

PLC FOR MANAGERS

TRAINING COURSE OUTLINE

COURSE SUMMARY

This course gives managers a practical understanding of Programmable Logic Controllers (PLCs) and their importance in industrial automation. It covers how PLCs work, their components, types, and applications. Trainees learn how automation enhances efficiency, reliability, and productivity, and gain insight into PLC operation, maintenance, and system management.

COURSE OBJECTIVES

At the end of this course the trainee should be able to:

- Understand how PLCs work and their operation modes
- Identify the various components of the PLC
- Know the types of PLCs available
- Know Input and Output devices
- Know the application of PLC
- Know the advantages of using PLCs
- Choose a PLC Hardware
- Know the benefits of automation
- Know the role of PLCs in MES/MIS systems
- PLC Operating and Maintenance Requirements



COURSE OUTLINE

- Introduction
- PLC Types
- Components of PLC
- Input / Output Devices
- PLC Applications
- Advantages of PLCs
- Automation
- PLCs and MES
- PLC Operating and Maintenance Requirements