

**AICTE sponsored ATAL online
one week Faculty
Development Programme
on
Advancements and Applications of
Sustainable Additive
manufacturing and Industry 4.0
November 10–15, 2025**



Organized by:

**Department of Mechanical Engineering
Faculty of Engineering & Technology
Jamia Millia Islamia, New Delhi-110025**

<https://www.jmi.ac.in/>

Jamia Millia Islamia

Jamia Millia Islamia made a modest beginning in 1920 at Aligarh, with the resolute determination of its founding members--Shaikhul Hind Maulana Mahmud Hasan, Maulana Muhammad Ali Jauhar, Jenab Hakim Ajmal Khan, Dr. Mukhtar Ahmad Ansari, Jenab Abdul Majeed Khwaja, and Dr. Zakir Hussain to create an institution that would

manifest indigenous ethos and spirit of plurality. It was conceived as a national institution that would offer progressive education and nationalist ideals to students from all communities, particularly the Muslims. The emergence of Jamia was supported by Gandhiji and Tagore, who felt that Jamia could shape lives of hundreds and thousands of students based on a shared culture and worldview. Jamia's development is marked by sacrifices made by the staff and students and a host of individuals who contributed through myriad efforts. NAAC has accredited the University with A++ grade for five years. The institution has a scenic and serene campus that provides an environment which is conducive for personal and intellectual growth. Excellent facilities act as a facilitator for the effective delivery of the curriculum. Faculty of encouragement in their areas of interest by the University. The institution places the highest priority on providing a diverse & innovative environment that includes both traditional classroom theory and professional skill training, and University CBCS gives them an academic advantage. The University has been placed at 4th position in the MHRD's National Institutional Ranking Framework (NIRF) in 2025.

Mechanical Engineering Department

Department of Mechanical Engineering provides students with sound mechanical engineering education, enhance their understandings and application of mechanical engineering principles for techno-socio-economic development of the country, and improve the quality of life of citizens through teaching, research and outreach programs.

Department offers eight-semester Bachelor of

Technology program with an annual intake of 70, four-semester M. Tech. Program with a yearly intake of 30 in three broad areas of Mechanical Engineering, namely Production-Industrial Engineering, Machine Design and Thermal Engineering. Department offers a PhD program for disciplinary and multi-disciplinary research. Specializations of academic staff provide a stimulating environment for research. A suitable number of academic staff enjoys international recognition and has received many prizes for excellent research, peer-reviewed articles and has delivered contributions by invitation to conferences etc. It excels in HVAC, SCM, FSW, Renewable energy, Additive Manufacturing and Tribology.

Department is PURSE, FIST & SAP supported and has also executed good projects from DST, MNRE, and AICTE.

Guidelines for Participants

- **Register through the link: [AICTE Registration] (<https://www.aicte-india.org/atal>) only.**
- Participants are abiding by the rules and regulations governing the AICTE sponsored FDP on Advancements and Applications of sustainable Additive manufacturing and Industry 4.0.
- Attendance of 80% is mandatory.
- Obtain 70% or above in the test conducted at the end of the FDP to be eligible for a certificate.
- Registration is free of cost.
- **Last date for registrations: November 09, 2025.**
- Eligibility: Faculty members, research scholars, PG scholars from AICTE/UGC/MHRD-approved academic institutes and industry professionals working in private, public, or government organizations

On successful completion of the programme, each participant will be awarded a certificate of participation by AICTE.

Focus areas of the programme

- Basics of Additive Manufacturing (AM) and Industry 4.0
- Sustainability Aspects of AM and Industry 4.0
- AM fundamentals and research directions
- AM and Industry 4.0 for healthcare
- Advancements and applications areas of AM and Industry 4.0
- Future of AM and Industry 4.0

Contact us

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Chief Patrons

Prof. Mazhar Asif

Vice Chancellor
Jamia Millia Islamia, New Delhi

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Prof. Zulquernain Mallick

Head, Dept. of Mechanical Engineering
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