

IMAGINE



TECHYGUIDE

Follow Innovation!



IDEATE

3D

CHAMP



INNOVATE

WHAT YOU WILL GET?

1

24 Live Classes

2

Completion Certificate

3

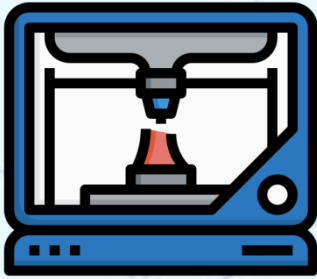
20 Activities

4

5 3D Printed Sample

3D PRINTED
Eiffel Tower



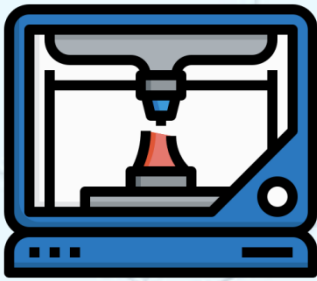


3D CHAMP

Getting Started With 3D Printing Technology

- 1 Introduction
- 2 Safety Precautions
- 3 Different Types and Process of 3d Printing
- 4 Architecture and Hardware Demonstration of 3D Printer
- 5 Additive v/s Conventional Manufacturing process
- 6 Materials used in 3D Printing
- 7 Buzz words of 3D printing
- 8 Applications Domains of 3D Printing





3D CHAMP

Getting Started With 3D Printing Technology

9 Advantages of 3D Printing

10 Process the 3D model using slicing software

11 Design of 3D model using advanced designing software

12 Common fault and troubleshooting



3D CHAMP ACTIVITIES



Atomic Force Microscope Model Activity



Bridge Building Activity



Five Screw Puzzles Activity



Gateway Arch Puzzle Activity



G-Clamp Activity

3D CHAMP ACTIVITIES



Ionic Bonding Model Activity



Jet Propulsion Balloon Rocket Car Activity



Optical Illusion Pinwheel Activity



Roberval Balance Activity



Spinning Top Orbital Series Activity

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