Course Code   **: IA 10M**
Course Name   **: Vocational Training on Mitsubishi PLC & HMI or PLC & AC Drives**
Course Duration   **: 60 Hrs (20 modules, each module is of 3 Hrs)**
Maximum Duration   : **1 Month**
Training Methodology   **: In Group**

PLC
- Introduction on Industrial Automation and various components
- Automation PLC Hardware fundamentals
- PLC programming based on Mitsubishi make hardware and software
- Ladder Logic Concepts
- Introduction to real world control components like contactors, relays, timers, solenoid valves etc used in industrial process
- Conventional electrical wiring through various applications
- Use of PLC programming software through various applications

HMI
- Introduction to HMI programming
- HMI programming in Mitsubishi make HMI
- Creating projects on HMI Graphic displays, Screen generation
- Communication between PLC & HMI

AC Drives
- Introduction to AC Drives
- General philosophy and various types of AC Drives
- AC motor speed control, Speed torque characteristics
- Characteristics of AC Motors & mechanical loads/ driven equipments
- Local parameter control of AC Drives
- Remote parameter control of AC Drives communicating with PLC.

There is also an option for executing a minor project with mechanical arrangements using Mitsubishi make hardware and software to be done either individually by each candidate or in a group with each group having 5 members.

Course fees for each candidate would vary depending upon whether he/she opts for executing the minor project and if so whether he/she would do it in a group or individual basis.

Institute operating Time: 10:00 am - 08:00 pm (Monday to Saturday)
10:00 am – 04:00 pm (Sunday)

Course Fees & Enrollment: Please Contact us through

Email : info@iiatca.org
Phone : +(91) 98048 20351
Whatsapp : +(91) 99038 92986

Student may opt for either PLC & HMI or PLC & AC Drives.