

Malnad College of Engineering

Equipment List - AICTE IDEA LAB

State of-the-art facility of the AICTE IDEA LAB has been established in the college campus area of more than 4000 square feet.

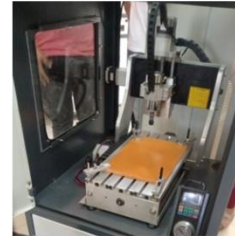
3D Printer



Laser Cutter



PCB Prototyping Machine



Advanced Tools



Sanding Machine



CNC Router



The facility includes PCB Prototyping machine, Soldering and de-soldering station, Reflow oven with UV Chamber, varieties of 3D printers, Laser engraver and cutter, CNC Wood router, Corded and cordless impact drivers and drillers, Palm router, Jigsaw, Scroll saw, Circular saw, mini rotary toolkit, lathes, Manual carving machine, Sanding machine, Chisel sets, all types of drill and driving bits, IoT kits, etc (photos of few equipment attached here above).

Malnad College of Engineering

AICTE IDEA LAB of Malnad College of Engineering, Hassan – 573 202



Lathe Machine



Smart Board



Bench Grinder



Vinyl Cutter/Plotter



3D Scanner



Welding Machine



Cutting Machine

The products shown are part of the advanced equipment provided by the **AICTE IDEA Lab** to enhance hands-on learning and innovation. These include a **lathe machine** for shaping metals or wood, an **interactive smartboard** for digital teaching and collaboration, and a **bench grinder** for tool sharpening. The **vinyl cutter/plotter** enables precise cutting for design work, while the **3D scanner** facilitates the digitization of physical objects. Additionally, a **welding machine** is provided for metalwork, and a **cutting machine** for sectioning materials in engineering projects. These tools are designed to promote practical skills and encourage innovative thinking among students, aligning with the AICTE's mission to foster creativity and technical proficiency.