

The popularity and awareness of 3D Printing is exploding. It is breaking down barriers in design and manufacturing, and making what was previously impossible, possible for anyone with just a basic understanding of the technology. Yes now we can make any Solid objects by just a device connected to our computer.

The Workshop:

The 3D Printing Workshop is a one day event exclusively for beginners who want to get complete knowledge on 3D Printing with hands on experiences and gain exposure to the every main facets of 3D Printing including 3D Modelling, 3D Scanning and 3D Slicing.

Who must Attend?

- Engineering Students from all branches and Architectural Students.
[35% of Engineering jobs now require 3D Printing skills- IEEE]
- Product Designers, Engineers, Architects, Teachers, Research People, Industrialists & Entrepreneurial minds.



Duration:

It is Single day Event for about 6-8 Hour with five major Division. The Duration is excluding the breaks. Kindly go through the detailed agenda attached below.

AGENDA - Maker Global 3D

[One Day Exclusive 3D Printing Workshop || 6-8 Hour]



1: Discovering 3D Printing - 3 Hour

- History of 3D Printing
- The Next generation Technology-why?
- The 3D Printing Process
- Types & Technologies of 3D Printing
- Materials used in 3D Printing
- Components and Specifications
- Current Applications & Future

2: Design/3D Modelling- 2 Hour

- Complete Knowledge on 3D Modelling [Google Sketchup/Tinkercad/Onshape-Any One] - **Hands on Training**
- Design Section is optional for Departments where design Included in their curriculum.

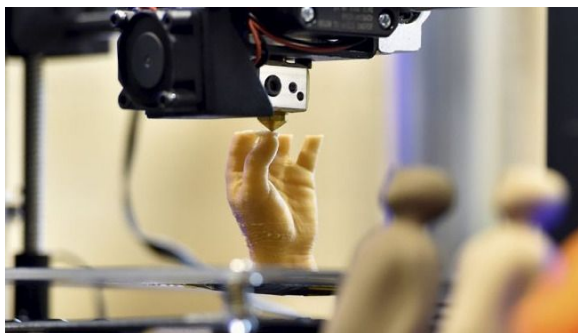
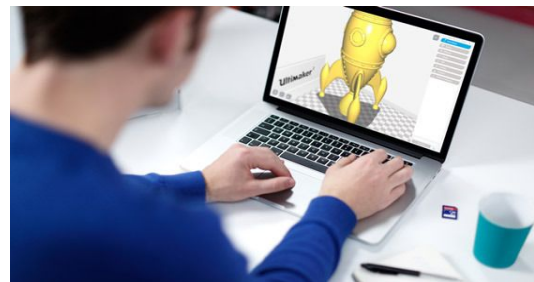


3: 3D Scanning & 3D Pen - 1.30 Hour

- Live Demo on 3D Scanning
- 3D Pen / 3Doodler Drawing- **Demo**
- There will be a competition on 3D Pen Drawing- Winner will be awarded 10 Hour Printing Service.

4: 3D Slicing- 1 Hour

- Working on Slicing- **Hands on**
- Slicing the 3D file into g codes
- Assigning parameters before print
- Tricks and Tips to get better print.
- Support Material generation



5: Open Ended Q & A - 30 Minutes

- Answering in detail for all queries.
- How to use 3D Printing further in Learning, Projects, Research etc..
- How Education can be revolutionized by Implementing 3D Printing.
- Watching the Live Print and exploring 3D Printed Products.

Different Modules of Training & their Content:

	Module 1: 3D Printing Seminar	Module 2: 3D Printing Workshop [For Design Departments]	Module 3: 3D Printing Workshop [For Non-Design Departments] OR (Common for Everyone)
For Whom?	Seminar for Anyone from any Backgrounds including Teachers and corporates.	Mechanical,Civil, Architecture, Product/Industrial Design Etc..	Electronics, Computers, Arts, Dental and other Non Design Departments.
Technical Talk	✓	✓	✓
3D Printing Demo	✓	✓	✓
3D Scan Demo	✓	✓	✓
3D Pen Demo	✓	✓	✓
Slicing Training	✗ (Demo)	✓	✓
Design Training	✗ (Demo)	✗	✓
Certificate	✓	✓	✓
Materials	✓	✓	✓
3D Printed Keychain	✗	✓	✓

Requirements:

- For Workshop- Hall or classroom with Projection and audio facility with seating and table (plug&play) as per numbers. Students must have laptop with mouse and charger compulsory during workshop. For a Workshop. Only 50-60 Students allowed per batch, More students can be divided into multiple batches for better learning.
- For Seminar- A Hall or Auditorium with Projection and audio facility considering participant numbers is needed. Students don't need their laptop if it is a seminar and also No limitations for number of participants.

For Further queries, Contact :

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Gallery Attached Below



Architecture



Automotive



Aerospace



Engineering



Education



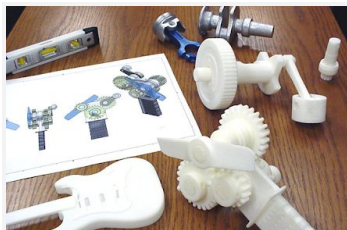
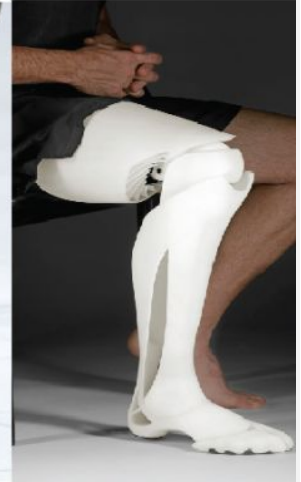
Jewellery



Medical



Manufacturing



Recent Workshop: LPU- Lovely Professional University-Ludhiana, Punjab



