

Electrical Machines Laboratory- I

Equipment Details

S.No	Name Of The Equipment	Configuration	Quantity
1	DC SHUNT MOTOR	3kW 3HP/11Amp	3
2	DC SERIES MOTOR	3kW3HP/16Amp,3HP/11Amp	2
3	DC COMPOUNT GENERATOR	1.5kW,6 Amp	1
4	DC SHUNT GENERATOR	1.5kW,6Amp	3
5	DC SERIES GENERATOR	1.5kW,6mp	1
6	DC COMPOUNT MOTOR	3kW 3HP/11Amp	1
7	3 Φ SQUIRELCAUGE I.M	3.7kW /7.5Amp	1
8	SLIPPERING INDUCTION GENERATOR	3.7kW /14Amp	5
9	1 Φ INDUCTION MOTOR	1kW /9.8Amp,1kW /7.5Amp,0.75kW /6Amp	3
10	SALIENT POLE ALTERNATOR	3kW3HP/4.2Amp	1
11	SYNCHRONOUS INDUCTION MOTOR	5HP/7.5Amp	1
12	3 Φ ALTERNATOR	5kW /7.5Amp,1.5kW /4Amp	4
13	CAPACITOR BANK	11AMP	1
14	LOADING RHEOSTAT	18AMP	6
15	LAMP LOAD	15AMP	5
16	INDUCTIVE LOAD	15APP	1
17	Dynamic cut model	3kW 3HP/11Amp	1
18	DIGITAL TACHO METER & ANALOG TACHOMETER	3000RPM	20
19	POWER TRANSFORMER	230V,5AMP	2
20	1 ph.AUTO TRANSFORMER	1PHASE,230V,5AMP	6
21	3 Φ .AUTO TRANSFORMER	470V,15AMP	6
22	TRANSFORMER	230V,5AMP	8
23	RECTIFIER UNIT	440V	1
24	AC/DC DISTRIBUTION PANEL	440V	1
25	AC –CUM-DC DISTRIBUTION PANEL	440V	1