

**Name of Lab: - Electrical Measurement Lab**

**Name of Lab In charge: - Prof. Bharsakhale M. M.**

The main objective of Electrical Measurement Lab is to perform the experiments under Electrical Measurement Circuit such as performance test on Energy Meter, Wattmeter, Current Transformer, Potential Transformer, Megger, etc

**Maharashtra State Board of Technical Education**

**Equipment List**

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**Particulars:** Specifications of Major/essential Equipment required for conduction of practical as per curriculum

<b>Sr. No</b>	<b>Particulars</b>	<b>No Of Available</b>	<b>Cost</b>
1	Ammeter-MI	20	17,250/-
2	Ammeter-PMMC	15	23,000/-
3	Voltmeter-MI	15	17,250/-
4	Voltmeter-PMMC	15	17,250/-
5	DC power supply	4	31,400/-
6	Rheostat	40	50,750/-
7	Dual trace CRO	04	64,000/-
8	1- $\emptyset$ transformer	03	20,550/-
9	3- $\emptyset$ Auto transformer	02	37,600/-
10	CT Transformer	02	750/-
11	PT Transformer	01	1,350/-
12	Kelvins double bridge with galvanometer	01	13,500/-
13	Digital power factor meter	06	19,200/-
14	Wattmeter	03	2,500/-
15	Electronic trivectormeter	01	14,500/-
16	Capacitance bank load	03	25,500/-
17	Lamp load bank	01	13,500/-
18	Inductive load bank	02	30,400/-
19	Static wathour meter1- $\emptyset$	01	4,400/-
20	Megger	05	9,500/-
21	Analogmultimeter	02	1,200/-
22	Digital multimeter	03	6,360/-
23	Earth tester	05	20,000/-
24	Galvanometer	04	1,640/-
25	Static wathour meter3- $\emptyset$	01	550/-
26	Dimemerstat	04	24,000/-

27	KVL & KCL Kit	04	10,000/-
28	Multitester	01	600/-
29	Resistive Load	03	40,500/-
30	Digital Multimeter-Rishabh	01	2,640/-
31	Temperature Indicator	01	900/-
32	Kilo watt hour meter	01	4,400/-
<b>Total Cost</b>			<b>Rs.5,26,940/-</b>

Lab In charge

HOD