

# Fluidsys Training Centre Pvt Ltd., Bangalore

## Long-term Course Hydraulic and Pneumatic Systems – Advanced Level

We are excited to introduce our long-term course on Pneumatics and Hydraulics.

**Duration:** 12 weeks (4 to 6 hours per day, Monday to Friday) / Flexible timings

### Course Dates (2025):

1. 20-01-2025 to 11-04-2025
2. 21-04-2025 to 11-07-2025
3. 21-07-2025 to 10-10-2025

**Eligibility:** ITI / Diploma / Degree in Engineering (Mechanical / Electrical / Electronics / Computer Science streams) Or Two years of experience in the field

**Course Fee:** Rs. 30000/- + 5400/- (18% GST) = 35400/-

Note: You may pay the fees in three installments.

1<sup>st</sup> instalment: Rs. 11800/- (at the time of joining)

2<sup>nd</sup> instalment: Rs. 11800/- (at the beginning of the 5<sup>th</sup> week)

3<sup>rd</sup> instalment: Rs. 11800/- (at the beginning of the 8<sup>th</sup> week)

### Course Contents:

Week 1	Basic health and safety practices
Week 2	Pneumatics – Basic level
Week 3	Hydraulics – Basic level
Week 4	Hydraulics – Basic level
Week 5	Electro-pneumatics – Basic level
Week 6	Pneumatics / Electro-pneumatics – Advanced level
Week 7	Programmable Logic Controllers / HMI /SCADA
Week 8	Hydraulics - Advanced Level [Hydrostatic Transmissions (HSTs), Load sensing systems, Proportional valves, Servo valves, Cartridge valves]
Week 9	Design of typical Pneumatic and Hydraulic systems
Week 10	Tracing of industrial and mobile pneumatic & hydraulic circuits / Maintenance and troubleshooting of pneumatic and hydraulic systems
Week 11	Soft skills: Communication, Leadership, Interpersonal skills, Problem-solving and decision-making, Emotional intelligence, Team building, Time management, and Stress management
Week 12	Optional: (1) Small project work or (2) Fitting, assembly, and testing of pneumatic and hydraulic systems

Attendance: Min. 80%

Assessment: Continuous evaluation

Certificate: Issued by Fluidsys Training Centre Pvt Ltd

### Fluidsys Training Centre Pvt Ltd

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