

INTRODUCTION

The modern machines have a variety of control features in order to facilitate greater accuracy, safety and productivity among all control features; in them the speed control plays a major role. To fulfil this need VFDs are used. A Variable Frequency Drive (VFD) is a type of motor controller that drives an electric motor by varying the frequency and voltage supplied to the electric motor. These days almost all industry sectors are using VFDs as a speed controlling device of Induction motors and there by the connected process.

To disseminate knowledge of VFD, Indian Machine Tool Manufacturers' Association (IMTMA) is organizing an online programme on "**VFD and its Industry applications**".

FOCUS AREAS

- Concepts and Construction of VFD
- Modes of VFD speed control
- Selection and Implementation guidelines
- VFDs Industrial Applications
- Insight into the technology of Motor Speed Controls thro' VFD and energy saving

KEY TAKE AWAYS

After undergoing the program, the participants will be able to have an overview of :-

- Understand how induction motor works
- Understand the Basic concepts of VFD
- Understand the construction of VFD
- Selecting Suitable VFD for their industrial application
- Selecting the suitable parameter for specific operation
- DOs and Don'ts with VFD system

FEE PER PARTICIPANT (PER LOGIN)

Rs. 6000/-
+18% GST

**IMTMA Members/ Micro Companies/ Individuals/
Educational Institutions / Students/ IMTMA Non
Members/ Others**

USD 240/-
Overseas Participants

Group Concession : 10% for 3 to 5 and 30% for 6 and more delegates being nominated from the same company

FACULTY

This programme will be conducted by **Mr. Anil Purohit**.

Mr. Anil Purohit is an Electrical engineer with more than 40 years Industrial Experience in field of Servo control, Machine Control Systems, Automation Products & Solutions, Machines & Test Rigs building, Intelligent and High Speed Motion Controls with Servo, PLC / VFD Technologies for Aurtomation, Machine / Test Rigs Building, Mechatronics / Machine Kinematics. Presently he is Founder Director of Leonardo Automation India P Ltd , and presently working as Technology Trainer and Technical Consultant .

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