

JTP 101 - Comprehensive Training Programme on Pneumatics

Learning Outcomes

- Design, Assemble and test basic Pneumatic circuits.
- Understand, differentiate and describe the construction, design features, and operation of pneumatic components.
- Understand technical specifications and data relating to pneumatic components and systems.
- Identify and explain graphical symbols for pneumatic components.
- Know the innovative development and current trends in automation products and their application.

Contents

- Fundamental Principles of Pneumatics,
- Free Air delivery requirements for a pneumatic system,
- Classification of Pneumatic elements and their functions
- Understanding and representation of symbols as per ISO 5599
- Simple Pneumatic circuits using symbols,
- Sequential Flow diagram & concept of cascading
- Troubleshooting Pneumatic circuits

Evaluation

Online Examination

Eligibility

Basic Technical Knowledge

Target Group

Institute - Student, Faculty

Industry - Design (Engineer / Manager) / Trainer

Duration

2 days

Training Materials

Used for Training

- Multimedia Presentation
- Cut Sections / Wall Posters
- Magnetic Symbols
- JASP - Product Animations
- Pneumatic and Electro Pneumatic Trainer Kits

Handout to Participants

- Courseware, Participation certificate