



INTRODUCTION

Sensors are the eyes and ears of any automation system, thus deciding the accuracy and efficiency of the system. In the industrial automation domain, sensors play a very important role to make the products intelligent and highly automatic. These allow one to detect, analyze, measure and process various changes like change in position, length, height, appearance and displacement that occurs in the production sites. These sensors also play an important role in predicting and preventing many future events, thus, catering to the needs of many sensing applications.

Efficient sensors, combined with communication capability, are driving sensing technologies and their possibilities in the industry way ahead of what they used to be. With the advent of Industry 4.0, the role of sensors has become more crucial. Keeping this in view, Indian Machine Tool Manufacturers' Association (IMTMA) is organizing an online training on "Sensors for Industrial Automation - Types, Selection and Applications".

FOCUS AREAS

- Types of Sensors
- Concepts and Construction of Industrial Sensors
- Analog and Digital Sensors
- Sensor wiring Techniques
- Encoders construction, connection and working
- Sensors - Industrial Applications
- Insight into the technology of process Controls thro' sensors PLC and actuators

KEY TAKE AWAYS

- Understand types of Industrial Sensors available
- Understand sensor construction
- Understand the sensors working principle
- Select suitable Sensor for their industrial applications
- Learn Sensor connection to PLC
- Understand DOs and Don'ts with sensors

FEE PER PARTICIPANT (PER LOGIN)

Rs. 1500/-

+18% GST

IMTMA Members/ Micro Companies/ Individuals/ Educational Institutions / Students/ IMTMA Non Members/ Others

FACULTY

Anil Kumar Meti is presently working with IMTMA as executive officer taking care of Industrial automation training. He is having 8 yrs of total experience and prior to IMTMA worked in industries such as RR Steels and Hunet technology.

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REGISTRATION : Prior registration with an online advance payment is must. Number of participants is limited and will be accepted on 'First Come First Serve' basis. A Certificate of participation will be issued to participants.