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Organized by

Department of Mechanical Engineering, PVPSIT

Kanuru, Vijayawada, Andhra Pradesh, India,

&

Department of Mechanical Engineering, NIT

Warangal,

Telangana, India

Important Dates

Extended abstract submission last date: 30-03-2025

Notification to Authors: 05-04-2025

Full Paper Submission: 10-04-2025

Revision submission by Authors: 25-04-2025

Early Bird Registration: 15-04-2025

Proceedings Publication

Selected papers from the conference will be published as a proceedings book volume by Springer / in the International Journal of Metallic Materials (Taylor & Francis) / in Current Nanomaterials (Bentham Publishers) (Scopus-indexed, under communication—updates will follow soon).

Category	Registration Fees	Publication charges
Student	1000 INR	6000 INR
Faculty	2000 INR	6000 INR
Industrialist's (R&D)	3000 INR	7000 INR
Attendee	2000 INR	-
Foreign Delegate	100 USD	200 USD

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MAY 8TH & 9TH, 2025

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VENUE

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Technology, Kanuru, Vijayawada,
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India – 520007

THEMES

MANUFACTURING/INDUSTRY

- Advanced Manufacturing Processes
- Additive Manufacturing
- Industry 4.0
- Conventional Machining Processes
- Non-conventional Machining
- Processes Micro Machining
- Materials Processing
- Primary and secondary atomization

MATERIALS

- Nano Materials
- Advanced Composite Materials Materials Characterization
- Polymer composites
- Metal matrix composites
- Functionally graded materials Renewable Materials
- Advanced Computational materials Bio Materials
- Advanced Energy
- Materials Metals, ceramics & polymers

FLUID AND THERMAL

- Heat and Mass transfer
- Refrigeration & Air conditioning
- Heat Exchangers
- Flow measurements
- Non-Conventional Energy Resources
- Combustion & Pollution
- Colloidal and Suspensions
- IC Engines
- Fuels
- Computational Fluid Dynamics

DESIGN

- Computational Mechanics
- Materials failure analysis
- Engineering Optimization
- Finite element analysis
- Machines and Mechanisms
- Lightweight automobiles
- Mechanics of Composites
- Product design & development
- Fatigue and Creep
- Robotics
- Tribology
- Vibrations
- Fracture Mechanics & Vehicle Dynamics

*Under Communication

