

Course Code : HCCC30
Course Name : 3D printing
Duration : 1 month
Eligibility : +2 / ITI / DIP /BE /ME/ Equivalent/Any degree

Syllabus

- Introduction about 3D Print
 - Concept, Types, Manufacturers, Applications
- Types of 3D Printing Processes
- 3D Printing Materials
- About Stl files library
- Stl conversion - Basics of CAD tool (Import / Export) only
- Introduction about Slicing Software – Creality Slicer
- Importance of Support structure
- Parts of 3D Printing Machine
- Loading / Unloading material
- 3D Print Machine Interface – Home, Control, Print, Pause, Stop, Resume
- Troubleshoots in 3D Printing
- Sample Model 1
- Sample Model 2
- Sample Model 3
- Sample Model 4



