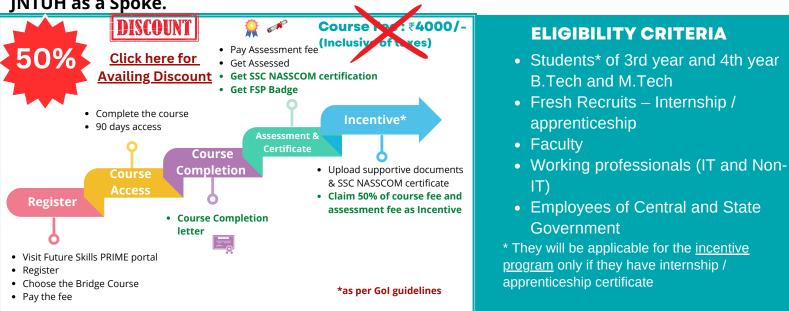
INTRODUCTION TO 3D PRINTING AND CAD MODELING



The objective of this course is to equip IT and Non-IT Professionals with strong fundamentals in Additive manufacturing. The course explains how additive manufacturing technologies overcome the limitations of conventional manufacturing technologies. This course is aligned to National Occupational Standards (NOS) defined under National Skill qualification framework. **The course is being offered at 50% discount if registered through CoE Cyber Security, JNTUH as a Spoke.**



SYLLABUS

- Introduction to Additive Manufacturing
- Evolution of 3D printing
- Various 3D printing technologies
- Fused deposition modeling (FDM) in detail

Familiarity with Mechanical Engineering

CAD Modeling

fundamentals.

Creating support less designs

PRE-REQUISITES

- Optimizing for orientation
- Achieving accuracy and fit
 - Prototyping using 3D Printer
- Design guidelines for printing
- Designing assemblies
- converting CAD model to STL format
- Print settings



- Online and self paced learning
- 90 day access to the online content

Basic CAD knowledge
Upskill now: https://futureskillsprime.in/course/Introduction-to-3D-printing-%26-cad-modeling

For further queries contact: 3dprinting@cdac.in



Ministry of Electronics & Information Technology Government of India



प्रगत संगणन विकास केन्द्र CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING

इलेक्ट्रॉनिकी और सूचना प्रौद्योगिकी मंत्रालय की वैज्ञानिक संस्था, भारत सरकार A Scientific Society of the Ministry of Electronics and Information Technology, Government of India

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