

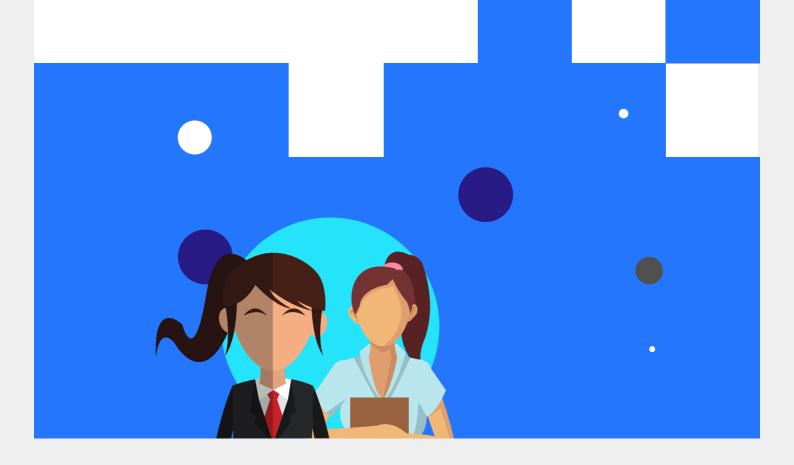






# Introduction to 3D Printing

**Go Beyond the Limit!** 



## Student Mentorship Programme

SMP (Student Mentorship Programme) is an initiative by STAR, UIET, Panjab University, aiming to enable constructive interaction between students and much more experienced alumni.

## **WORKING**



- Alumni across the world would help the students to follow similar path
- Guidance regarding modes of study, exam preparation, job opportunities.
- Information regarding application process, the area of interest and much more.

### **IMPORTANCE**



- First/second year students can understand the challenges and opportunities
- Academically weak students can improve with help of guidance
- To have positive role models
- Identifying problems of general student populace

## **CONTRIBUTE AS**

## **MENTOR**



 As an alumni, help our students through your experience and guide the with your valuable knowledge. - Register here

#### **MENTEE**



 Follow the path of people who have already achieved their goals, Star is providing you the opportunity to connect with them.
 Register here.

## **3D Printing**

Just like normal printing which yields a 2D object i.e. paper, we can directly print 3D objects, using a "3D printer". 3D Printing is a layer-by-layer deposition process using which we can fabricate any 3-dimensional shape or geometry.

## **Perks of the Course**



- Free of cost
- Online Sessions
- Participation Certificate
- Prize Money to the Topper
- For 2nd Year Students and above(All Branches)
- A semester-long course (February-May, 2022)
- 14 online seminars, each lasting one hour
- The minimum number of lectures required for participation is seven (50%).
- Saturday classes from 6-7 p.m.
- There will be a final test at the conclusion of the semester (End of May).

#### **Course Overview**



- Tessellation Language (Standard) (STL)
- SLS/M (Selective Laser Sintering/Melting)
- SLA (Stereolithography Apparatus), DLP (Digital Light Processing) (DLP)
- Multiple-Jet Printing (MJP)
- Manufacturing of Laminated
   Objects (LOM)
- 3D Printing at MIT (3DP)
- Modeling of Fused Deposition (FDM)
- Applications and Benefits of Hybrid Technologies
- A SolidWorks demonstration.

### **MENTOR**



**Yash Gopal Mittal** 

B.E-UIET, PU (2015-19)
PhD Scohlar, IIT BOMBAY
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## SCAN & REGISTER HERE!

LEARN MORE ABOUT THIS TECHNOLOGY AS A FREE SEMESTER-LONG (SAT-SUN)
PROFESSIONAL COURSE.

## **CONTACT US**

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