

Variable Frequency Drive

Overview:

- For many years drive has been evolving fast, providing speed, precision and quality in production processes.
- This course provides you with an insight into VFD hardware technology, its function and operation.

Participant Profile:

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

Contents:

- Introduction to Variable Frequency Drive System
- Commissioning of Drive
- Parameterization of VFD in different mode
- Operation of VFD in Material Transfer Station
- PLC-Drive communication in networking

Learning Target:

The Participants will be able to

- Understand the Functional basic and working of variable frequency drive.
- Commission drives & will be able to program to achieve different speed control of motor.

Prerequisites:

- Knowledge on PLC Programming.
- Basic knowledge on Electrical Motors.
- 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
- 6 Hours/ Day

Fee:

- ₹ 3500/- + GST

