

FREE!

Government Officials Training On 3D Printing & Additive Manufacturing (GOT-Basic)



इलेक्ट्रॉनिकी एवं
सूचना प्रौद्योगिकी मंत्रालय
MINISTRY OF
ELECTRONICS AND
INFORMATION TECHNOLOGY
सत्यमेव जयते

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Additive Manufacturing (AM) is revolutionizing industries by enabling the creation of complex, customized products with unprecedented precision. This course provides a deep dive into the world of 3D printing, exploring its evolution, diverse processes, and real-world applications. From understanding the fundamentals of Fused Deposition Modeling (FDM) to mastering design guidelines and post-processing techniques, you'll gain essential skills for navigating this rapidly growing field. Join us in exploring the cutting-edge world of Additive Manufacturing (AM) through this comprehensive course, designed to give you both foundational knowledge and practical skills in 3D printing.

COURSE OBJECTIVES

Objective of this course is to demonstrate the viability of utilising Additive Manufacturing technology to develop product prototypes and develop skills to allow for prototype models for a range of products to be produced.

TARGET AUDIENCE

Employees/Faculty/Professionals working with State/Central Govt. including PSUs/Autonomous bodies/Research organisations/Govt Departments/Govt Colleges/Govt Universities

CERTIFICATE

Course completion certification will be issued to participants with minimum 80% attendance.

COURSE SYLLABUS

Module 1: Introduction to Additive Manufacturing

- >> Evolution of 3D printing Technologies.
- >> Classification of Additive Manufacturing Technologies
- >> Fused deposition modeling (FDM) in detail

Module 2: CAD Modeling

- >> Design of CAD Model and STL Conversion
- >> Applications of Additive Manufacturing.
- >> Selection of Additive Manufacturing process.

Module 3: Prototyping using 3D Printer

- >> Design guidelines for printing.
- >> FDM Slicer Print Settings.
- >> Post Processing in Additive Manufacturing

IMPORTANT DETAILS

Course Name:	CAD Designs to 3D Printing - Foundational Details
Duration:	40 hours / 5 days
Mode of training:	Virtual Instructor-Led Training (VILT) Online mode
Examination:	LMS based Quiz
Scorecard:	Scorecard will be issued to participants with minimum 50% score in LMS Quiz

REGISTRATION

- >> Interested participants can register by filling registration forms attached
- >> This is a Meity sponsored program. There is no registration fee as well as Training fee.
- >> Only limited seats are available. Registrations shall be made on "first come, first served" basis.

CONTACT DETAILS

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