



## TEKmation Training Institute FET College

Engineering Education and Skills Development

Private Further Education and Training College

Company Reg : 2011/002576/07

DHET Reg No : 2011/FE07/078

### Advanced Pneumatics

#### Course Content

1. Review of basic & Intermediate Pneumatics
2. Logic controls
  - . Or Valves
  - . And Valves
  - . Not Valves
  - . Timeks Valves
  - . Memory Valves
3. Building blocks to create functional Pneumatic circuits
4. Safety circuits
5. Fail safe circuits
6. Reset systems
7. Emergency stop
8. Designing of Cascade systems to sequence complex circuits
9. Designing of systems and Simulating on Simulator boards
10. Fault finding in Pneumatic circuits
11. Introduction to Electro- Pneumatics

#### **Duration**

**4 days 08h:00 to 15h:00 or**

**4 Saturday 08h:00 15h:00**



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