

NETWORKS LAB



EQUIPMENT LIST :

SL.NO.	EQUIPMENT	QTY
1	Decade Resistance Box	3
2	Decade Capacitance Box	3
3	Decade Inductance Box	3
4	Dual Regulated power supply	4
5	Digital Multimeters (a) RISHAB 14s, (b)CIE 123	3,3
6	Desk type Main Control Panel AC&DC front operated free stand floor mounting power distribution panel containing of 12AC controls & 12DC controls with one 4 pole MCCB for AC operation	1
7	Desk type panels for AC&DC from operated free standing floor mounting lab testing panel for individual tables	10+2
8	Function Generators 2MHz,10319L	5
9	DC Shunt Motor 3HP 220V/1500rpm with loading arrangement for brake test along with three-point starter	2
10	5 HP 220V 1500rpm DC shunt motor couple to 3kVA/415V/3Phase/1500rpm/15Hz/ 4 pole/rotor wound / stator excited/ manually regulated alternator with base plate and coupling along with 3-point starter	1
11	AC Squirrel cage induction motor with loading arrangement of 5HP with D.O.L. starter	1 set
12	AE make single phase dimmer stat (box type),10A, O/P: 0-270V, I/P:240V	4
13	3 phase dimmer stat, ITL make15A/3 phase	1
14	Step Down Transformers, Fragon Make,230V/115V, 1KVA transformer	4
15	DC shunt motor coupled to DC shunt generator,3KW with 3-point starter	1 set

16	CRO dual trace	3
17	LPF Wattmeter, MECO make, Range: 1/2A, 150/300V	4
18	Wattmeter UPF MECO make,5/10A, 300/600V with reversing switch	2
19	Wattmeter (UPF),5/10A, 75/150/300V, MECO make	2
20	Rheostats STEAD make, 32Ω/5A, 100Ω/2.8A, 200Ω/2A,450Ω/1.8A	4 ,4,2,2
21	Rheostats STEAD make 45Ω/5A, 55Ω/4.5A, 140Ω/2.3A,380Ω/1.8A	4 ,4,4,2
22	MC Voltmeter MECO Make	4 ,2
	(a) 0-300V, (b) 0-30/60V MC MC Ammeters MECO Make	4 ,4,2
	(a) 0-1/2A, (b)0-2.5/5A, (c)0-10/20A	4 ,4,2
	MI Voltmeter MECO Make	4,4,2
23	(a) 0-15/30V, (b)0-150/300V, (c)0-300/600V MI Ammeter MECO Make	4,4,2
	(a) 0-1/2A, (b) 0-2.5/5A, (c) 0-5/10A	4 ,4,2
23	Solar Photovoltaic Modules , (a)Mono, (b)Poly	2 ,2
24	Loading Inductor	2
25	STEAD make Rheostats 100Ω/2.8A	4
26	MECO-V Voltmeter range (MI)	3 ,3,2
	(a) 30/60V (b)0-75/150/300V(c) 0-150/300/600V MI- Ammeter range (double range)	2 , 4, 10
27	(a) 0-0.5/1A (b) 0-5/10A (c) 0-1/2A	2 , 4, 10
	Automatic electric / Meco/OSAW make Ammeters (MC instruments)	4 ,4
28	Automatic electric Ltd., AE make portable precision type dynamometer type of single phase watt meter (UPF) Watt meters-(a)	
	2.5/5A-75/150/300V, (b) 5A/10A-150/300/600	2, 2
29	Single phase dimmer stat (Automatic electric device make)	
	a) Input : 230V, 50Hz Output: 0-270V, 4A, (b) Input : 230V/50Hz Output: 0-270V, 8A	3, 3
30	(a) Tachometer (Contact) -Model No: HTM590 (systems make) (b) Tachometer (non Contact) -Model No: HTM560 (Systems Make)	3 2
	Digital Multimeters-15S – RISHAB Make	8
32	Rheostats (100Ω/2.8A)	10
33	MECO -V MI voltmeters	
	(a) 0-75/150/300 V	10
34	50Mhz dual channel Digital Storage Oscilloscope	2