PLC

Description

A Programmable Logic Controller (PLC) or programmable controller is an industrial digital computer which has been ruggedized and adapted for the control of manufacturing processes, such as assembly line, or robotic devices, or any activity that requires high reliability control and ease of programming and process fault diagnosis.

Expectations and Goals

Build your career in automation industry. How it works and create new technology through automation.

Prerequisites

Basic knowledge in electrical, electronics.

Course Schedule

Module	Topic	Hours
Module No 1	**Introduction Industrial Automation** 1.1 What is PLC? 1.2 Brief History Of PLC	1hr
Module No 2	**Actuation** 1.1 Manual 1.2 Electrical 1.3 Mechanical	1hr
Module No 3	**Hardware** 1.1Toggle Switch 1.2 Push Button 1.3 Relay 1.4 Contactor 1.5 Sensor 1.6 Timer	6hr
Module No 4	**Practical on hardware equipment**	6hr
Module No 5	**Plc In Details** 1.2 Plc Modules 1.3 Plc Software	2hr
Module No 6	**Programing logic** 1.1NO/NC 1.2 SPDT, LATCHING 1.3MEMORYBIT 1.5 TIMER	10hr
Module No 7	**Familiar with Honeywell plc** 1.1 Soft-master and how it's works 1.2 Pc to Plc Communication 1.3 Master Logic Plc 1.4 Applications	4hr
Module No 8	**Project works**	10hr