

WTP 002 - Workshop on Electro Pneumatics with PLC Systems

Learning Outcomes

- Design, connect and test PLC based Ladder circuits using PLC Software
- Understand technical specifications and data relating to pneumatic, Electro Pneumatic components and systems.
- Identify and understand graphical symbols for pneumatic, electro Pneumatic components

Contents

- Fundamental Principles of Pneumatics,
- Classification of Pneumatic elements and their functions,
- Understanding and representation of symbols as per ISO 5599,
- Functioning of Electro Pneumatic products such as Magnetic sensors, Pressure Switches etc.,
- PLC Ladder Programming
- Simple circuits using PLC

Evaluation

Online Examination

Eligibility

Basic Technical Knowledge

Target Group

Institute - Student, Faculty

Duration

2 days

Training Materials

Used for Training

- Multimedia Presentation
- Computer Based Tutorials
- Magnetic Symbols
- JASP - Product Animations
- Pneumatic and Electro Pneumatic Trainer Kits

Handout to Participants

- Courseware, Participation certificate