

Electronics and Communication Engineering

1. INTEGRATED CIRCUITS LAB

SL.No	ITEM	Quantity
01	Cathode Ray Oscilloscope	11
02	Regulated Power Supply	13
03	Multi O/P Power Supply	05
04	Digital IC Trainer Kit	03
05	Function Generator	12
06	LCR Meter	01
07	Decade Resistance Box	09
08	Decade Capacitance Box	15
09	Decade Inductance Box	15

Total Value = Rs. 3.80 Lakhs.
Available Area = 30 Sq.mt
Electrical Load = 2 KVA
Furniture Value = Rs.0.47 Lakh.

2. ELECTRONICS LAB

SL.No	ITEM	Quantity
01	Cathode Ray Oscilloscope	05
02	Regulated Power Supply	20
03	Function Generator	02
04	Volt Meter	25
05	Ammeter	35
06	Decade Resistance Box	01
07	Decade Capacitance Box	01
08	Decade Inductance Box	01

Total Value = Rs. 2.34 Lakhs.
Available Area = 35 Sq.mt
Electrical Load = 2 KVA
Furniture Value = Rs. 0.35 Lakh.

3. COMMUNICATION LAB

SL.No	I T E M	Quantity
01	Cathode Ray Oscilloscope	10
02	Regulated Power Supply	10
03	Multi O/P Power Supply	01
04	Function Generator	06
05	Signal Generator	01
06	Pulse Generator	01
07	Digital Communication Kit	06
08	Voltage Stabilizer	01

Total Value = Rs.4.46 Lakhs.

Available Area = 40 Sq.mt

Electrical Load = 2 KVA

Furniture Value = 0.35 lakh

4. MICROPROCESSOR LAB

SL.No	I T E M	Quantity
01	Microprocessor Kit with Power Supply (8085)	15
02	Microprocessor Kit with Power Supply (8086)	10
03	<u>Software Decode Driver</u> a) Programmable serial communication Interface. b) Power on Self Test c) Diagnostic Home Menu d) Trouble Shooting in PC e) Floppy Disk & Hard Disk Driver	01
04	ASDP 2181 Starter Kit with power supply	01
05	Micro Controller Kit (8051)	02
06	EPROM PROGRAMMER	01
07	ADSP 2181 based DSP trainer kit	06
08	Key Board & Display	01
09	Key Board Interface	01
10	7 – Segment Display Routine	01
11	Stepper Motor Control	01
12	Traffic Light Controller	01
13	Printer Interface	01
14	Programmable Timer Interface	01
15	Data Acquisition System	01
16	ADC / DAC Card	01
17	8253, 8251 Card	01
18	8255 Card (Elevator)	01

Total Value = Rs. 3.45 Lakhs.

Available Area = 20 Sq.mt

Electrical Load = 1 KVA

Furniture Value = 0.25 lakh

5. MICROWAVE LAB

SL.No	ITEM	Quantity
01	Klystron Power Supply, Mount, Tube	05
02	Klystron Power Supply	02
03	Klystron Mount with Tube	02
04	VSWR Meter	01
05	Gunn Power Supply	01
06	Frequency Meter (Micrometer Type)	05
07	Frequency Meter (Direct Reading Type)	01
08	Variable Attenuator (20 dB)	08
09	Detector Mount with Crystal	08
10	Slotted Section with Tunable probe	05
11	Termination	02
12	Movable Short	01
13	Wave Guide Stands	08
14	Cooling Fan (Small)	02
15	Cooling Fan (Big)	06
16	Isolator	03
17	Slide Screw Tuner	01
18	Tripod Stand	01
19	Gunn Oscillator	01
20	PIN Modulator	01
21	Basic Fiber Optics Trainer Kit	01
22	Pulse Generator	01

Total Value = Rs. 3.15 Lakh
Available Area = 20 Sq.mt
Electrical Load = 1 KVA
Furniture Value = 0.35 lakh

6. COMPUTER AIDED SYSTEM DESIGN LAB

SL.No	ITEM	Quantity
01	Computers	22
02	Server	01
03	MATLAB Software	01

Total Value = Rs.11.5 Lakh
Available Area = 40 Sq.mt
Electrical Load = 2 KVA
Furniture Value = 0.5 lakh