

## ABOUT IIT INDORE

Indian Institute of Technology Indore (IITI), established in 2009 by the Ministry of Human Resource Development (MHRD), Government of India, under The Institutes of Technology (Amendment) Act, is among the 2nd generation of IITs. Located at Simrol, its permanent campus spans 501.4 acres, including 200 acres of forest area. Initially functioning from temporary locations, the institute shifted to its permanent campus in December 2015. IITI began with BTech programs in CSE, EE, and ME in 2009 and PhD programs in 2010, later expanding to offer 9 BTech programs, 19 PhD programs, 15 MTech programs, 5 MS (Research) programs, and 5 MSc (2-year) programs. It is also the first IIT to introduce an MS program in Data Science and Management in collaboration with IIM Indore and has established 8 interdisciplinary centers in futuristic areas.



Renowned for academic and research excellence, IITI is one of India's "Institutes of National Importance" and has consistently ranked among the top 16 in the NIRF rankings since 2016, peaking at 10 in 2020 and currently ranked 16 in 2024. With over 7,500 international publications and 165+ patents to its credit, the institute has developed close to 150 technologies at various TRL levels, ready for technology translation. Industry-sponsored Centers of Excellence have been established by renowned companies like Case New Holland, L&T, and Raj Ratan Wires. Additionally, under the National Mission for Interdisciplinary Cyber-Physical Systems (NM-ICPS), IITI has established the DRISHTI center focusing on modeling, simulation, and visualization of CPS.

The campus, spread over 2.1 km<sup>2</sup> along Khandwa Road, is located 25 km from Indore, the financial capital of Madhya Pradesh and India's cleanest city. Boasting state-of-the-art facilities like the Central Laboratory, high-performance computing centers, and affiliated laboratories, the institute is home to 230 faculty members, 3,000 students, and 400 staff. With over 4,500 undergraduates, 3,500 postgraduates, and 800 PhD scholars graduated in science, engineering, and social sciences disciplines, IITI continues to shape the future of higher education. With its steadfast commitment to academic development, innovation, and leadership, IIT Indore is making significant strides towards becoming a global leader in education and research.

## ORGANIZING TEAM OF AIMTDR 2025

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## DEADLINES

Long Abstract (2 Pages):	15th May 2025
Full Paper Submission:	31st July 2025
Early - Bird Registration:	15th Aug 2025
Camera _ Reday Paper:	15th Sept 2025
Last Date of Registraion:	15th Oct 2025
(For attending the conference)	

## CONTACT DETAILS

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10TH INTERNATIONAL  
AND  
31ST ALL INDIA MANUFACTURING TECHNOLOGY,  
DESIGN & RESEARCH CONFERENCE

# AIMTDR 2025

11TH TO 13TH DECEMBER 2025 (THURS-SAT)

THEME:  
GREEN MANUFACTURING: CARING  
FOR THE FUTURE



INDIAN INSTITUTE OF  
TECHNOLOGY INDORE



Conference website: [iiti.ac.in/aimtdr2025](http://iiti.ac.in/aimtdr2025)

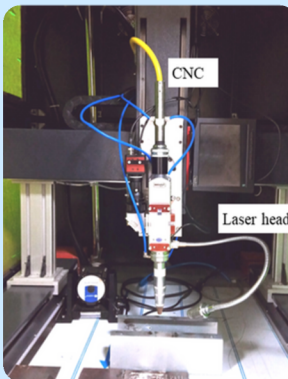
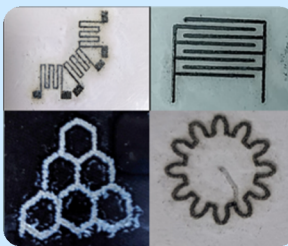
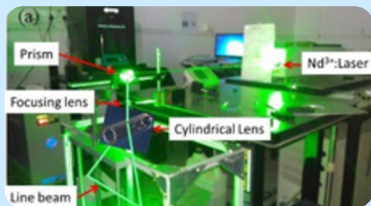
## ABOUT AIMTDR 2025

The AIMTDR conference, initiated in 1967 at Jadavpur University, became international in 2006 at IIT Roorkee. Over 57 years, it has grown into a prestigious platform for academicians, industries, and researchers to share advancements in manufacturing technology. The 10th International and 31st AIMTDR conference will be held at IIT Indore from 11–13 December 2025.

## THEME OF AIMTDR 2025

### GREEN MANUFACTURING: CARING FOR THE FUTURE

Climate change is affecting all aspects of life and the economy, necessitating a shift toward "green" practices to minimize its impact on the environment. As a major economic contributor, manufacturing must adopt environmentally friendly processes with minimal carbon footprints to achieve Green Manufacturing. AIMTDR 2025 calls on all stakeholders to commit to these goals, making manufacturing technology both socially beneficial and sustainable for future generations.



High quality research papers are invited in the following areas, but not limited to:

- Green Manufacturing
- Additive Manufacturing
- Smart Manufacturing
- Industry 4.0 and Industry 5.0
- Cyber-Physical Systems
- Automation and Smart Systems
- AI and ML in Manufacturing
- Hybrid Manufacturing
- Digital Manufacturing
- Micro and Nano Manufacturing
- Inclusive Manufacturing
- Extreme Manufacturing
- Manufacturing Modeling and Simulation
- Advanced Machining and Finishing Processes
- Thermal Aspects in Manufacturing
- Joining Technologies
- Forming Processes
- Green Steel Production and Processing
- Processing of Composites and Polymers
- Energy Beam Processing
- Surface Engineering
- Reverse Engineering
- Gear Engineering
- Precision Engineering
- Computations in Manufacturing
- Metrology and Quality Engineering
- Design for Manufacturing
- Robotics
- CAD/CAM/CAE
- Smart Materials
- Materials Technology
- Modern Trends in Machine Tools
- Advances in Cutting Tools

Efforts will be made to publish the selected good quality research papers in some selected SCIE journals

Some curtain raiser events and pre-conference workshops will be organized in the selected areas

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