



## COURSE OBJECTIVE

Display and demonstration of 3D printing machines. Hands on experience in fused deposition modeling to familiarise rapid prototyping tools as a way to communicate design ideas. To provide hands-on training on modeling assembly parts. Participants will get 3D printed model that they design

## COURSE STRUCTURE

### The 3D PRINTING REVOLUTION

History of 3D Printing

Instruction to different types of 3D printers

Materials & Applications of 3D printing

Why it is special? Difference from Traditional

Manufacturing techniques 3D printing in aerospace, medical and defence applications.

## MODELING

Introduction of 3D printing softwares

Orientation, Sketch, Model

Concepts of CAD

Manage and collaborate Assemblies

Rendering and drawings

Design of assembly

(Spur gear, HelicalScrew,simple design)

## FABRICATION

Live 3D printing show

Introduction of working

of 3D printer

PRINTING IN 3D



Engineering Machine India  
Unit no 2201A/ 22nd floor  
World Trade Centre  
Bangalore 560055



+919947340387



PRINTING IN 3D



STARTUP MISSION

