

About AIMTDR 2023

The AIMTDR conference is globally counted as one of the most prestigious conferences aiming towards a wide domain of manufacturing areas, including the conventional approach and latest manufacturing techniques. The first AIMTDR was organized at the national level by Jadavpur University, Kolkata in 1967. Its subsequent progress with remarkable recognition among academia and industries made it an international level conference in 2006. The 9th International and 30th All India Manufacturing Technology, Design and Research Conference is being organized by the Department of Mechanical Engineering, IIT (BHU), Varanasi during 8th-10th December 2023. This conference will provide a golden opportunity for academicians, researchers, engineers, corporate executives and industrial experts for constructive interaction through the exchange of their ideas and research works.

Theme of the Conference

Inclusive Manufacturing : A Paradigm Shift

Conventionally, the term 'manufacturing' is defined as transforming the raw material into physical products by using man, machines, tools and chemical or biological processing through various techniques. Since last decade, the vision of the manufacturing has undergone a paradigm shift. The current era of manufacturing is marked by highly agile, networked enterprises that dexterously employ the information, talent and machinery to serve people from all strata of the society. Inclusive Manufacturing is a new paradigm aimed at rural, poor, under-privileged, divyang, women and senior citizens in order to provide an assured and sustained development to enable the society to live with pride and dignity.

It is proposed to conduct AIMTDR 2023 with the theme 'Inclusive Manufacturing : A Paradigm Shift' to make the event socially relevant by providing a platform to the manufacturers from all the sections of society and to stay tuned to the changing landscapes of the manufacturing across the globe.

About Varanasi

Varanasi, the famous nagari of Sri Kashi Vishwanath and Gautam Buddha has, since times immemorial, been hailed as a premier centre for Science, Art, Craft, Music, Literature, Dance and Textile traditions many of which date back to thousands of years of glorious history.

<https://varanasi.nic.in/tourism/>

About IIT (BHU) Varanasi

The Indian Institute of Technology (Banaras Hindu University), Varanasi is situated in the magnificent campus of Banaras Hindu University at the southern end of the ancient city of Varanasi on the banks of the holy river Ganga. Engineering education in Banaras Hindu University commenced in 1919 and the Institute got converted into Indian Institute of Technology (Banaras Hindu University), Varanasi by the Government of India on 29th June, 2012.



About

Dept. of Mechanical Engineering

The department came into existence in 1919. Over the last hundred years, the department has grown four-fold to become the largest department in IIT (BHU). Apart from undergraduate teaching, the department offers post-graduate and doctoral program in Production Engineering, Machine Design, Thermal and Fluid Engineering and Industrial Management.



National Advisory Committee

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Papers are invited on the following areas, but not limited to:

Inclusive Manufacturing	Design for Manufacturing
Additive Manufacturing	Hybrid Manufacturing Processes
Traditional and Non-Traditional Machining	Joining Technology
Robotics and AI	Metrology and Quality Engineering
CAD/CAM/CAE/Reverse Engineering	Micro and Nano Manufacturing
Composite and Polymer Processing	Modelling and Simulation in Manufacturing
Cyber-Physical Systems	Precision Engineering
Energy Beam Processing	Materials Technology
Enterprise Manufacturing Intelligence	Surface Engineering
Forming and Consolidation Processes	Trends in Machine Tools Design
Green and Sustainable Manufacturing	Automation and Smart Systems

Efforts would be made to publish selected papers in conference proceedings and journals

Curtain Raiser Events

The following curtain raiser events have also been planned ahead of the conference:

- Winter School on Additive Manufacturing
- Summer School on Numerical Modelling and Simulations in Manufacturing Technologies
- Doctoral School on Digital Manufacturing

Sponsorship Details

Platinum Sponsorship	: Rs. 5,00,000/-
Gold Sponsorship	: Rs. 3,00,000/-
Silver Sponsorship	: Rs. 1,50,000/-
Rates for Exhibition Stalls (6'x8')	: Rs. 50,000/- for three days
Rates for Exhibition Stalls (12'x8')	: Rs. 80,000/- for three days

An exhibition by prominent industries and R & D organizations is also planned.

Registration Fee*

	Early Bird (till 15 th Aug 2023)	After (till 15 th Oct 2023)
Indian Nationals		
Delegates from Industries:	Rs. 14,000/-	Rs. 15,000/-
Academicians	: Rs. 6,000/-	Rs. 8,000/-
Research Scholars & Students	: Rs. 3,000/-	Rs. 3,500/-
Accompanying Persons	: Rs. 2,000/-	Rs. 2,500/-
International		
Delegates from Industries:	USD 300	USD 350
Academicians	: USD 200	USD 250
Research Scholars	: USD 100	USD 125
Accompanying Persons	: USD 100	USD 125

*Additional 18% GST will be borne by the participants.

Deadlines

Long Abstract (02 Pages)	: 15 th May 2023
Full Paper Submission	: 31 st July 2023
Early Bird Registration	: 15 th August 2023
Camera Ready Paper	: 15 th September 2023

Kindly refer to the conference website for updates on important dates.

Contact Details

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9th International
 &
 30th All India
 Manufacturing Technology,
 Design & Research Conference
 (8th to 10th December 2023)

AIMTDR 2023

Theme :

Inclusive Manufacturing : A Paradigm Shift



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 प्रौद्योगिकी
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