



2nd National Conference on
Recent Advancements in Manufacturing Technology & Management
RAMTM – II 2025

16 - 17th January 2025



JADAVPUR UNIVERSITY: A LEGACY OF ACHIEVEMENTS

Jadavpur University, established in 1906 under The National Council of Education, Bengal, is one of the oldest universities in the country. It emerged from the nationalist movement initiated by the intellectuals and thinkers of Bengal. The university has a rich history and has been a significant center of higher education since its inception.

The university comprises several faculties, including Engineering, Arts, and Science, alongside numerous interdisciplinary schools under the Faculty of Interdisciplinary Studies, Law, and Management. These faculties and schools offer a diverse range of programs and research opportunities, reflecting the university's commitment to academic excellence and innovation. According to the NIRF 2024 Ranking, Jadavpur University has achieved remarkable positions

across various categories: 2nd among State Public Universities, 9th among Universities, 12th in Engineering, 21th in Research, 18th in Pharmacy, 17th in the Overall Category. These rankings underscore the university's dedication to maintaining high standards in education, research, and overall institutional performance.

DEPARTMENT OF PRODUCTION ENGINEERING

The Production Engineering Department at Jadavpur University was founded in 1980 by the renowned researcher and academician, Late Prof. Amitava Bhattacharyya. It is a leading center for manufacturing sciences and management in India, known for its excellent track record in student employment, with many students securing multiple job offers from campus interviews. The department excels in research and development, ranking among the top in mechanical, manufacturing, production, and industrial engineering departments in India according to the Scopus database. It also manages numerous projects funded by agencies like DST, BARC, CSIR etc. These recognitions and supports highlight the department's excellence in teaching, research, and its status as a premier center of learning.



ABOUT THE CONFERENCE

The Recent Advancements in Manufacturing Technology & Management (RAMTM–II 2025) conference will take place at the Department of Production Engineering, Jadavpur University, Kolkata, India, on January 16 - 17, 2025. This conference aims to provide a collaborative platform for experts from precision, meso, micro, and nano engineering industries, academic institutions, and R&D organizations to interact and exchange ideas. The conference seeks to facilitate networking among participating institutions, organizations, and industries to address shared challenges and advance manufacturing technology in these specialized areas. RAMTM–II

continues to expand as a forum where manufacturers, researchers, and academics can connect and keep pace with innovations in manufacturing technology.



ADVISORY COMMITTEE

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Vijay Kumar Meena, Sr. Principal Scientist, CSIR-CSIO, Chandigarh, India

CALL FOR PAPERS

Potential authors are encouraged to submit research papers (maximum of 10 pages) on the specified themes that have not been submitted elsewhere. All submitted papers will be subjected to a blind peer review process, with acceptance decisions contingent upon factors such as quality, originality, technical content, and relevance. The conference will be conducted primarily in an offline mode, with a virtual presentation option available for participants unable to present physically.

CONFERENCE TOPICS

Papers are called in the following tracks, but not limited to:

- Additive Manufacturing
- Advance Machining Processes
- AI in Manufacturing
- Applications of Lasers in Manufacturing & Measurement
- Automation
- Design & Development of Production Systems
- Emerging Manufacturing Technologies
- Green Technology & Sustainable Manufacturing
- Industry 4.0 and IoT
- Industrial Ergonomics
- Laser Material Processing
- Logistics & Supply Chain Management
- Manufacturing for Defense, Naval, Nuclear, and Aerospace Application
- Mechatronics & Robotics
- Modeling & Simulation of Production Systems
- New Generation Forming & Welding Technology
- Optimisation of Production Systems
- Precision & Micro-Manufacturing
- Safety Engineering & Management

PAPER SUBMISSION

Authors are required to submit their full-length manuscripts, consisting of maximum 10 pages, through the provided Google form: <https://forms.gle/QFwTKKvfHzVK32J9A>. It is important to follow the guidelines specified in the paper template on the conference website: <https://www.ramtm.com>. Email submissions are strictly forbidden and will not be accepted under any scenario.

PUBLICATIONS

All accepted papers will be published in the conference proceedings by reputable publishers like Springer or equivalent (SCOPUS indexed). Selected papers will be submitted to SCI/SCOPUS journals of esteemed publishers (Springer or equivalent) for consideration. For detailed information, please visit the conference website: <https://www.ramtm.com>.

ORGANIZING COMMITTEE

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IMPORTANT DATES

Full Paper Submission:	30 th November 2024
Notification of Acceptance:	15 th December 2024
Camera Ready Paper:	30 th December 2024
Registration Deadline:	30 th December 2024
Conference Dates:	16 - 17 th January 2025

REGISTRATION FEES

Participant Type	Fee
Research Scholar & Student	3500 + 18% GST (INR)
Academician / Scientist	6000 + 18% GST (INR)
Delegates from Industries	8000 + 18% GST (INR)

REGISTRATION LINK

After receiving the acceptance email for the manuscript, complete the registration process by following the link below:

<https://www.onlinesbi.sbi/sbicollect/icollecthome.htm?saraID=-983154366>

SPONSORSHIP

RAMTM-II 2025 offers industries and sponsors an unparalleled opportunity to collaborate with leading experts in engineering and technology from both India and abroad. This collaborative opportunity allows sponsors to broaden their networks, promote their products, and increase brand visibility. It also provides a venue for showcasing innovative technologies and research findings to a national audience.

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