventional and Non-Conventional Machining
- Ergonomics
- Intelligent Manufacturing Systems
- Machine Learning for Mechanical Engineering
- Nano Materials and Micro Electro Mechanical Systems (MEMS)
- Operational Efficiency and Quality Assurance
- Productivity Improvement
- Rapid Prototyping and Reverse Engineering
- Supply Chain Management and Logistics
- Surface Engineering, Characterization and Coatings
- Surface Nanotechnology and Devices
- Thermal Forming

PAPER SUBMISSION

Authors are instructed to follow the steps as given below to submit the manuscript.

Step 1:

Click the following link and **register** in **Microsoft CMT** (Conference Management Tool Kit) using mail ID as the username.

<https://cmt3.research.microsoft.com/User/Register>

Step 2:

- **Login** to Microsoft CMT.
- In search bar, **type ICIFMEDe** to select the conference.
- **Click** on the conference name, a submissions page will open for entering the title and other information.
- **Upload** the full paper as per AIP format.

For format click the following link:

<https://pubs.aip.org/aip/acp/pages/preppapers>

Step 3:

Click on submit and view the summary of the manuscript.

ABSTRACTING AND INDEXING



QUALITY & PLAGIARISM

All the manuscripts will be double blind reviewed and the allowable plagiarism is less than 18%. Accepted papers will be published in AIP conference proceedings (Scopus Indexed).

REGISTRATION

Upon receiving confirmation email from the ICIFMEDE 2024, register for the conference using the following link:

<https://icifmede.com/registration>

REGISTRATION FEE

Description	Student / Research Scholars	Academia/Industry (One Person)	Foreign Authors (One Person)
Registration + Publication in AIP Conference Proceedings (Scopus indexed)	₹ 10,000	₹ 10,000	\$ 150
Registration + Abstract in Souvenir (ISBN)	₹ 3,000	₹ 4,000	\$ 100
Participant/ Co-Author	₹ 1,500	₹ 2,000	\$ 50

IMPORTANT DATES:

- Submission of Full paper: **AUGUST 22 - OCTOBER 30, 2024**
- Notification to Authors: **Before NOVEMBER 30, 2024**
- Last Date for Registration: **DECEMBER 8, 2024**
- Conference dates: **DECEMBER 20 - 21, 2024**

KEYNOTE SPEAKERS

Dr. Hafiz Muhammad Ali
Associate Professor,
Mechanical Engineering,
King Fahd University of Petroleum and Minerals,
Dhahran, Saudi Arabia.

Dr. Anuj Sharma
Sr. Manager,
Embedded and High Compute Electronics Control Units,
Robert Bosch, GmbH,
Germany.

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Director, Anurag Centre for Educational - Innovations

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Associate Professor, Mechanical Engineering

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