

List of Equipments Of E&TC Dept			
Applied Electronics Lab		Built Up Area 116.39 Sqm	
1	3 phase variable /auto-transformer 15P3/15A/D-470 V	1	4700
2	Wattmeter (portable) 5/10A/150/300/600 volt	1	820
3	Multimeter MIC-6E Digital with probe	1 2	1100 44
4	Earth Tester	1	1700
5	Meger(Western generator)	1	1300
6	Tachometer	1	3300
7	Stop watch	2	700
8	Phase Indicator	1	300
9	Digital multimeter	3	4050
10	Digital multimeter (98)	3	4680
11	SCR traic diac UJT KIT(Chrs)	1	3800
12	Trigering of SCR by RC,UJT Kit	1	2500
13	DV/DT Of SCR Kit	1	3500
14	SCR & Various phase control kit	1	4500
15	Force commutation method	1	4300
16	DC Shunt motor speed control 0.5 HP motor	1	8800
17	Fully controlled converter with resistive ad	1	6000
18	Thyristor application trainer		6000
	1)Battery charger	1	6000
	2)Timer	1	3500
	3)Zero voltage switching circuit	1	3400
	4)DC to DC converter	1	7600
	5)Series inverter	1	7600
	6)Parallal Inverter	1	7600
	7)Half and full controlled rectifier	1	6600
19	Shanti make meters	Lumsum	27475
20	Anolog multimeter	6	20790
21	Multimeter	2	2200
22	Voltmeter, ammeter	7	5100
23	Wattmeter	2	5600
24	Autotransformer single phase	6	20160
25	3 phase autotransformer 15 amp	1	14400
26	Variac	2	6200
27	DC Power suply	8	9120

28	Decade inductance box	2	2300
29	Wheatstone bridge	1	2500
30	D-Sauty Bridge	1	2500
31	Schering bridge	1	2500
32	Characteristic of SCR	1	475
33	Chrs of diac	1	475
34	Chrs of triac	1	475
35	DV/DT of SCR	1	2000
36	Forced Commutation of SCR	1	2000
37	Decade inductance box	2	4400
38	Function generator	3	8400
39	CRO Systronic make 20 Mhz Dual trace	4	47100
40	Aplab make CRO 20 Mhz	2	29000
41	BPL make CRO 10 MHz	2	24586
42	Probe for CRO	1	1750
43	Power supply 5 volt 1 amp	5	3500
44	Voltage stabilizer	2	640
45	Pulse transformer triggering ckt	1	1350
46	SCR series inverter	1	3350
47	SCR stepup chopper	1	3800
48	SCR stepdown chopper	1	3800
49	Wien bridge oscillator using transistor	1	2290
50	Monostable multivibrator using transistor	1	2250
51	Photodiode chrs	1	1990
52	Colpitt oscillator	1	2190
53	Phototransistor chrs	1	1990
54	IC 741 as monostable multivibrator	1	2400
55	IC 741 as bistable multivibrator	1	2400
56	IC 741 as V to I converter	1	2400
57	IC 741 as I to V converter	1	2400
58	Liquid level controller using IC 555	1	4250
59	Smoke detector	1	3850
60	Optocoupler chrs using IC MC2TE	1	2190
61	Schmitt trigger using transistor	1	2250
62	UJT Chrs	1	2190
63	Hartely oscillator	1	2290
64	Voltage controlled oscillator using IC 555	1	2290
65	Schmitt trigger using IC 555	1	2450

66	Bistable multivibrator using transistor	1	2250
67	astable multivibrator using IC 741	1	2400
68	Thermistor chrs	1	2290
69	Speed control of DC motor with DC Motor	1	4690
70	Speed control of AC motor with AC Motor	1	4690
71	Relay type SE voltage stabilizer	1	3490
72	Triac as 3 position static switch	1	2490
73	Instrumentation amplifier with linear gain control	1	3095
74	SCR parabolic Inverter	1	3350
75	IC 565 as a frequency multiplier	1	2650
76	MOSFET Chrs with power supply and two meter	1	2250
77	Pulse generator kit	1	2250
78	Sequential timer using IC 555	1	2590
79	Sycho transmitter and receiver trainer as error detector	1	18500
80	DV/DT Limitation using SCR Kit	1	2250
81	Speed Controller using SCR Kit	1	7200
	TOTAL		470845