

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. 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) : ₹5,000.00
Indian Delegates (Academia) : ₹2,000.00
Indian Delegates (Student) : ₹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 : ₹2,00,000.00 (4 delegates free, Banner)
Gold : ₹1,00,000.00 (3 delegates free, Banner)
Silver : ₹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) : ₹ 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.

Conference Chairs

Patron:	Prof. Rajeev Tripathi, Director
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
Keynote Chair:	Dr. Samir Saraswati
Keynote Co-Chair:	Dr. Bhore Skylab P.
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Technical Programme Chair:	Dr. Praveen Kumar Agarwal
Technical Programme Co-Chair:	Dr. Jitendra Narayan Gangwar
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Industrial Co-Chair:	Dr. Y. G. Bala
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Hospitality Co-Chair:	Dr. Rahul Dev
Website Chair:	Dr. Ashwini Kumar Yadav
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Organizing Secretary:	Dr. Manish Gupta
Joint Organizing Secretary:	Dr. Tej Pratap

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International Conference On Innovations in Mechanical and Materials Engineering IMME 2022

4 – 6 November, 2022



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Department of Mechanical
Engineering
Motilal Nehru National Institute of
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