



# 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 them 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



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**PM Research Fellow**

**(PMRF)**





**SCAN &  
REGISTER HERE!**

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

## **CONTACT US**

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