

## **Microprocessor and IOT Lab**



List of Lab. Courses:

1. Digital Electronics and Microprocessors
2. Internet of Things

### **COURSE OBJECTIVES:**

Students will try to learn:

1. To Understand different programming techniques to implement in assembly language and introduction of IDE and interfacing peripheral devices.
2. To analyze different programming techniques to implement in MASM.
3. Build and test the mini IOT projects successfully using arduino.
4. Improve the team building, communication and management skills of the students

### **Microprocessor Lab Facilities:**

Intel 8085 Microprocessor Trainer Kits, Model 85-3, Col Battery power back up for Ram Make :ESA N1, Digital IC Trainer Full system with ZIF socket ,8051 Micro controller Trainer kit Make :Hi-Q, Model :HIQ-51,8085 microprocessor trainer kit: MPS 85.3,Digital IC Trainer Full system with ZIF socket,8085 microprocessor trainer kit Make: ESA, Model :MPS 85-3,Digital IC trainer system with broad band Make: Hi-Q ,Model :304 , Node MCU boards, D1 Minis, PIR sensors, LM35, LEDs, Buttons, Relays, Connecting Wires Breadboards etc.