

Training Programme on Basic Industrial Process Instrumentation (CU-PI)

Objectives

Participants will have a basic or fundamental knowledge of Process Instrumentation and Physical quantity.
Will Know about the SIEMENS PI Product along with selection, specifications ,certifications and working.
Will get the hands-on experience on PI product where participants can parameterize the sensor and can do the parameterization through SIMATIC PDM Software .

Target Group

Diploma / Degree students in Electrical / Electronics/ Instrumentation/
Electronics & Telecommunication/ Biomedical/ Mechanical/ Production & Mechatronics Engineering

Content

1. Pressure Transmitters
 - Overview of the various pressure measurement technologies
 - Overview of the Siemens make pressure measurement portfolio
 - Unique features of Siemens make pressure transmitters
 - Hands on training for configuration, commissioning and troubleshooting
- Ø Temperature Transmitters
 - Overview of the various temperature measurement technologies
 - Overview of the Siemens make temperature measurement portfolio
 - Unique features of Siemens make temperature transmitters
 - Hands on training for configuration, commissioning and troubleshooting
- Ø Electropneumatic Positioners
 - Overview of the Siemens makes Electropneumatic Positioners
 - Unique features of Siemens make Electropneumatic Positioners
 - Hands on training for configuration, commissioning and troubleshooting
- Ø Level Transmitters
 - Overview of the various level measurement technologies
 - Overview of the Siemens make level measurement portfolio (Ultrasonic, Radar, Capacitance)
 - Unique features of Siemens make level transmitters
 - Hands on training for configuration, commissioning and troubleshooting
- Ø Flow Transmitters
 - Overview of the various flow measurement technologies
 - Overview of the Siemens make flow measurement portfolio (Mag Flow, Mass Flow, Ultrasonic Flow)
 - Unique features of Siemens make flow transmitters
 - Hands on training for configuration, commissioning and troubleshooting

Prerequisites

Basics knowledge of electrical & electronics

Type

Face-to-face training

Duration

40 hours

Language

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