

AMIATC

Topics Covered under DIPLOMA in Advanced PLC & Robotics – AAPRVI

PLC Brands:-

SIEMENS

Rockwell Package(Allen Bradley)

Mitsubishi

ABB

ROBOTIC Brands:-

ABB

FANUC

KUKA

YASKAWA

DURR

- Industrial Robotics Programming.
- Basic & Advanced level Robotics Programming.
- Robotics Fundamentals.
- Robotics Advanced Fundamentals.
- How to write in flex Pendant.
- Write Teach Pedant.

- PLC Hardware Fundamentals.
- Ladder Logic Concepts.
- Real Life Control Components Identification and Conventional Electrical Wiring through Various Applications.
- Use of PLC & Robotics Programming software's & Hardware through few Applications.
- Introduction on SCADA Software's.
- A Project of Automation with ROBOTICS.
- Introduction on Servo Drives.
- Configuring Servo drives.
- Communicating Drives with ROBOT.
- A Small Project on Automation with ROBOT and Drives.
- ROBOT Programming,
- SCADA Designing.
- Application of Drives.
- IMCC, Field Bus Protocol & Field Instruments.
- A Small Project of ROBOTIC Automation with PLC.
- ROBOTICS Programming and Applications.
- Application of AC Drives & Configuring AC Drives.
- Application of Servo Drives & Configuring Servo Drives.
- Project on Automation with PLC and AC Drives.
- Ladder Logic Concepts.
- Basic & Advanced level PLC Programming.
- Application of AC Drive along with Field Instruments.
- Designing of Electrical Drawing.
- Control Panel using AutoCAD.

- **Individual Care SYSTEMS.**

Duration 4 Months.

Contact

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