

GOVERNMENT COLLEGE OF ENGINEERING, AURANGABAD -431 005  
ELECTRONICS & TELECOMMUNICATION ENGINEERING DEPT.  
ELECTRONIC DEVICES & CIRCUITS, DIGITAL ELECTRONICS AND COMMUNICATION  
ENGG.LABORATORY

Sr. No.	Description of Equipments	Qty. to be W.off
1	2	3
1	Education trainer to study half wave/full waves rectifier/filters	3
2	Trainer for study of characteristics of diode & zenier diode	3
3	Trainer for study of oscillator circuit	3
4	Trainer for study characteristics of field effect transistor	3
5	Transistor for study of characteristics of uni-junction transistor	3
6	Trainer for study of characteristics of transistor	3
7	Trainer for IC 555, Timer as adjustable multi vibrator	3
8	Color TV receiver 20" pict tube	1
9	Over head projector	1
10	Trainer for study of logic gate, CAND, OR, NAND	3
11	Multiple Function Lab System	1
12	Aplab CRO 15MHZ dual trace oscilloscope,sr.no1288/370	1
13	Aplab CRT Oscilloscope 488/149	1
14	Systronics Pulse Generator	1
15	SystronicsLPG1150-068	1
16	Systronics Pulse Generator-1130	1
17	Oscilloscope Model HM-312	1
18	EPROM Programmer	1
19	Signature Analyzer HIL2020, Sr.No.1000/70/094	1
20	Function Generator2019-489/10 APLAB	1
21	Model HIL 5024,100 MHz, (CRO) 4 Channel Oscilloscope-0-10-202 with Probe	1
22	HIL -5016/20 MHz CRO Sr. No.001/784 with probe	1
23	Aplab Automatic RCL Met4910	1
24	Solid State AC Mille Voltmeter Systronix make -Type-401-sr.no.1956,1966	2
25	Aplab CRT Oscilloscope 488/149 with probe	1
26	CRO (L & T) DM 201-BW-29764	1
27	Systronic Make 437-TRUE RMS Digital Multi meter	1
28	Cell Counter Systronics 191	1
29	IC Testing System (in built with IC Tester)	1
30	Educational Trainer- Dyna 85 trainer (737,738, 739)	3
31	Educ.Trainer-Dyna 85 trainer (740,741,742)	3

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32	A-Seven Segment Display Interf, B-DAC for ADC-3,C-ADC Interfa-3,,D-dual DAC-3,	12
33	OHP 230VA Supply screen+Stabiliser	3
34	HIL 2921 Digital IC Trainer with Patch, S.No.1000-1-3-1120	1
35	Digital IC Trainer-2921	1
36	Automatic Slide Projector "Kinderman" Type-1802-2,	1
37	1) Magnavision Illumination Magnifier (2) Attachment	1
38	Function Gener Intimate EIS 58	1
39	Inconix Mini Board LMB 6081 with power Supply	2
40	Regulated P S Agronic 92A	2
41	Regulated P. S. Agronic 93A/B	1
42	LCD Dot Matrix Display Chip-4 line & 40 character	1
43	IC Testing KIT SDK 7932	1
44	Optional Acces-P. S.-3,Eprom-2 Audio tape-2, KB -3, Elvator-2	12
45	1.Study Care LBPR, (2) DC Motoer-174	2
46	Edu.Trainer -1.Study Care LBPR, (2) DC Motoer-173	2
47	Electrophoresis Apparatus –Systronics mk w Sr. No. 610/444/474	1
48	Digital IC Trainer OSAN-150	1
49	Digital IC Trainer 5 V , IA Bread Boarding facility	2
50	Probes for( L& T) K-115 Gould Logic Analyzer	2
51	Digital Multimeter MICO make	2
52	Digital LCR Meter MIC-4060 D	1
53	B. P. Apparatus	1
54	Vacum Cleaner Tornado make	1
55	Purnima kit 8 Study of Counter using 7476	8
56	Main Frame Asahi Etx Exp.	4
57	Digital IC Bread Board	10
58	1) Function Generator using 8038 (2) A to D Converter (3) D to A Converter	3
59	Anshuman-Micro Cont Kit 8031	3

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60	Anshuman-Micro Proc Kit 8085	5
61	01 --L&T Gould make 4 channel 100MHzDSO + Plotter	1
	02 -- L&T Gould Waveform Processor M. No. 270	1
	03 -- Probes Suitable for above o	1
	01 -- Float CUM - Booster Charge 48V, 6A	1
	02- Dot Matrix Printer 80 Column	1
	03 -- Main Distribution Frame	1
	04 - Lead Acid Battery Set	1 set
62	01 -- Stereo Amplifier 640w Model No. 898	1
	02 -- TIE Pin Mike	2
	03 -- Power House Philips Make PMPO 240W	1
	04 -- High Quality Speaker System Philips Make DH 415	1
	05 -- Loudspeaker for Stereo Amplifier Model No. DH-915	1
	06 –Mike wireless	2
63	Digital Field Strength Meter	2
64	Fiber Optic Communication system link	1
65	CD Player Audio Video C D	1
66	Aplab Regulated Power Supply	2
67	Pulse code modulation Trainer	1
68	Wireless Microphone 200 feet power source	1
69	Exide Sealed Maintenance free Batteries 12Volts 42AH	4
70	Crompton Greaves Wall fan 12"	1
71	Function Generator Model No. EIS 58 Sr. No. 806251	2
72	IC Tester "IEC" Make Facility test Up to 40pin IC'S	1
73	Color T.V. Receiver Trainer Kit	1
Sr. No.	Description of Equipments	Qty. to be W.off
74	Digital Multimeter UT No.144764	2
75	Digital Multimeter DC Voltage 200 MA to 1000 V	8
76	Aplab 20Mhz,2 channel 4trace Oscilloscope	2
77	Aplab regulated dual power supply adaptable dual	3
78	2 MHz function generator with operational manual	2
79	Aplab regulated power supply	2
80	3½ Digital multimeter hand model range (HIL)	1
81	A) Analog Multimeter R. S. Make model 260 M	2
	B) Carrying case for above meters	2
	C) AC Ammeter attachment adaptor for Model 260 M	2
82	Universal Avometer Motwane make model 8 x mark III with lead	2

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	battery & leather case	
83	Multimeter with overhprojection and one plastic case with leads	2
84	1) Transformer coupled Amplifier	1
	2) Push pull Audio power Amplifi	1
	3) Complementary symmetry power	1
85	1) Digital Voltmeter 3½ digit	5
	2) Digital Voltmeter	3
86	1) 2 stage RC Coupled V amplifier	1
	2) Negative feedback amplifier	1
	3) Emitter follower	1
	4) R.C.Phase shift Oscillator	1
	5) Hartley Oscillator	1
	6) Colpitts Oscillator	1
	7) Wein bridge Oscillator	1
	8) Miller integrator	1
	9) Boot strip integrator	1
	10) Differential Amplifier with constant current source	1
87	Vacuum cleaner tornado make	1
88	1) Digital Multimeter 3½ digit	8
	2) Digital Multimeter 4½ digit	1
89	1) Digital Multimeter 3½ digit	1
90	Regulated power supply dual voltage range 0 to 30v	3
91	Regulated power supply dual voltage range 0 to 30v	4
92	Anshuman-Micro Proc Kit 8086	4
93	Agronic mk automatic IC Tester	1
94	a) Logic Controller Inerface-2, b) Steeper motor with Controller Interface-3,	5
95	1-8085-based trainers, 2-Power supply, AD-DAC,AD-DAC-10, ADC INTERFACE-10,DA INTERFACE-10,INST.OP-AMP-10, LOGIC CARD-10, KIT TO PC-10, CROSS ASSEMBLE FOR ABOVE-10,FLOPPY-10,PRINTER CABLE-10 TOTAL-110 ITEMS	110
96	8085 Trainer Kit	2
97	8085 Power Supply	5
98	8085 Based Trainer main kit	3
99	8031 Trainer with power supply	1
100	16 bits M.P Sys based on Dual 8086	1
101	Switch Mode power Supply	3
102	Switch Mode power Supply	3
103	Rheostat (0-90 Ohms) 5 amps	1
104	Bread Board System	1

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105	Bread Board System	1
106	Component D System IC Trainer	1
107	Component D. System IC Trainer	1
108	Steady Line Servo Control Stab 5 KVA	1
109	Steady Line make Servo Voltage Stabilizer 3 KVA	2
110	Model Hill 2000,16 Channel Logic Analyzers Sr. No 003-009	1
111	Bread Board System 028, L-2000	1
112	Agronic, Automatic I C Tester-46	1
113	MPS No.8 Inco nix Workstation -II	3
114	Thyristar Module	1
115	Aplab Regulated Dual Power Supply	1
116	Amplitude Shift Key Modu Trainer	1
117	Pulse code Demodulation Trainer	1
118	Stand for 500 watt Speaker Tripod	2
119	Cordless Mike 9V Op range 300 M	1
120	Goes neck Mike Frequency Response 50Hz-16KHz	2
121	Standard T. V. Pattern Generator	2
122	(1) R. F. Signal Generator Type 2225 Radar Sr. No. 1233	1
123	Frequency Counter Display 8 Digit	1

**Approximate cost of Equipment is Rs. 170000.00**