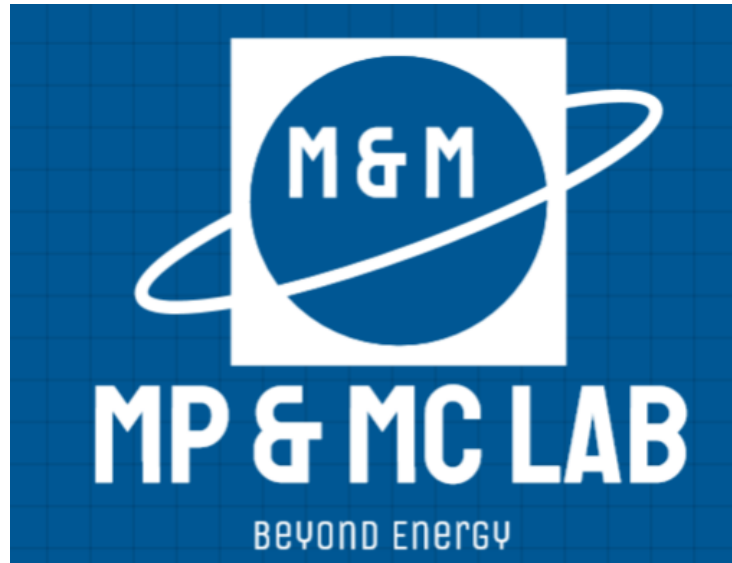


Microprocessors & Microcontrollers Lab



Objective:

This lab familiarizes the students with the programming and interfacing of microprocessors & microcontrollers and provides strong foundation for creating novel solutions for real time problems using processors, controllers and Interfacing devices.

Area of the Lab: 150 Sq.m

Details of the Equipment:

S.No	Name of the Equipment	Quantity	Cost of the Equipment in Rs.
1	8086/8088 Microprocessor Trainer Kits	63	3,12,083
2	8051 Microcontroller Trainer Kits	30	1,83,800
	ARM7 Microcontrollers	07	97,645
3	Interfacing Boards	80	89,303
4	Power supply systems	31	44,364
5	Cathode Ray Oscilloscopes	02	37,000
6	Computer Systems	36	11,62,000
7	6KVA- UPS	01	1,29,000
Total Cost of Lab Equipment in Rs:			20,55,195

Lab Cost:

S.No	Academic Year	Expenditure during this Year	Total Expenditure
1	2020-21	97,645.00	26,22,497.00
2	2019-20	--	25,24,852.00
3	2018-19	--	25,24,852.00
4	2017-18	13,70,600.00	25,24,852.00
5	2016-17	1,28,564.00	11,54,252.00
6	2015-16	--	10,25,688.00

Lab Mentor:

Dr. P. Lachi Reddy, Professor, Dept of ECE

Lab In charge:

Mr. Sasi Bhushan K Associate Professor Dept of ECE

Mrs. Bharathi K Assistant Professor Dept of ECE

Supporting Staff:

Mr. Y. Srinivasa Reddy Technician Dept of ECE

PHOTOS:

