

MICROPROCESSORS AND MICROCONTROLLERS LAB

LIST OF EQUIPMENT

S. No	Name of the Equipment/ Make/ Model No	Quantity
1.	8086/8088based, low cost, Microprocessor Trainer with on-board USB port, LCD, Provision for optional PC Keyboard and User Manual; Model: ESA 86/88E	15
2.	8051 family of, low cost, Microcontroller Trainer with on-board USB port, LCD, Interface for optional PC Keyboard and User Manual; Model: ESA 51E	15
3.	8085 based Microprocessor Trainer with User Manual; Model: MPS 85-3	3
4.	Power Supply; +5v@3A; +-12V@250mA; +-30V@100mA;	33
5.	Dual DAC Interface with User Manual; Model: IF-DDAC	5
6.	16 Channel 8-bit ADC Interface with User Manual; Model: IF-16ADC8	5
7.	Calculator type keyboard interface with User Manual; Model: IF-KBD	5
8.	Elevator interface with User Manual; Model: IF-ELV	5
9.	Traffic Lights interface with User Manual; Model: IF-TRL	3
10.	Stepper Motor Interface with Stepper Motor(3Kgcm) & Power Adapter with User Manual; Model: IF-Step	5
11.	LCD (16×2) Interface with User Manual; Model: IF LCD	5
12.	8251/8253 Study Card Interface with User Manual; Model: IF SC 8251/8253	3
13.	8255 Study Card Interface with User Manual; Model: IF SC 8255	3
14.	8259 Study Card Interface with User Manual; Model: IF SC 8259	3
15.	Cathode Ray Oscilloscope	3
16.	Dell OptiPlex 7010 Desktop Computer/Intel Core I7-13700 Processor, 16GB RAM/512 GB SSD/N/OS PC with Mouse and Keyboard	36
17.	Modular Embedded Development Platform 0816118,0816122	2
18.	ADC/DAC Module 0117411,1216410	2
19.	PIC Microcontroller Development Board with programmer 0217390 to 0217391	2
20.	UPS Eaton 9145 6.0 KVA UPS	1