

**List of instruments/ equipment for Electrical Measurements & Measuring Lab:-**

Sr. No.	Name of Item	Short Specs	QTY
1	Digital Multi-meters ( Make: Fluke , Any model meeting the requirements)	0-500-1000 Volts AC/DC , 0-10 A AC/DC, Continuity Tester & Other regular Features	2
2	1 MHz Function Generator with 40MHz Frequency Counter (Caddo 4060)	with Digital Readout for Frequency Frequency and Amplitude, Sine, Square, Triangle, DC outputs, FM-input / External sweep indication	2
3	30MHz Two Channel Four Trace Microcontroller Based Oscilloscope(Caddo-803)	with digital readout backlit LCD displays (Volts/ Div, Time/Div), stable triggering up to 50MHz,X10 magnification, maximum sweep speed 20ns, alternate triggering, line triggering, variable hold off, component and continuity tester, gold plated BNC connectors sharp trace CRT, auto focus	2
4	Kelvins double bridge demonstrator	All the bridge should have inbuilt power supply and necessary meters for measurements mounted on to bridge itself	1
5	Carey Foster bridge demonstrator		1
6	Whetstone bridge demonstrator		1
7	Stephans law Trainer		1
8	Mega-ohm bridge demonstrator		1
9	Maxwells bridge Demonstrator		1
10	Heys bridge demonstrator		1
11	Anderson bridge demonstrator		1
12	Schering bridge demonstrator		1
13	Wien bridge demonstrator	1	
14	Desauty's bridge demonstrator	1	
15	Calibration of Voltmeter and ammeter using potentiometer	should have inbuilt power supply and necessary meters for measurements mounted on to bridge itself	1
16	Single Phase Energy Meter Trainer	Shall be able to demonstrate the working of energy meter for measurement of energy for different types of load	1
17	Meter demonstrator Unit	Shall be able to demonstrate working principle of Moving coil, moving iron and dynamometer type of Instruments	1