**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.

**ANNEXURE-VI**

**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.Full papers will be communicated 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 (Industry) : [Indian Rupee symbol.svg](http://en.wikipedia.org/wiki/File:Indian_Rupee_symbol.svg)5,000.00

# Indian Delegates (Academia) : [Indian Rupee symbol.svg](http://en.wikipedia.org/wiki/File:Indian_Rupee_symbol.svg)2,000.00

# Indian Delegates (Student) : [Indian Rupee symbol.svg](http://en.wikipedia.org/wiki/File:Indian_Rupee_symbol.svg)1,000.00

# Foreign Delegates : USD200.00

# Foreign Delegates (Student) : USD100.00

**Bank Account Details:**

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

Beneficiary Name : IMME 2022

Account No .: ----

Account Type : Current Account

Bank : Bank of Baroda, MNNIT Allahabad - 211004

IFSC : BARB0VJMNRE (fifth digit is Zero)

**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, Bhardwaj 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, 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 : [Indian Rupee symbol.svg](http://en.wikipedia.org/wiki/File:Indian_Rupee_symbol.svg)2,00,000.00 (4 delegates free, Banner)

Gold : [Indian Rupee symbol.svg](http://en.wikipedia.org/wiki/File:Indian_Rupee_symbol.svg)1,00,000.00 (3 delegates free, Banner)

Silver : [Indian Rupee symbol.svg](http://en.wikipedia.org/wiki/File:Indian_Rupee_symbol.svg)50,000.00 (2 delegates free, 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) : [Indian Rupee symbol.svg](http://en.wikipedia.org/wiki/File:Indian_Rupee_symbol.svg) 20,000.00

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

**Conference Chairs**

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| --- | --- |
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| General Chair: | Prof. K. N. Pandey, Head, MED |
| Conference Chair: | Prof. A. K. Dubey |
| Sponsorship Chair: | Prof. Mukul Shukla |
| Sponsorship Co-Chair: | Dr. Bireswar Paul |
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| Finance Chair: | Prof. M. K. Khurana |
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| Workshop Chair: | Dr. Ravindra Kumar Patel |
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| Organizing Secretary: | Dr. Manish Gupta |
| Joint Organizing Secretary: | Dr. Tej Pratap |

**Contact Details**

|  |  |
| --- | --- |
| **Dr. Manish Gupta**  **Organizing Secretary**  **Department of Mechanical Engineering**  **MNNIT Allahabad,**  **Mobile: 98387-17234** | **Dr. Tej Pratap**  **Joint Organizing Secretary**  **Department of Mechanical Engineering**  **MNNIT Allahabad**  **Mobile: 98358-64273** |
| **Email:** [**imme2022@mnnit.ac.in**](mailto:imme2022@mnnit.ac.in)  **Website: www.mnnit.ac.in/imme2022** | |

**International Conference**

**On**

**Innovations**

**in**

**Mechanical and Materials Engineering**

**IMME 2022**

**4 – 6 November, 2022**

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**Organized by**

**Department of Mechanical Engineering**

**Motilal Nehru National Institute of Technology Allahabad**

**Prayagraj – 211004, INDIA**