



## Short-term Course

### Electro-pneumatics & Automation

Fluidsys Training Centre Pvt Ltd., Bangalore is proud to present the course on 'Electro-pneumatics and Automation'.

#### Duration

4 days

#### Timing

Regular course:

Monday to Friday (From 9.30 am to 4.30 pm)

For a weekend or evening or online course, please contact us.

#### Eligibility

Anybody with a technically-inclined mind and who wants to upgrade his/her knowledge and skill in the field of electro-pneumatics.

#### Course Outline

The course is designed to provide an introduction to electro-pneumatic systems. It covers the functions, symbols, types, parameters, advantages, disadvantages, characteristics, and specifications of electro-pneumatic components. Typical electro-pneumatic circuits are developed and simulated using a software package. This step is followed by practical using trainer kits to apply and reinforce the principles and concepts of electro-pneumatics.

#### Course coverage

The course deals with the functions, types, and symbols of the following components: Single and double solenoid valves, Electro-magnetic relays, PBs, Limit switches, Proximity sensors, Reed switches, Timers, Counters, and Pressure switch. The following electro-pneumatic control circuits are developed and simulated and implemented on trainer boards: Direct/Indirect controls, Logic controls, Latching circuits, memory circuits using double solenoids, Semi-automatic and fully automatic controls, Circuits for timing and counting functions, and Circuits with pressure switch.

#### Course Fee (2022-23)

Rs. 8000/- + Rs. 1440/- (GST) = **Rs. 9440/-**

#### Intake

Limited seats

#### Training Methodology and Resources

This is a classroom-based and practical-oriented course delivered with the help of good infrastructure facilities and expert faculty. Course material, workbook, and other resources required for the training are provided. The trainees should be able to identify electro-pneumatic system components and be able to describe the expected function of those components.

#### Faculty

The main faculty for the course is Mr Joji Parambath. He has vast experience in vocational training, for over 25 years. He has authored 37 books on pneumatics and hydraulics, so far. For more details, please visit <https://jojibooks.com>.

#### Assessment

The performance of trainees is continually assessed through tests and assignments.

#### Certification

Fluidsys Training Centre Pvt Ltd., Bangalore provides a certificate on the successful completion of the course.

#### Who Should Attend This Course?

This course is suited to professionals in the industry and faculty & students in engineering institutions. Plant managers, maintenance technicians/engineers, design engineers, assembly & test technicians, or anyone responsible for, or works on pneumatic systems or machines.

**Sign Up Today!**  
**Upgrade your Knowledge and Skill!!!**

*Note: Fluidsys reserves the right to alter the duration, timing, course coverage, fees, or other conditions of the course without assigning any reason.*