

Name of Lab: - Electrical Machine Lab

Name of Lab In charge: - Prof. Bhavsar M.M

The main objective of Electrical Machine Lab is to perform the experiments under Electrical Machine such as performance test on DC Motor, AC Machine i.e. Induction Motor, Synchronous Motor & Transformer.

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

Sr. No	Particulars	No Of Available	Cost
1	Distribution Board	01	65000/-
2	Rectifier	01	85000/-
3	Ammeter(DC)	26	33,250/-
4	Ammeter(AC)	10	11,950/-
5	Voltmeter(DC)	19	21,900/-
6	Voltmeter(AC)	13	14,950/-
7	Wattmeter	11	27,500/-
8	Phase Sequence Indicator	02	4,000/-
9	Digital Multimeter	03	6,360/-
10	Rheostat	20	50,400/-
11	Digital Tachometer		9,750/-
12	Knife Switches	17	16,300/-
13	Control Panel	11	1,31,500/-
14	DC shunt motor # DC shunt motor	01	57810/-
15	DC shunt motor # DC shunt generator	01	43777/-
16	DC series motor # DC shunt generator	01	57810/-
17	DC series motor	01	29120/-
18	DC shunt motor	02	58240/-
19	3-ph synchronous motor	01	35763/-
20	3 ph I.M. # DC shunt generator	01	56677/-
21	3 p.h. I.M.	02	44206/-
22	DC shunt motor # 3 ph. Syn Alternator	01	69166/-
23	3-phase Auto Transformer	04	75200/-
24	DOL Starter	01	2200/-
25	Star-Delta Starter	01	8700/-
26	Autotransformer starter	01	13190/-

27	Manual Star-Delta Starter	01	5200/-
28	0.5KVA, Transformer	01	2700/-
29	Load Bank	05	144100/-
30	Static Excitation unit for 5KVA	01	6200/-
31	Static Excitation unit for 3phase Synch	01	6670/-
32	3phase Transformer	02	31800/-
Total Cost			Rs.12,39,139/-

Lab In charge

HOD