

## About the Conference

The IMME-2022: International Conference on Innovations in Mechanical and Materials Engineering aims to bring together leading academic scientists, researchers, engineers and industrial professionals to exchange and share their experiences and research results about all aspects of Materials, Design, Manufacturing, Energy, Industrial Management and automation approach towards sustainable development. This conference provides the premier interdisciplinary forum to discuss the most recent innovations, trends and concerns, practical challenges encountered and the solutions adopted in the field of Product Design, Manufacturing and Energy management through keynote lectures and paper presentation.

## Scope of the Conference

The event will draw assemblage of people of illustrious personalities from diverse fields. It will also act as a single platform for knowing and exchanging latest updates related to various aspects of mechanical engineering. The scope of this conference is multidisciplinary and invites original work to be presented in various streams.

## Call for papers

Topics of interest for submission include, but are not limited to:

### Materials and Design

Material selection  
Design of Mechanical Systems  
Product Design Concepts  
Design of Experiments  
Design for Manufacture & Assembly  
Failure Mode and Effect Analysis  
Fatigue and Fracture  
Mechanical Vibration, Noise and Acoustics  
Materials and Characterization  
Ceramics, Polymers and Composites  
Biomaterials, Self Healing and Smart Materials

### Manufacturing Engineering

Green Manufacturing  
Bio-manufacturing  
Additive Manufacturing  
Advancement in Machine Tool Design  
Computer Aided Manufacturing and Reverse Engineering  
Conventional & Unconventional Manufacturing Processes  
Hybrid Manufacturing Processes and Technology  
Modeling, Optimization and Simulation in Manufacturing  
Powder Metallurgy  
Micro and Nano Manufacturing  
MEMS/NEMS  
Metrology and Quality Aspects in Engineering

### Energy and Environment

Green Energy  
Biofuels/Bio-energy, Solar and Wind Energy

Energy Storage & Energy Management  
Hybrid Energy Systems  
Waste to Energy Technologies  
Advanced Energy Technologies  
Energy Policy, Planning & Management  
Climate Change and Global Warming  
Environmental Remediation Engineering  
Power Plant Engineering

### Industrial Management and Automation

Product Life Cycle Management  
Economics of Product Development  
Environmental Impact of Industrial Management  
Financial Management, Project Management  
Human-Machine Interface in Industry  
Industrial Automation and Robotics  
Industrial Entrepreneurship  
Industry 4.0  
Logistics/Network and Project Management  
Supply Chain Management  
Knowledge Management and Expert Systems



## About the Institute

Conforming to its motto 'SIDDHIRBHAWATI KARMAJA' Motilal Nehru National Institute of Technology Allahabad is churning out engineers, entrepreneurs and social scientists of sterling worth. Today MNNIT stands as an epitome of excellence, knowledge and achievements. The foundation stone of the Institute was laid by Late Pd. Jawaharlal Nehru, the first Prime Minister of India on May 3, 1961 and inaugurated by Late Shri Lal Bahadur Shastri, the second Prime Minister of India on April 18, 1965. Situated at the confluence of three mighty Indian rivers: Ganga, Yamuna and Saraswati, MNNIT boasts of a rich and diverse cross-cultural environment with students coming from across the national and around the globe for various undergraduate, post graduate and doctoral programmes. The Institute's lush green campus spreads over 222 acres with the development of an impressive infrastructure.

## About the Department

The Department of Mechanical Engineering is one of the oldest and the largest department in terms of faculty, students and activities in various directions in MNNIT Allahabad, Prayagraj. The department offers two Bachelor of Technology programmes in the area

of Mechanical Engineering and Production & Industrial Engineering. Department also offers four semester Master of Technology programmes in Mechanical Engineering with the specialization of Computer Aided Design and Manufacturing (CAD/CAM), Design Engineering, Product Design and Development (PDD), Production Engineering, and Thermal Engineering. Department also have significant number of PhD students who are working in different areas of Mechanical and Interdisciplinary domain. The department is also a QIP centre for PhD and M.Tech.

## Guidelines for Paper submission

High quality unpublished original research contributions describing conceptual, constructive, experimental, analytical and theoretical work towards sustainability and management are cordially invited for the conference. The full length paper is restricted to maximum of 8 pages, including figures, tables, references etc. The template for full paper is available at [www.imme2022.com/template](http://www.imme2022.com/template). Paper submission will be through Easy Chair portal.

## Publications

All accepted and registered papers will be published in the Scopus Index conference proceeding/book series. Selected submissions will be considered for publication in special/regular issues of Scopus/SCI/SCIE/ESCI-indexed journals. More journals to be included (visit the website for updates). Best Paper Awards and Best Poster Awards will also be presented.

## Important Dates

Last date for submission of full length paper : Aug. 31, 2022  
Notification of final acceptance : Sept. 30, 2022  
Last date of Registration : Oct. 15, 2022  
Conference Date : Nov.4 - 6, 2022

## Fee Structure:

Indian Delegates (Students)	: ₹5,000.00
Indian Delegates (Faculty)	: ₹8,000.00
Indian Delegates (Industry)	: ₹10,000.00
Indian Participation only (outside MNNIT)	: ₹4,000.00
Foreign Delegates (Students)	: USD 250.00
Foreign Delegates (Faculty)	: USD 400.00
Foreign Delegates (Industry)	: USD 500.00
Foreign Participation Only	: USD 200.00

## Bank Account Details:

All payments should be made through online electronic transfer in the account of conference with following detail:

Beneficiary Name	: NON FORMAL CONTINUING OF EDU
Account No	: 10424975574
Bank	: SBI, MNNIT Allahabad
IFSC	: SBIN0002580

### About the City

Prayagraj (Erstwhile Allahabad) is well known throughout the country for its purity and cleanliness that the city has maintained for many years. It's a holy and religious place and the meeting point of three most pious rivers namely Ganga, Yamuna and invisible Saraswati. The city has always been associated with well-known personalities of the country which has aggrandized the glory of the city. The city has many governmental institutions which include MNNIT Allahabad, High Court, Allahabad University & tourist places like Holy Sangam, Bhairav Ashram, Museum, Narayani Ashram, Akshayavat etc. Wide and clean roads with statues at regular squares form a part of the attraction of the city.

Prayagraj city is situated in the north part of India in the Awadh region of state of Uttar Pradesh. It is well connected with flights, rail and road transport to other parts of India. Daily trains, buses and flights are available from major cities in India. The city has its own domestic airport named Prayagraj Airport which is 15 km away from the heart of the city. Good road services are available in Prayagraj. UPSRTC buses offer service to most of the cities in Uttar Pradesh. From Prayagraj bus services are available to as far as Delhi (650 km) and Kolkata (800km). For more details related to tourist places, places of interest and other details, please log-on to <http://prayagraj.nic.in/>.

### Sponsorship Details

The international conference is an opportunity to interact and publicize the product and services of leading industries. The organizing committee extends a very warm invitation to sponsor this important national event. By virtue of sponsorship, such organizations are entitled to the following privileges:

Platinum	: ■3,00,000.00 (5 delegates free, Logo on all materials, Banner)
Diamond	: ■2,00,000.00 (4 delegates free, Logo on all materials, Banner)
Gold	: ■1,00,000.00 (3 delegates free, website Logo, Banner)
Silver	: ■50,000.00 (2 delegate free, Website Logo, Banner)
Bronze	: ■25,000.00 (1 delegate free, Website Logo, Banner)

A conference abstract book will be published to commemorate the occasion, which will be distributed to dignitaries, delegates, corporate members and will be sent to various related organizations across the country. It has been decided to accept selected advertisements as per the following rates:

Back cover outside (color)	: ■20,000.00
Back cover inside (color)	: ■15,000.00
Front cover inside (color)	: ■15,000.00
Inside full page	: ■10,000.00
Flex banner	: ■5,000.00

*All enquires and request regarding sponsorship may be addressed to the correspondence notified in the contact details.*

### Organizing Committee

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### Contact Details

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# International Conference On Innovations in Mechanical and Materials Engineering **IMME 2022**

**4 – 6 November, 2022**



**Organized by**

**Department of Mechanical  
Engineering  
Motilal Nehru National Institute of  
Technology Allahabad  
Prayagraj – 211004, INDIA**