

SENSORS TECHNOLOGY



COURSE OVERVIEW

This course is designed to provide participants with the knowledge in various types of sensor, its function and application in the manufacturing and process plant. Participant will explore to the characteristic of sensors and physical construction and the important parameter. Hands-on activities for all sensors make the training livelier with more value. Selection of sensors and various sensor connection techniques will inspire the participant to learn and apply in their works place.

COURSE OBJECTIVES

Upon completion of this course, participants will be able to :

- Describe the principle characteristic, parameter and function of various types of sensor.
- Perform the various type of connection of sensors.
- Perform trouble shooting of sensors.
- Select the correct type of sensors based on its application.

THE UNIQUENESS OF THIS COURSE

- Extensive coverage on principles of various types of sensors used in industry
- 70 % of the course will focus on practical application of each sensors component.
- Application on connection techniques, selection and troubleshooting of sensors.
- Industry experienced trainers

WHO SHOULD ATTEND

This course is designed to those who are related to the area of instrumentation as well as in education line.

Target Group: Engineers, Technicians, Lecturers and Technical Teachers

KEY TOPICS

- Introduction to sensors in general
- Inductive and capacitive sensors
- Optical and magnetic field sensors
- Selection of sensors
- Various sensor connection technique
- The strenght of materials using strain gauge

METHODOLOGY

Lectures and Practical Exercises

COURSE DURATION

3 Days

PRE-REQUISITE

- Basic Electrical, Electronics,
- Process Control and Instrumentation.

CERTIFICATION

Certificate of attendance will be issued to those who fulfill 80% of attendance.

Minimum Participant: 6

For further details, please contact:

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