



Three Months Certificate Programme
on

3D Printing



Department of Mechanical Engineering
&
Centre For Educational Technology
Indian Institute of Technology Guwahati



Programme Description:

This program is designed explicitly for the JCO/ORs of the Indian Armed Forces seeking post-retirement resettlement. To facilitate a successful transition of the officers from the defense forces to the manufacturing sector, the program aims to equip them with skills, insight, and vision to thrive professionally in an industry or entrepreneurial career. This course provides them a platform to familiarize themselves with the cutting-edge manufacturing technology known as 3D Printing. The program syllabus covers a wide range of topics, from the basics of engineering to advanced manufacturing. The hands-on training laboratories will develop the skill for operating/maintaining the 3D Printing Machines.

Key Components of the Programme:

- ❖ Manufacturing Techniques
- ❖ Engineering Terminologies
- ❖ Fundamentals of 3D Printing Techniques
- ❖ Plastic 3D Printing Laboratory: SLA
- ❖ Plastic 3D Printing Laboratory: FFF
- ❖ 3D Printing Lab
- ❖ Project/Industrial Project on 3D Printing

Tentative Course Start Date:

13th August, 2024 to 08th November, 2024



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