



Process Control Instrumentation Module

Module Objective:

- To provide the participants with the basic knowledge of instrumentation
- To understand different signal conditioning circuits and methods
- To understand Temperature, Pressure, Flow and Level concepts
- To understand Temperature, Pressure, Flow and Level sensors
- To understand the functioning of Control valves and sizing
- To know the basic functioning of pneumatic systems

Class Schedule	Theory	Practical
1	Basics of Instrumentation & Measurement	
2	Signal Conditioning	4-20 mA configuration
3	Temperature Measurement	Configuration & Installation
4	Pressure Measurement	Configuration & Installation
5	Flow Measurement	Configuration & Installation
6	Level Measurement	Configuration & Installation
7	Control Valves	Control Valve Sizing
8	Pneumatic Systems	

Course Duration: 45 hours