



PLC Training Module

Module Objective:

- To provide the participants with the basic knowledge of PLC
- To set-up and operate the PLC
- To program the PLC using ladder diagram

Class Schedule	Theory	Practical Training
1	Introduction to Programmable Logic Controller (PLC)	Video – PLC & Automatic Control Systems
2	Design & Mode of Operation of a PLC	Introduction to PLCs
3	Basic PLC Instruction Set	Timer & Counter
4	Input and Output Devices	Application of Rising & Falling Edges
5	Commissioning a PLC	Binary and Counter
6	Programming Languages (IEC 61131-3)	Binary + Timer + Counter
7	Programming of simple logic functions	SFC
8	Debugging	Project - 1
9	ISO symbols according to ISO 1219	Project - 2

Duration o the Course: 45 hours