

Certificate Course in Mechatronics with Automation

Course Syllabus

- Programmable logical Controllers, SCADA HMI Networking Protocols, Process instrumentation, Mechatronics, Low Voltage Switchgear.
- AC / DC Drives
- Programming of Industrial Controllers (PLC)
- SCADA
- HMI & Networking
- Pneumatics and Electro pneumatics
- Hydraulics and Electro Hydraulics
- Mechatronics
- Embedded Systems and Internet of Things
- Design Thinking &/ Operations Management

Sectors require skills in Mechatronics with Automation

- Energy
- Chemicals
- Logistics
- Heavy Engineering and Manufacturing
- Aerospace
- Health Care
- Machinery and Equipment
- Automobiles
- Marine
- Defence