About MATHED-22

The conference is named as MATHED-22. The conference intends to provide a general platform to various academicians, scientists, research scholars, and industry persons throughout the globe working in the broad areas of Mechanical Engineering (Design, Thermal, and Manufacturing Engineering) and allied areas to exchange and share their experiences and research with the world.

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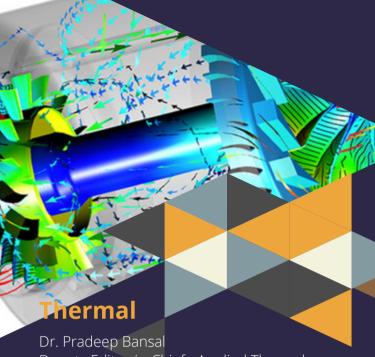
National Institute of Technology Hamirpur is one of the thirty-one NITs of the country, which came into existence on 7th August 1986 as Regional Engineering College, a joint and cooperative enterprise of the Govt. of India and Govt. of Himachal Pradesh.

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About Department of Mechanical Engineering

The Department of Mechanical Engineering has evolved into one of the finest in terms of teaching curriculum and methodology supported by a well-organized and adequately funded research program. The Department has a very well-established B. Tech. program complemented by three M. Tech. programs in Design, Thermal, and Manufacturing.





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KEYNOTE Speakers

Manufacturing

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MATHED-22 15-17, February 2023

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Conference Themes

Topics for MATHED-22 include three different core streams of Mechanical Engineering with Fundamental, Numerical / Computational and Application, but are not limited, to the following:

Manufacturing

- Artificial Intelligence in Manufacturing
- Automation and Production Control
- Computer-Based Manufacturing Technologies
- Machining Processes
- Mechatronics and Robotics
- Nanomaterials and Nanomanufacturing
- Rapid Manufacturing Technologies and Prototyping
- Real-Time Enterprise Control
- Robust Design and Quality Engineering
- Stochastic Models and Decision Analysis
- Supply Chain Systems

Thermal

- Computational Fluid Mechanics
- Micro, Nano-scale Transport
- Turbomachinery
- Propulsion and Power
- Heat and Mass Transfer
- Renewable Energy
- IC Engines and Biofuels
- Flow Measurement and Flow Visualization
- Circular Economy and Sustainability
- Nanofluids

Design

- Applied and Computational Mechanics
- Finite Element Modelling and Simulations
- Extended FEM, Meshfree Methods
- Engineering System Design
- Fracture Mechanics/Solid
 Mechanics/automotive Mechanics,
 Fatigue and Failure of Components
- Tribology and Contact Mechanics
- Vibration, Acoustics, Noise and Control, Condition Monitoring

Selected papers covering conference theme will be published in conference proceeding/book series index in Scopus/Web of Science.

Important Dates

Last date of submission: **30, Nov. 2022**Submission extended up to: **31, Dec. 2022**Notification of Acceptance: **15, Jan. 2023**

Registration ends: 10, Feb. 2023

Submission Link:

https://easychair.org/conferences/?conf=methed2022

Paper template: https://rb.gy/edro3d

Registration Fee Details

National and International Participants (GST + Transaction charges are additional)

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 International

 Academia/R&D:
 2000 (INR)
 200 (US\$)

 Industry
 : 4000 (INR)
 250 (US\$)

 Students
 : 1000 (INR)
 100 (US\$)

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