

## Sensors & Transducers Laboratory

The main objectives of Electronics and Microcontrollers lab are

- Develop the ability to measure and normalize the characteristics and construction details of different sensors.
- Analyze suitable signal conditioning circuits for resistive, reactance and self-generating sensors.
- To identify suitable instruments to meet the requirements of industrial applications
- Able to measure the real time industrial parameters through appropriate devices



## Major Equipment

- VI Trainer Module for Different Sensors
- VI Bridge Circuit Module
- Scientech 2311 Sensor Modules with Communication Facility with Computer Systems
- Scientech 2311– Various Sensors
- Ten Computer Systems

## This Lab is Utilized for

### Odd Semester

- U15EIP302-Transducer and Measurements Lab
- U17EII3202- Sensors and Measurements Lab
- U17EII3203 – Measurements and Sensors Lab

### Even Semester

- U17EII4201- Electronic Signal Conditioning Lab