

Course Overview:

In an industrial situation where it is required to measure and Instrument some aspect of a process, it is often the application of the knowledge and the ingenuity of the Engineer or Technician which is relied upon to solve the measurement and Instrumentation problem. Therefore, advanced understanding of operation of a range of sensors / transducers and instrumentation techniques applicable in an industrial situation combined with an understanding and knowledge of Process control techniques and tuning methods equips the Engineer or Technician with the necessary skills and makes them invaluable in their workplace.

Course Objective:

- To give an understanding of the advanced information of operation of a range of sensors and transducers
- To allow the delegate to become familiar and confident with a range of measurement techniques
- To become familiar and knowledgeable with PID control and develop the ability to 'tune' a process control system using PID control

Course Outline:

- Maintenance & Calibration of Flow transmitters
- Maintenance & Calibration of Level transmitters
- Maintenance of Control system
- Sustainability Program
- Cooling Tower & Chiller Operation & Troubleshooting Maintenance

Who Should Attend:

- Electronic Engineers and Technicians
- Electrical Engineers and Technicians
- Instrumentation Technicians
- Electricians
- Installation and Maintenance Technicians
- Instrument and Process Control Technicians

Training Language:

EN / AR

Training Methodology:

- Presentation & Slides
- Audio Visual Aids
- Interactive Discussion
- Participatory Exercise
- Action Learning
- Class Activities
- Case Studies
- Workshops
- Simulation