



ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

Aditya Nagar, ADB Road, Surampalem – 533437.

Department of Electronics and Communication Engineering

MICROPROCESSORS & MICROCONTROLLERS LAB

List of Hardware Equipment

S.No	Name Of The Equipment	Total Units
1	TEMPERATURE LOOP INTERFACE MODULE WITH ACCESSORIES WATER BATH WITH RELAY PROVISION FOR ON/OFF CONTROLLER	2
2	TEMPERATURE LOOP INTERFACE MODULE WITH ACCESSORIES	2
3	CALUCULATOR TYPE KEYBOARD INTERFACE	2
4	ELEVATOR INTERFACE	2
5	8251 & 8253 STUDY CARD INTERFACE	4
6	EMBEDDED SYSTEM KITS	11
7	ARM CORTEX M3 KITS	2
8	ARM 926 KITS	2
9	PERFECT RTOS LICENSE FOR ARM 926 KITS	2
10	TMS 6713 DSP Starter kits	5
11	8255 STUDY CARD INTERFACE	2
12	REAL TIME CLOCK INTERFACE	2
13	CATHODE RAY OSCILLOSCOPE (30 MHZ	1

	DUAL TRACE)	
14	KEYBOARD INTERFACE	1
15	DUAL DAC INTERFACE MODULE WITH POWER SUPPLIES	2
16	8086 MICROPROCESSOR TRAINER KITS	10
17	8051 MICROCONTROLLER TRAINER KITS	10
18	STEPPER MOTOR INTERFACE WITH STEPPER MOTOR	2
19	DUAL SLOPE ADC INTERFACE	2
20	DUAL DAC INTERFACE	2
21	TRAFFIC LIGHT INTERFACE	2
22	100 MHZ DUAL CHANNEL DIGITAL STORAGE OSCILLOSCOPE	1
23	8279 STUDY CARD INTERFACE	2

LIST OF SOFTWARE

S.No	Software Description	No. of User Licenses	Date of Purchase
1	MENTOR GRAPHICS BACKEND TOOL SOFTWARE	35	8/4/2021
2	Matlab 2014 32Bit	25	9/1/2015
3	64 Bit Masm using Dos box 0.72	-	Open Source
4	Orcad Family Release 9.2	-	-
5	Keil microvision 3	-	Open Source
6	Eclipse Oxygen	-	Open source


Lab In-charge


Head of the Department.
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