

# Introduction to PID Control and Tuning

**Course Code** PID-Intro

**Duration** 2 days

**Max Class Size** 12

**Prerequisite** None

The course is designed to provide participants with the basic knowledge of PID controller and tuning.

## Who should attend this course?

For operators, technicians and new engineers who want to learn the principles of PID controller and tuning.

### Day 1

Process characteristics

Modes of control

- Proportional
- Integral
- Derivative

Laboratory work : Process characteristics, controller action – open loop

### Day 2

Controller tuning

Laboratory work : PID control response; optimum PID setting