



Department of Mechatronics Engineering

Course Name: Sensors and Actuator

Class: SE Mechatronics Engineering

Course Code: 217550 (2019 Course)

Course Objectives:

1. Study of means of measuring various physical variables.
2. Study of different types of actuators.

Course Outcomes:

On completion of the course, learner will be able to

1. Understand how different physical variables are measured and illustrate their working principles
2. Identify and select proper sensors for specific applications
3. Understand issues of implementation of different sensors including calibration and error analysis
4. Understand different types of actuators and their implementation