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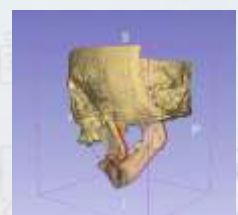
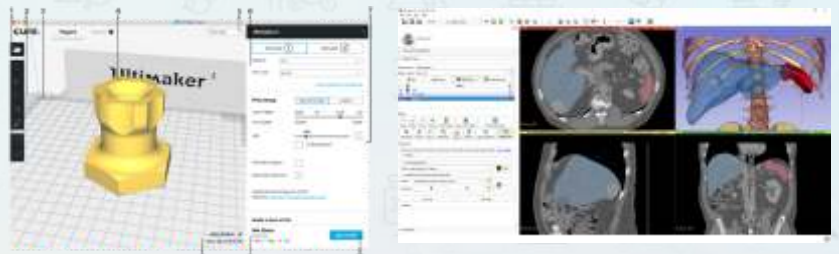
# **Practical Approach to 3D Printing**

**(A Value Added Course)**

**offered by**

**School of Mechanical Engineering (SMEC)**

3D printing is a transformative approach to industrial production that enables the creation of lighter, stronger parts and systems. While this technology seems new to many, it has actually been around for several decades. In the right applications, 3D printing delivers a perfect trifecta of improved performance, complex geometries and simplified fabrication. As a result, opportunities abound for those who actively embrace 3D printing. Companies including Boeing, Airbus, General Electric, SpaceX, Emerson, Siemens, Eaton etc. are exploring product development possibilities using this technology and hiring global talents. The rapid evolution of technology indicates that 3D printing is at a turning point to become a viable alternative to traditional production processes in many aspects. Learning practical aspects of 3D printing will benefit the students in understanding the technology deeply and apply the same for the execution of the projects in future.



## **Course Benefits : -**

- Students will learn to read data for 3D printing.
- Students will learn how to create file for Additive manufacturing.
- Students will be enable how to extract and convert 3D Models using open source segmentation software.
- Additional Lectures from industry experts.

**Every Monday 3 pm to 5 pm**  
**commence from 14-02-2022.**

**Certificate after completion of course**