

Registration Form

- 1.Name (in Capital):
 - 2.Designation:
 - 3.Institute /Organization:
 - 4.Address for Communication:
 - 5.Category (GN/OBC/EWS/SC/ST):
 - 6.PWD- YES/NO
 - 7.Gender: Male/Female
 - 9.E-mail:
 - 10.Mobile No.:
 - 11.Highest educational qualification:
 - 12.Any other information:
- Place:
- Date:
- Signature of the applicant:

ABOUT THE INSTITUTE

The National Institute of Technology, Arunachal Pradesh was established in the year 2010 by MHRD, Govt. of India and was inaugurated on 18th of August, 2010 as a member of a group of ten new NITs. These new NITs were established as centres of excellence in technical education to combat the growing need for technological professionals in India as well as in the world. It is one of the 31 National Institutes of Technology in India and is recognized as an Institute of National Importance. Presently the Institute is running in the project phase with a yearly intake of 180 undergraduate students in five major Engineering departments such as Civil Engineering, Computer Science and Engineering, Electrical Engineering, Electronics and Communication Engineering and Mechanical Engineering. Each department is equipped with well-established state-of-the-art laboratories to cater the holistic development of the students. Despite of few geographical constraints, the Institute has thrived through rigorous challenges and has evolved to see new heights with a present capacity of 850 students pursuing various bachelor, master as well as doctorate degrees from the departments. The faculty and student of the Institute are also engaged in various R&D projects sponsored by various Government agencies and the current value of such running project is around 10 Crore. The Institute participated in the NIRF 2024 and ranked 125 in the Engineering category.

BACKGROUND

Additive Manufacturing (AM), commonly known as 3D printing, has revolutionized product design and manufacturing by enabling rapid prototyping, complex geometries, and efficient

material usage. Combined with Computer-Aided Design (CAD), AM facilitates the development of innovative products with reduced lead times and enhanced performance.



This workshop is designed to provide participants with a hands-on understanding of various AM processes, CAD modeling techniques, and their application in new product development. The program covers theoretical concepts, practical exercises, and a project-based approach to designing, and fabricating prototypes using AM.

OBJECTIVE

- 1.To Gain hands-on skills in designing and fabricating prototypes using AM technologies and CAD tools.
2. Apply Design for Additive Manufacturing (DfAM) principles to create optimized and manufacturable product designs.

EXTERNAL SPEAKERS

This one-week workshop is to bring student to interact, exchange ideas and establish collaborative research with expert from reputed institutes and research centre within India. The expert will deliver the lecture in the core as well as interdisciplinary areas of designing and manufacturing the product by using additive manufacturing.

ELIGIBILITY

Participants from Engineering, Polytechnic Institutes, Entrepreneurs, MSME with UDYAM registration and also students wanted to take of additive manufacturing as a career to the enhance their knowledge and learn business opportunities.

SELECTION CRITERIA

Number of seats: 25 (Selection will be based on first cum first severed basis. However preference shall be given to ST/SC/OBC/PWD & Women Participants)

IMPORTANT DATES

Last date of registration: 24.02.2025
Mode of training: offline

ONLINE REGISTRATION

<https://forms.gle/dPGtUTqEnWAdtp3j6>



ACCOMMODATION AND FOOD

Limited lodging facilities will be provided for the participants based on the availability in hostel.

Refreshment & Lunch will be provided to all the participants on workshop days.

How To Reach NIT, Arunachal Pradesh

Vehicle will be provided by Institute for outside participants from Naharlagun Railways station to JOTE via Itanagar.

Chief Patron:

Prof. Mohan V Aware,
Director, NIT Arunachal Pradesh.

Organizing Chairman:

Dr. Manjula Das Ghatak

Convenor:

Dr. Sandip Kumar Mandal

Co-Convenor:

Dr. Ravi Ranjan Kumar

Coordinator:

Dr. Prases Kumar Mohanty

Organizing Committee:

Prof. Ram Prakash Sharma

Dr. Dipak Sen

Dr. Anup Paul

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Ministry of Micro, Small and Medium
Enterprises (MSME)
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**One Week Offline
Advanced - Entrepreneurship and Skill
Development Programme (A-ESDP)**

**On
Additive Manufacturing
Processes with CAD for
Development of a New Product**

25th February 2025 – 1st March 2025



Organised by:
Department of Mechanical Engineering
National Institute of Technology
Arunachal Pradesh, JOTE
India