



I-HUB QUANTUM TECHNOLOGY FOUNDATION

Equipment & Services

Common Facilities Lab

- Providing relevant and effective technology solutions for all I-HUB QTF stakeholders
- Providing customization and quality at competitive prices.



Why Us?

- Customization
- Lesser lead time
- Cost effective solution

EQUIPMENT



Digital Storage
Oscilloscope 1- Keysight
EXR404A



Digital Storage
Oscilloscope 2- Scientific
5034X



Mixed Domain
Oscilloscope- Tektronix
MDO34-3BW-1000



Function
Generator- Rigol
DG912 Pro



USB Oscilloscope- Diligent
Analog Discovery Pro 3000



Programmable DC Power
Supply-
Scientific PSD7303A,
PSD7303B

EQUIPMENT



DC Load- Multicomp Pro
MP710773



LCR Meter- Rohde &
Schwarz LCX100



Desktop Digital
Multimeter- Keithley
DMM6500



Handheld Digital
Multimeter- Fluke
115

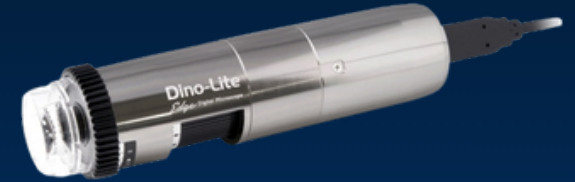
EQUIPMENT



PCB Milling Machine
Wegstr CNC



Soldering Station-
Coldstar 7000L



Portable Digital Microscope-
Dino-Lite AM8917MZT



SLA 3D Printer- FormLabs Form
4 with Washing and Curing unit



FDM 3D Printer- BambuLabs
P1S Combo with Filament Dryer

EQUIPMENT



iMac Desktop



HP Z2 G9 Tower
Workstation



COMSOL Multiphysics 6.4



HP 440 G9 AIO Desktop



Solidworks Professional 2026

SERVICES

Mechanical Services:

- Product Design- Customised part design and assembly design as per user requirement. Support for developing multiple design iterations.
- Computer Aided Design (CAD) and Drafting- Preparation of CAD model for visualization and engineering drawing for ease of manufacturing
- Manufacturing- Consultation of possible manufacturing methods and availing manufacturing services
- 3D Printing- Design for 3D printing, Pre-processing, Consultation of possible 3D printing methods, 3D Printing and Post-processing

Electronics Services:

- PCB Design: We provide PCB designing services with impedance-controlled PCBs with up to 8 layers, including PCB-based antennas.
- PCB Manufacturing: We offer fabrication of PCBs up to 2 layers with the following specifications:
 - 1) Maximum Layers: 2
 - 2) Minimum Trace Width: 0.7 mm
 - 3) Minimum Drill Size: 0.1 mm
 - 4) Annular Ring (Non-Plated): 0.7 mm
- Prototyping & System Development: We provide prototyping services for electronic instruments, including firmware and software development

Services are on chargeable basis, charges will be decided after discussion.

EQUIPMENT CHARGES

Sr No	Name of the Equipment	Make and Model	Price per hour (Exclusive of GST)
1	<u>3D Printer (FDM).</u>	<u>BambuLabs P1S Combo</u>	₹ 15/-*
2	<u>3D Printer (SLA).</u>	<u>FormLabs Form 4</u>	₹ 125/-*
3	<u>Apple iMac</u>	=	₹ 25/-
4	<u>DC Load</u>	<u>Multicomp Pro MP710773</u>	₹ 15/-
5	<u>DC Power Supply A1</u>	<u>Scientific India PSD7303A</u>	₹ 10/-
6	<u>DC Power Supply A2</u>	<u>Scientific India PSD7303A</u>	₹ 10/-
7	<u>DC Power Supply B1</u>	<u>Scientific India PSD7303B</u>	₹ 5/-
8	<u>DC Power Supply B2</u>	<u>Scientific India PSD7303B</u>	₹ 5/-
9	<u>DC Power Supply B3</u>	<u>Scientific India PSD7303B</u>	₹ 5/-
10	<u>Digital Microscope (Portable).</u>	<u>Dino-Lite AM8917MZT</u>	₹ 35/-
11	<u>Digital Multimeter (Desktop).</u>	<u>Keithley DMM6500</u>	₹ 25/-
12	<u>Digital Multimeter (Handheld) A1</u>	<u>Fluke 115</u>	₹ 5/-

*Note: Prices are subject to variation depending on the 3D printing material selected.

EQUIPMENT CHARGES

Sr No	Name of the Equipment	Make and Model	Price per hour (Exclusive of GST)
13	<u>Digital Multimeter (Handheld) A2</u>	<u>Fluke 115</u>	₹ 5/-
14	<u>Digital Storage Oscilloscope (350MHz)</u>	<u>Scientific India SMO5034X</u>	₹ 60/-
15	<u>Digital Storage Oscilloscope (4GHz)</u>	<u>Keysight EXR404A</u>	₹ 375/-
16	<u>Function Generator</u>	<u>Rigol DG912 Pro</u>	₹ 15/-
17	<u>LCR Meter</u>	<u>Rohde & Schwarz LCX100</u>	₹ 60/-
18	<u>Mixed Storage Oscilloscope</u>	<u>Tektronix MDO34-3BW-1000</u>	₹ 225/-
19	<u>PCB Milling Machine</u>	<u>Wegstr CNC</u>	₹ 75/-
20	<u>Soldering Station with Fume Extractor</u>	<u>Coldstar 7000L</u>	₹ 5/-
21	<u>USB Oscilloscope</u>	<u>Digilent Analog Discovery Pro 3000</u>	₹ 25/-
22	<u>Workstation (i5)</u>	<u>HP 440 G9 AIO</u>	₹ 15/-
23	<u>Workstation with COMSOL</u>	<u>HP Z2 G9 Tower</u>	₹ 700/-
24	<u>Workstation with SOLIDWORKS</u>	<u>HP 440 G9 AIO</u>	₹ 100/-

For booking the services, please scan the QR code below or click on “Book Now” button.



Book Now