C.V. Raman
Global University
ODISHA BHUBANESWAR INDIA

F.A.C.T
Festo Authorized and Certified
Training Centre

Industrial Process Automation with MPS-PA

Overview:

Our training equipment for process automation covers all important learning targets in closed loop control and set up with purely industrial components and enables the participants to work hands-on with a real manufacturing process.

Participant Profile:

Students from B.Tech Diploma and ITI background

Content:

- Study of Components of MPS-PA Compact Workstation.
- Measurement and Control using Fluid Lab-PA
- P,I,PI control of different parameters with MPS-PA Compact Work Station
- Programming with PLC.
- Run a program on line with logic gates
- Concept of analog I/O and digital I/O.
- Programming with analog I/O variables and Implementation with physical kits.
- Operating CWS with PLC Program.
- Exercise related to various logical functions with CWS.
- Plan, edit and test the single project steps.
- Interfacing with MPS-PA Stations (Filtration, Mixing, Bottling, and Reactor) and operating with PLC programming.

Prerequisites:

- Basic knowledge of process automation and PLC Programming
- Communication Skills

Time Durations:

- 30 Hours (3 Hour/ Day)