



INDIAN SOCIETY OF MECHANICAL ENGINEERS

23rd ISME International Conference on Recent Advances in Mechanical Engineering

December 17-19, 2025



Jointly organized by



IIT Jodhpur



LNMIIT Jaipur



MNIT Jaipur



Venue

Department of Mechanical Mechatronics Engineering,
The LNM Institute of Information Technology
Jaipur, Rajasthan, India
<https://lnmiit.ac.in/isme-2025>

About the Conference

The 23rd ISME International Conference – 2025 will be held in the vibrant Pink City, Jaipur, from December 17–19, 2025. Jointly organized by IIT Jodhpur, LNMIIT Jaipur, and MNIT Jaipur under the aegis of the Indian Society of Mechanical Engineers (ISME), the conference aims to facilitate knowledge exchange between global academia and industry experts. Bringing together professionals from various Mechanical Engineering domains, the conference serves as a platform to showcase cutting-edge advancements and address key challenges in the field. This year's special theme highlights the integration of AI/ML into Mechanical Engineering, reflecting the evolving landscape of technology-driven innovation.

About ISME

The Indian Society of Mechanical Engineers (ISME) serves as a platform for exchanging ideas, fostering technological advancements, and inspiring engineers to explore new frontiers in Mechanical Engineering. Since its inception, ISME has organized annual conferences, widely recognized by academia and industry. As one of India's most active technical organizations, ISME publishes three journals, conducts workshops, and offers specialized courses regularly. It is also expanding its reach by establishing student chapters in engineering institutes and universities.

About IIT Jodhpur

Established in 2008, the Indian Institute of Technology (IIT) Jodhpur is dedicated to advancing technology education and research in India. Committed to a multidisciplinary approach, the institute fosters innovation through state-of-the-art laboratories for both basic and applied research. Academic programs are organized through departments, while research initiatives are driven by specialized Centers for Technologies, supporting India's economic and technological growth.

About LNMIIT Jaipur

The LNM Institute of Information Technology (LNMIIT), a deemed-to-be university in Jaipur, is a public-private partnership between the LUM Foundation and the Government of Rajasthan. Operating as an autonomous non-profit organization, it is committed to excellence in education and research. The Department of Mechanical-Mechatronics Engineering has grown significantly, offering B.Tech. and Ph.D. programs in Mechanical Engineering. It houses 17 state-of-the-art laboratories and actively runs ASME and SAE student chapters. LNMIIT also fosters AI-driven innovation through the LNMIIT International Centre for Artificial Intelligence (LICAI), dedicated to developing cutting-edge AI-based solutions.

About MNIT Jaipur

Established in 1963 as Malaviya Regional Engineering College Jaipur, the institute became a National Institute of Technology (NIT) on June 26, 2002, and was later recognized as an Institute of National Importance by an Act of Parliament. The Department of Mechanical Engineering offers B.Tech., M.Tech., and Ph.D. programs, supported by a dynamic faculty and experienced staff with expertise across diverse research domains. In addition to academic excellence, the department actively engages in cutting-edge research and innovation.

Conference Tracks

Track 1: Machine Design

Automobile Engineering, EVs and Vehicle Dynamics, Biomechanics, CAD, CAE, FEM, Computational Mechanics, Engineering Optimization, Fatigue & Fracture Analysis, Fracture Mechanics, Machines & Mechanisms, Composites Mechanics, Multi-body Dynamics, Product Design & Development, Robotics & Mechatronics Rotor Dynamics, Vibrations & Condition Monitoring, Sensors & Actuators, Tribology.

Track 2: Materials, Manufacturing & Industrial Engg.

Additive Manufacturing, CIM, CAM, Modeling & Simulation, Composite Materials, Powder Metallurgy, Advanced Machining Techniques, Functionally Graded Materials, Industry 5.0, Maintenance Engineering, Machine Tools, Materials Characterization, Micro/Nano Manufacturing, Product Life Cycle Management, Reliability & Quality Engineering, Smart Materials & Manuf., Supply Chain Management, Surface Science & Engg., Welding, Casting, Forming.

Track 3: Thermal, Fluid & Energy Engineering

Alternative Fuels, Colloidal Suspensions, Combustion & Pollution, IC Engines, Computational Fluid Dynamics (CFD), Desiccant Systems, Droplet & Spray Evaporation, Fluid Mechanics & Machinery, Flow Measurements, Green Energy & Harvesting, Heat Exchangers, Heat & Mass Transfer, Multi-phase Flow, Refrigeration & Air Conditioning, Renewable Energy Sources, Thermal Energy Storage, Thermal Systems Simulation, Battery Thermal Management.

Research integrating Artificial Intelligence (AI) and Machine Learning (ML) in all three tracks is highly encouraged.

Students are encouraged for poster presentation.
There will be awards for outstanding posters.

Important Dates

Last Date for Submission of Abstract	April 30, 2025
Abstract Acceptance Notification	May 31, 2025
Last Date of Full-Length Manuscript Submission	July 31, 2025
Manuscript Acceptance Notification	Sept 30, 2025
Camera-ready submission	Nov 17, 2025
Conference Dates	Dec 17 - 19, 2025

For More Information
Please Scan QR Code



Contact Us

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Registration

At least one author of each accepted paper must register in order for the paper to be included in the proceedings. Student registrations are only acceptable if first author of the paper is a registered student from an Institution.

Registration Fees (18% GST Extra) for:

• Participants from Industry:	₹10,000 (General Participants), ₹8000 (ISME Member)
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• Research Scholars /students:	₹3,000 (General Participants), ₹2000 (ISME Member)
• Foreign Delegates:	\$ 300 USD
• Attendee/accompanied:	₹3,000

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Select papers from the conference will be published by Springer as a proceedings book volume. Springer will conduct quality checks on the accepted papers and only papers that pass these checks will be published. Springer Nature does not charge any money for publication of Non-Open Access content. Abstracts/extended abstracts and short papers (less than 4 pages) are not considered for publication.

Acomodation

On campus air-conditioned accommodation at LNMIIT is available for participants on payment basis as per institute policy. Accommodation in nearby resorts such as Kanota Camp and Hillside Resort can be explored. Hotels in city can also be contacted for accommodation.

Key Attraction in Jaipur

- Hawa Mahal:
- Amber Fort:
- Jal Mahal:

- Jhalana Safari:
- Janter Manter:
- Nahargarh Fort:

