

**DEPARTMENT OF ELECTRICAL ENGINEERING  
ELECTRICAL MACHINES LABORATORY**

**List of Equipment**

1	30 kVA, DIESEL GENERATOR SET	1 No.
2	160 A, RECTIFIER WITH 440 V, 50 HZ INPUT AND 200 V-250 V 3UTPUT	1 No.
3	11 kW, DC SHUNT MOTOR-10 kVA, 3-PHASE NON-SALIENT POLE ALTERNATOR COUPLED SET	1 No.
4	3.5 kW, DC SHUNT MOTOR-4 kVA, 3-PHASE NON-SALIENT POLE ALTERNATOR COUPLED SET	1 No.
5	11 kW, DC SHUNT MOTOR-8 kVA, 3-PHASE SALIENT POLE ALTERNATOR COUPLED SET	1 No.
6	50 kW, 3-PHASE SQUIRREL CAGE INDUCTION MOTOR-30 kW, DC SHUNT GENERATOR COUPLED SET	1 No.
7	5HP, 3-PHASE, SQUIRREL CAGE INDUCTION MOTOR-1.75 kW, DC SHUNT GENERATOR COUPLED SET	1 No.
8	3.7 kW, 3-PHASE, SQUIRREL CAGE INDUCTION MOTOR-3 kW, DC SHUNT GENERATOR COUPLED SET	1 No.
9	3HP, 3-PHASE, SQUIRREL CAGE INDUCTION MOTOR-2 kW, DC SHUNT GENERATOR COUPLED SET	1 No.
10	1.5 kW, 3-PHASE, SQUIRREL CAGE INDUCTION MOTOR-1.5kW DC SHUNT GENERATOR COUPLED SET	1 No.
11	2.2 kW, 3-PHASE, SQUIRREL CAGE INDUCTION MOTOR-2 kW, DC SHUNT GENERATOR COUPLED SET	1 No.
12	2.25 kW, DC SHUNT MOTOR-2 kW DC SHUNT GENERATOR COUPLED SET	1 No.
13	3.7 kW DC SHUNT MOTOR-3.7 kW DC SHUNT GENERATOR COUPLED SET	1 No.
14	3.5 kW DC SHUNT MOTOR-3.5 kW DC SHUNT GENERATOR COUPLED SET	1 No.
15	5 kW, DC SHUNT GENERATOR-5 kW, 3-PHASE SLIP RING INDUCTION MOTOR-5kW,3-PHASE SQUIRREL CAGE INDUCTION MOTOR CASCADE CONTROL COUPLED SET	1 No.
16	5.5 kW, 3-PHASE, SLIP RING INDUCTION MOTOR	2 Nos.
17	5HP, 3-PHASE, SLIP RING INDUCTION MOTOR	3 Nos.
18	5 HP, 3-PHASE, SQUIRREL CAGE INDUCTION MOTOR	1 No.
19	4.5 HP, 3-PHASE, SQUIRREL CAGE INDUCTION MOTOR	1 No.

**DEPARTMENT OF ELECTRICAL ENGINEERING  
ELECTRICAL MACHINES LABORATORY**

**List of Equipment**

20	5 HP, 3-PHASE, HIGH EFFICIENCY SQUIRREL CAGE INDUCTION MOTOR	1 No.
21	4.5 HP, 3-PHASE, SQUIRREL CAGE INDUCTION MOTOR WITH POLE CHANGING	1 No.
22	0.75 kW SINGLE PHASE INDUCTION MOTOR	3Nos.
23	1.5 kW, DC SHUNT MOTOR	1 No.
24	3 HP, DC SHUNT MOTOR	3Nos.
25	5 HP, DC SERIES MOTOR	1 No.
26	7.5 HP, DC SERIES MOTOR	1 No.
27	5.8 kW, DC SERIES MOTOR	1 No.
28	1 HP, UNIVERSAL MOTOR	2 Nos.
29	9.5 kW, SCHRAGE MOTOR	1 No.
30	5 kW, 6-PHASE, ROTARY CONVERTER	1 No.
31	50 kVA, 11 kV/440 V, 3-PHASE TRANSFORMER	1 No.
32	5 kVA, 3-PHASE, ISOLATION TRANSFORMER	1 No.
33	5 kVA, 3-PHASE TRANSFORMER	3 Nos.
34	2.5 kVA, SINGLE PHASE TRANSFORMER	8 Nos.
35	2 kVA, SINGLE PHASE TRANSFORMER	3 Nos.
36	60 kVA, 3-PHASE AUTO TRANSFORMER	1 No.
37	15 A, 3-PHASE AUTO TRANSFORMER	6 Nos.
38	28 A, SINGLE PHASE AUTO TRANSFORMER	2 Nos.
39	15 A, SINGLE PHASE AUTO TRANSFORMER	9 Nos.
40	8 A, SINGLE PHASE AUTO TRANSFORMER	1 No.
41	4 A, SINGLE PHASE AUTO TRANSFORMER	1 No.
42	2 A, SINGLE PHASE AUTO TRANSFORMER	1 No.
43	3-PHASE, 10 kW, RESISTIVE LOAD	3 Nos.
44	3-PHASE, 5 kW, RESISTIVE LOAD	3 Nos.
45	3-PHASE, 3.5 kVA, INDUCTIVE LOAD	1 No.
46	3-PHASE, 10 A, CAPACITIVE LOAD	1 No.
47	SINGLE PHASE, 5 kW, RESISTIVE LOAD	3 Nos.
48	SINGLE PHASE, 3.5 kW, RESISTIVE LOAD	3 Nos.