

# Centre for Competency Development

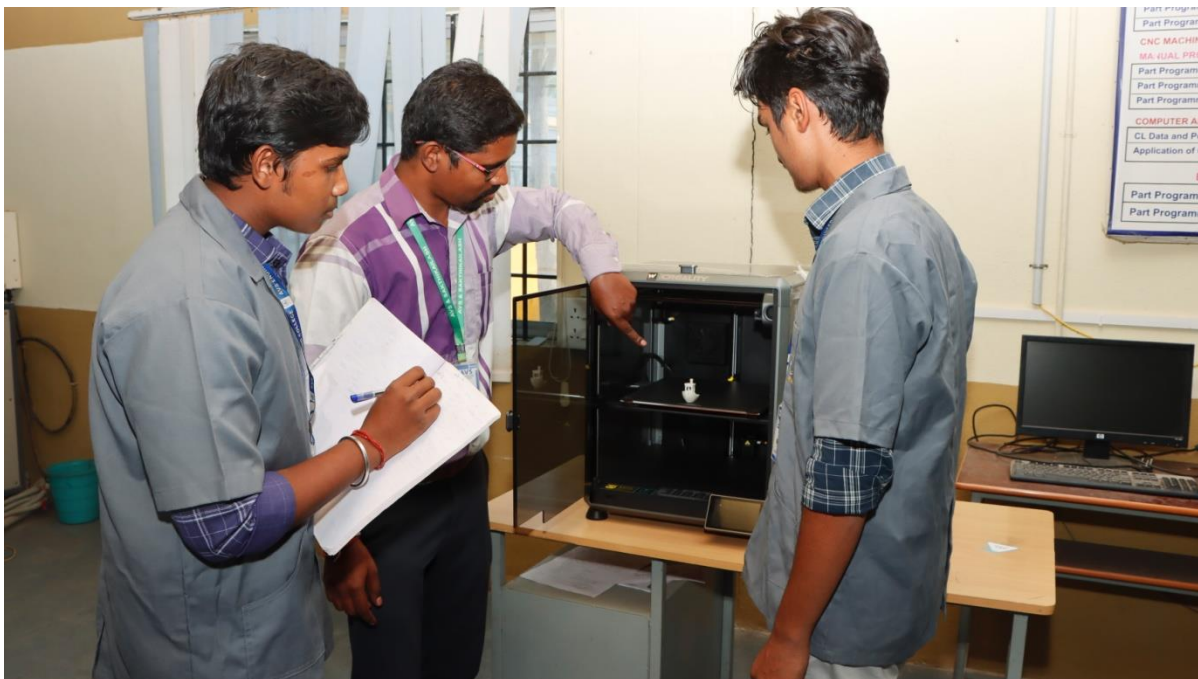
## Rapid Prototyping and Manufacturing

**Specific research projects that could be conducted in a Rapid Prototyping and Manufacturing lab:**

- Hands on Courses on 3D Printing
- Additive Manufacturing Materials and Processes
- Hybrid Manufacturing
- Rapid Tooling and Prototyping
- Digital Manufacturing and Process Automation
- Advanced Robotics in Manufacturing
- Sustainable Manufacturing



Creality K1 MAX3D Printer



Demonstration of 3D Printing



Products developed from 3D Printer



Machining Process using CNC Turning Centre with Lathe tool Dynamometer



Machining Process using CNC Machining Centre with milling tool Dynamometer