

# AICTE Training and Learning (ATAL)



अखिल भारतीय तकनीकी शिक्षा परिषद्  
All India Council for Technical Education

## Academy Program

on

## Additive Manufacturing (AM) Applications

November 4 - 8, 2019



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 (2015-2020). 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 12 position in the MHRD's National Institutional Ranking Framework (NIRF).

### 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, 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. Presently it is executing a DST project under Mission Innovation of 2.68 crores.

### About the Programme

Department of Mechanical Engineering is organising a week-long Faculty Development Program (FDP) on “**Additive Manufacturing Applications**” from 04.11.2019 to 08.11.2019. The program is open to teachers 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 speed post/E-mail (scanned copy of duly filled form) latest by **25.10.2019**.

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

[https://docs.google.com/forms/d/e/1FAIpQLScRpMS\\_ZXRb86cQqxi6TaE2cCVw9OYD34ygwmOFPNX YrN-Z6g/viewform](https://docs.google.com/forms/d/e/1FAIpQLScRpMS_ZXRb86cQqxi6TaE2cCVw9OYD34ygwmOFPNX YrN-Z6g/viewform)

The candidate will be informed of his/her selection in advance through email. Lectures will be delivered by experts from JMI, Apollo hospital and Industry.

There is no registration fee from any participant. No TA/DA will be given to any participant, and they will have to make their own stay arrangements. On successful completion of the program, participants will be awarded a certificate of participation by respective ATAL academy. Focus areas of this program include the following:

- Basics of Additive Manufacturing
- Different scanning technologies as being used in Additive Manufacturing
- 3D printing processes and technologies
- Medical Applications of AM
- Engineering applications of AM
- Future of Additive Manufacturing
- Laboratory practices in Scanning and printing
- Industrial visit and interactions with experts

#### Contact us

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Department of Mechanical Engineering  
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#### Chief Patron

Professor Najma Akhtar  
Vice-Chancellor

#### Patron

Prof Ibraheem  
Dean, Faculty of Engineering

#### Chairman

Prof M Emran Khan  
Head, Dept.of Mechanical Engineering

#### Advisory Committee

Prof Bopanna Choudhary, West Indies  
Prof Raju Vaishya, Appolo Hospital  
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Prof Ranganath, DTU  
Dr Tapan Sahoo, Maruti Suzuki  
Prof Banwait, NITTTR Chandigarh  
Mr Anuj Kumar, Mavric solutions

#### Programme Committee

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Dr Ali Hasan  
Dr Mohd Asjad  
Dr Tasmeeb A Khan  
Mr Mohd Shoeb

#### Coordinator

Professor Abid Haleem

#### Co-Coordinator

Dr Mohd Javaid

## Registration Form

AICTE Training and Learning (ATAL) Academy  
Program from November 4- 8, 2019  
on  
Additive Manufacturing (AM) Applications  
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 (50 words )\_\_\_\_\_

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

Signature of participant (with date)

Signature and seal of forwarding authority