

**One week Online  
Faculty Development Programme  
on  
Additive manufacturing for  
Sustainability and Industry 4.0  
November 18-22, 2024**



**Organised 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 Engineering and Technology has state-of-the-art facilities for its students, and they are given 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 is placed at 3<sup>rd</sup> position in the MHRD's National Institutional Ranking Framework (NIRF) since last 3 years.

**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. Specialisations 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.

**About the Programme**

Department of Mechanical Engineering is organising a week-long online Faculty Development Programme (FDP) on “**Additive manufacturing for Sustainability and Industry 4.0**” from 18.11.2024 to 22.11.2024. The program is open to faculty and PhD scholars from AICTE recognised engineering institutions. Limited seats are available in this program. Merit and availability of seats will be taken into consideration while selecting candidates. The application on the enclosed form duly signed by the sponsoring authority should reach us by E-mail and also submit in the Google form link (scanned copy of duly filled form) latest by **12.11.2024**.

Candidates are also required (must) to apply on the following Google link.

<https://forms.gle/TJ98bgBtf5SrBKZp7>

The candidate will be informed of his/her selection in advance through email. Lectures will be delivered by experts from premier institutes of the country and Industry.

**There is no registration fee from any participant.**

On successful completion of the program, participants will be awarded a certificate of participation. Focus areas of this program include the following:

- 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
- Broad applications areas of AM and Industry 4.0
- Future of AM and Industry 4.0

#### Contact us

**Dr. Tauseef Uddin Siddiqui**

Coordinator

Email: tsiddiqui3@jmi.ac.in

**Dr. Mohd Javaid**

Co-Coordinator

Email: mjavaid@jmi.ac.in

Contact No: +918433408964 and +917840020452

Department of Mechanical Engineering

Faculty of Engineering & Technology

Jamia Millia Islamia, New Delhi -110025

#### Chief Patron

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Vice-Chancellor

#### Patron

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Dr. Mohd Shoeb

#### Coordinator

Dr. Tauseef Uddin Siddiqui

#### Co-Coordinator

Dr. Mohd Javaid

## Registration Form

One week Online Faculty Development  
Programme  
from Nov 18- 22, 2024

on

### Additive manufacturing for Sustainability and Industry 4.0

at

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

Name:\_\_\_\_\_

Email:-----

Qualification-----Designation\_\_\_\_\_

Name & Address of Institution\_\_\_\_\_

Reasons of attending this course\_\_\_\_\_

Mobile No\_\_\_\_\_

Signature of participant (with date)

Signature and seal of forwarding authority