

Industrial Hydraulics

Overview:

- The in-depth Industrial hydraulics training combines hydraulics, electro-hydraulics and proportional (dynamic) hydraulics and Mobile hydraulics.
- The extensive practical part provides you with an opportunity to design circuits and adjust parameters.

Participant Profile:

- Operation, Maintenance, Assembly & Planning personnel designers.
- Engineering Students.

Contents:

- Introduction to closed loop Hydraulics.
- Concept of Proportional Hydraulics & its application
- Working principle of Mobile Hydraulics
- Programming using PID blocks in PLC.
- Interfacing of PLC & sensors to Hydraulics system

Learning Target:

The Participants will be able to

- Read and interpret Industrial hydraulic circuits.
- Understand the principles of proportional & Mobile hydraulics.
- Develop and read proportional & Mobile hydraulics circuit diagrams.

Prerequisites:

- Knowledge on Electro- hydraulics.
- Basic knowledge on PLC programming.
- Communication Skills in English.

Teaching & Learning Media:

- Multimedia Presentation.
- Cut-section & Transparent models.
- Sample units & Power units.

Evaluation:

- Theory & Practical Exam
- Project work based on Industrial Application.

Time Durations:

- 18 Hours
- 3 Hours/ Day

Fee:

- ₹ 3500/- + GST

