

IMAGINE



TECHYGUIDE

Follow Innovation!



IDEATE

3D CHAMP PRO



INNOVATE

WHAT YOU WILL GET?

1

32 Live Classes

2

Completion Certificate

3

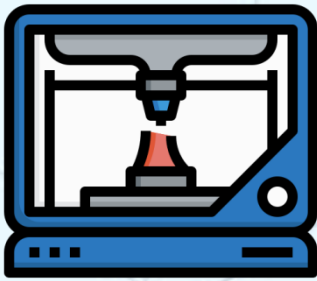
25 Activities

4

5 3D Printed Sample

3D PRINTED
Eiffel Tower



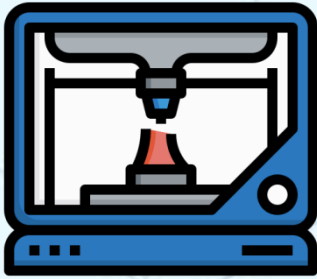


3D CHAMP PRO

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 Additive Manufacturing Techniques
- 8 Buzz words of 3D printing
- 9 Application Domains of 3D printing
- 10 Advantages of 3D Printing





3D CHAMP PRO

Getting Started With 3D Printing Technology

- 11** Process the 3D model using slicing software
- 12** Design of 3D model using different designing software's
- 13** Common fault and troubleshooting
- 14** Post Processing Techniques
- 15** Uses of 3D Pen



3D CHAMP PRO ACTIVITIES



Alpha Decay Model Activity



Archimedes Screw Activity



Atomic Orbital Collection Activity



Automatic Transmission Model Activity



Center of Mass Lesson - Balancing Bird Activity

3D CHAMP PRO ACTIVITIES



DNA Model Activity



Finding the Area of a Hexagon Activity



Finger Wrench Digit Spanner Activity



Fingerdigger Activity



Modular Math Gear Activity

3D CHAMP PRO ACTIVITIES



• Molecular Construction Kit Activity



• Molecules and Compounds Activity



• Oriceps-Origami Inspired Forceps Activity



• Self Watering Planter Activity



• Spring Motor Mechanism Activity

REACH US

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