

ELECTRONICS & INSTRUMENTATION LABORATORY

For an idea to enter into the market, it has to cross various stages of technology readiness levels. From a laboratory prototype to a commercial product the role of test and measurement Instruments are very important. To cater to this need, Medi Valley Incubation Council has established a state-of-the-art electronic lab facility equipped with a wide range of test and measurement equipment. This facility is open for Design & Development needs of any innovators, Research labs, Academia and Start ups.

BASIC LAB

EQUIPMENT	SPECIFICATIONS
Digital Storage Oscilloscope	Frequency Range 70MHz, 100MHz
Function Generator	Band width 25MHz, 60MHz
DC Power Supply	Multiple Channel : 2231 A 0-25V@3A, 5V, 5V@3A, Single Channel : 2280S-32-6, 2281S-20-6,
Mixed Signal Oscilloscope	Frequency range 100MHz
SMD Soldering and Desoldering Prototyping for PCB	3-Channel SMD Station

*Min charges Rs. 500/- per week (GST Applicable)

*Specialized Prototype Service Support - Rs. 10,000/- per week (GST applicable)



ADVANCED LAB

EQUIPMENT	SPECIFICATIONS
Function Generator (Arbitrary Wave form Generator)	Band width 250MHz ,sample rate 2GS/s
Data Acquisition System	DAQ6510 :20Channel Data acquisition System
Vector Network analyzer	Frequency Range: 100 kHz up to 6 GHz
Digital Touchscreen Multimeter	Bench Top Touch Screen Multimeter 6.5 Digit
Mixed Oscilloscope	Frequency range :500MHz
Electronic Load	2380 - 500 V- 15 A
Spectrum Analyzer	9KHz - 13 GHz

*Min charges Rs. 5000/-per week (GST Applicable)

Key Features :

- Equipped with diverse range of oscilloscopes 70 MHz to 500 MHz
- Different types of Function Generators up to 60MHz and Arbitrary Function Generator up to 250 MHz sine waveform, up to 2 GSa/s sample rate and 14-bit vertical resolution
- High precision power supplies with maximum rating 32V 6A amp
- Vector network Analyzer with frequency range :100KHz To 6GHz
- 20 channel Data Acquisition System
- All required infrastructure to design electronic prototyping
- ESD Compliant Lab High-end Soldering and De-soldering stations.
- Specialized Prototype Service support customer requirement.

For More Details:

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