



Basic Process Automation

Overview:

The training content provides a simple and safe introduction to process engineering and closed-loop control technology.

Participant Profile:

Students from B.Tech Diploma and ITI background

Content:

- Fundamentals on Process Automation
- Study of different parameters used in Process Industry
- Discussion on Component of Basic EduKit PA system
- Piping connections for process engineering components with symbols
- Difference between Open Loop & Closed Loop Control System
- Sensor Technology used for advance process automation system
- Study on Fluid Lab-PA software
- Basics of closed loop control and common control elements(P,I)
- Familiarization with different types of controllers
- Guidance about how to document the experimental values

Prerequisites:

- Basic knowledge on Physics, Chemistry and mathematics of intermediate level
- Communication Skills

Time Durations:

- 30 Hours (3 Hour/ Day)

