



Last date for registration 07 November 2018

FOCUS AREAS

- Basic concepts of PLC -Types of PLCs and HMI, Applications areas with examples, recent trend in PLC,
- PLC Block Diagram, function of CPU, I/O interface, internal memory, Input image memory, Output Image memory, PLC SCAN, basic examples of PLC SCAN like start stop logic, etc.
- PLC Hardware: Different types of CPUs, Base racks, Extension racks, power supply modules, etc.
- Discrete Input / output modules, interfacing with field devices, concept of Sourcing & Sinking, I/O addressing
- PLC Programming : Relay based instructions, Timers and counters, Data Manipulation and other advanced instructions
- Analog Input / output modules: interface of Analog Devices with PLC
- Industrial Networking : Device level and Control level
- Hands-on practice in simulators and Mitsubishi Q series PLC training racks

KEY TAKE AWAYS

After undergoing the programme, the participants will be able to -

1. Insight in to basics of PLC and different types of PLCs, and latest trends in PLC Technology
2. Knowledge about PLC programming software : conventional and IEC 61131-3 based
3. Detailed understanding of Analog Interface
4. Networking: introduction of RS485 based network and Industrial Ethernet based network
5. Hands on practice on CC-Link : Open fieldbus network

PARTICIPATION FEE

Rs. 9000/-

IMTMA Members / Micro Companies / Individual

Rs. 10000/-

IMTMA Non Members

+ 18% GST

Group Concession : 10% for 3 to 5 and 20% for 6 and more delegates being nominated from the same company

**Special concession available for Faculty & Students from engineering colleges
(subject to availability of seats)**

PARTICIPANT PROFILE

This programme will benefit Managers, Engineers & Middle management personnel involved in the functions of Design & development, R&D, Production, Process planning, Application Engg. Maintenance and other related areas from Machine Tool, Auto & auto ancillaries, Packaging, pharmaceuticals, food processing and other General Engineering industries.

The programme will be totally practical oriented with hands-on practice. Participants would be encouraged to raise questions and solicit feedback from the expert faculty.

FACULTY

This programme will be conducted by Industry Experts from IMTMA Technology Centre and Mitsubishi Electric India.

For Registration Contact

Vinay Kumar
Programme Co-ordinator
8147559749
vinay@imtma.in

Contact Address

INDIAN MACHINE TOOL MANUFACTURERS' ASSOCIATION
@ BIEC, 10th Mile, Tumkur Road, Madavara Post,
Bangalore - 562 123
Tel : 080-66246600
Fax : 080-6624-6658

REGISTRATION : Prior registration for participation is necessary. Number of participants is limited and will be accepted on 'First Come First Serve' basis. A Certificate of participation will be issued to participants.

Important Information : Participation fee includes, course material, working lunch and tea / coffee. Interested companies are requested to register online by clicking on 'REGISTER' button and by filling up the nomination authority and participant's details in specified form.