

ELECTRICAL MACHINES LAB



EQUIPMENT LIST

SL.NO.	EQUIPMENT	QTY
1.	A.E. MAKES LOADING RHEOSTAT.	1
2.	A.E.MAKE LOADING RHEOSTAT.	1
3.	ANGLE IRON WELDED METAL LAMP LOAD BANK	2
4.	DIMMER STAT 4 AMP	4
5.	DIMMER STAT 8 AMP	2
6.	DIMERSTAT (WHEELS) 3 ϕ 15AMP	1
7.	D.C SHUNT MOTOR- SHUNT GENERATOR SET 3K. W/220V.BEEN MAKE	2
8.	SHUNT MOTOR-SERIES GENERATOR SET 3K. W/220V BEEN MAKE	1
9.	D.C.SHUNT MOTOR WITH 3H.P.220V BRAKEDRUM BEEN MAKE	2
10.	3 POINT STARTER	5
11.	FIELD REGULATOR	5
12.	KIRLOSKER MAKE D.C.COMPOUND MOTOR –COMPOUND GENERATOR SET 3.5KW.220V.	1
13.	D.C.MOTOR ALTERNATOR SET	1
14.	BENLEC MAKE A.C.SQUIRREL CAGE INDUCTION MOTOR 5 H.P./415V.	1
15.	STAR DELTA STARTER MANUAL	1
16.	FARGON MAKE 1 ϕ 2 WDG TRANSFORMER 2KVA 230/115V	2
17.	PRESTIGE MAKE HAND TACHO METERS	2
18.	RECTIFIER WITH STABILIZER-380/400V 3 ϕ A.C.	1
19.	VOLTMETER MC-RANGE –0-15\30V	4
20.	VOLTMETER MC-RANGE 0-75\150V	4
21.	VOLTMETER MC-RANGE –0-300V	22
22.	AMMMETER MC-RANGE –0-0.5\1A,MAKE: AE	4
23.	Ammeter M.C-Range: 1/2Amps	15
24.	Ammeter M.C-Range: 0-2.5/5A	4
25.	Ammeter M.C -Range: 0-5/10A	12
26.	Ammeter M.C -Range: 0-10/20A	11
27.	VOLT METER M.I -Range : 0-15/30V	4
28.	VOLT METER M.I -Range : 0-75/150V	2
29.	VOLT METER M.I -Range : 0-150/300V	14
30.	VOLT METER M.I -Range : 0-300/600V	8
31.	VOLT METER M.I -Range : 0-150/300/600V	16

32	AMMETER MI -Range : 0.5- 1A	6
33	AMMETER MI -Range : 0-1/2A	15
34	AMMETER MI -Range : 0-2.5/5A	10
35	AMMETER MI -Range : 0-5/10A	22
36	AMMETER MI -Range : 0-10.20A	6
37	Ammeter 200MA	2
38	WATTMETERS LPF -Range : 0.25/5A, 300/600V	2
39	WATTMETERS LPF -Range : 5/10A, 300/600V	2
40	WATTMETERS LPF (RS)-Range : 5/10A, 300/600V	4
41	WATTMETERS LPF -Range : 1/2A, 75/150/300V	8
42	WATTMETERS LPF -Range : 2.5/5A, 150/300/600V	6
43	WATTMETERS LPF -Range : 5/10A, 150/300/600V	5
44	WATTMETERS UPF -Range : 5/10A, 300/600V	2
45	WATTMETERS UPF -Range : 5/10A, 75/150/300V	2
46	WATTMETERS UPF -Range : 2.5/5A, 75/150/300V	6
47	WATTMETERS UPF -Range : 5/10A, 150/300/600V	14
48	WATTMETERS UPF -Range : 10/20A, 150/300/600V	2
49	WATTMETER UPF 3Ø -Range: 5/10A, 300/600V-Make : AE	1
50	P. F METER -Range: 5/10A, 600V	2
51	P. F METER -Range: 5/10A, 150/300V	1
52	P. F METER -Range: 5/10A, 300/600V	1
53	RHEOSTATS	22
54	EARTH TESTER	1
55.	MAIN CONTROL PANNEL	1
56.	DESK TYPE CONTROL PANNEL	10
57.	CIE MAKE:PORTABLE ROTATING PHASE SEQUENCE INDICATOR	1
58.	“MASTECH” MAKE DIGITAL TACHOMETER-MODEL : 2234A	2
59.	TRANSFORMER FORGEN MAKE SINGLE PHASE 1 KVA TAPPING AT 28.8%.60%. 86.6%, 100% ON 400V	2
60	AC SLIP RING INDUCTION MOTOR WITH LOADING ARRANGEMENT OF 5 HP WITH ROTOR RESISTANCE STARTER	1
61	AC SYNCHRONOUS MOTOR WITH LOADING ARRANGMENT OF 5 HP WITH BRIDGE RECTIFY FOR D.C EXCITATION OF MOTOR FIELD WITH PUSH BUTTON STARTER	1
62	DC SHUNT MOTOR AC ALTERNATOR SET OF 1500 RPM 5 HP 3,5 KV ROTATING FIELD TYPE WITH EXCITOR AND AUTO SYNCHRONOUS STARTER	1
63	SINGLE PHASE INDUCTION MOTOR WITH LOADING ARRANGEMENT OF 1 HP 1440 RPM CAPACITOR START RUN TYPE	1
64	FREQUENCY PORTABLE METER,45-55 HZ, 440V	1
65	MACHINE PANELS-A TYPE(A.C. & D.C.),MACHINE PANESL B TYPE (A.C. 1φ & 3φ) WITH WIRING	11
66	ANGLE IRON LOADING RHEOSTAT	2
67	AEMAKE 3 PHASE LOADING RHEOSTAT 10KW	1
68	AEMAKE 3 POINT STARTER	3
69	AE MAKE 4 POINT STARTER	1
70	AEMAKE SINGLE TUBE RHEOSTAT	9
71	AEMAKE AUTOSTAR DELTA STATER	1
72	ATE MAKE DIMMER STAT 8 AMPS	2
73	ATE MAKE DIMMER STAT 15 AMPS 3 phase	2
74	ATEMAKE DIMMER STAT 20 AMPS 3 phase	1
75	MASTECH- MAKE DIGITAL NON-CONTACT TACHOMETER	4
76	MANUAL STAR DELTA STARTER	1
77	DC STUDY MOTOR	1
78	SYNCHROSCOPE FOR 110V	1

79	3- Φ LOADING INDUCTOR 1-10A	1
80	DC SHUNT MOTOR,5HP/220/1500RPM CRA WITH LOADING ARRANGEMENT FOR BRAKE TEST WITH 3-Pt STARTER	1
81	DC SHUNT MOTOR- GENERATOR SET-5HP/3KW/220/230V FOR HOPKINSON TEST	1
82	3 KVA/400V/50Hz /3- Φ /1500RPM SALIENT POLE SYNCHRONOUS ALTERNATOR	1
83	“Systems”-Make Digital Contact Type Tachometer	4
84	“AE”-MAKE Single Phase Box Type Dimmerstat 0-270v/10A	2
85	AEMAKE SINGLE TUBE RHEOSTAT-100Ohms/2.8A	6
86	AEMAKE SINGLE TUBE RHEOSTAT-200Ohms/2A	3
87	AEMAKE SINGLE TUBE RHEOSTAT-350Ohms/1.8A	2
88	AEMAKE SINGLE TUBE RHEOSTAT-400Ohms/1.4A	4
89	JEPICA make DC shunt motor of 7.5HP, 1500rpm coupled to 5kva rotating field type alternator set and excitor	1
90	STEAD Make 380 Ω /1.8A	2
91	3 HP / 415V/1440 rpm 50Hz Squirrel gauge Induction Motor	1
92	Step Down transformers ,1- Φ , 115/230V-Model : SDT 201, Capacity : 2KVA	4
93	Induction Generator set comprising of DC shunt motor 5HP 1500rpm 220V DC coupled to an Induction generator 5HP 1440rpm 415V 50Hz AC induction generator complete with suitable three point starter for DC motor and BOL starter for AC motor	1 No.
94	Lamp Loads (angle iron welded)	5 No.s
95	DC compound motor	1 No.
96	Two point starter suitable for 5 HP DC series motor	1 No.
97	3 phase Schrage Motor	1 No.
98	DC series motor / DC series generator set	1 No.
99	Static Exciter Input 230V, 50Hz Output : 0-250V, DC, 2A	3 No.s