



Techno-Social Excellence
Marathwada Mitra Mandal's
INSTITUTE OF TECHNOLOGY (MMIT)
Lohgaon, Pune-411047.

Department of Mechatronics Engineering

Course Name: Industrial Automation

Class: TE Mechatronics Engineering

Course Code: 317547 (2019 Course)

Course Outcomes:

The students will be able to

1. Understand the fundamentals of Industrial Automation, PLC & SCADA.
2. Develop Ladder Program using basic & advanced PLC instructions for Sequential & Continuous processes.
3. Interface Analog & Digital I/O devices, Hydraulic & Pneumatic systems and VFD with PLC.
4. Apply Analog PLC functions to given process control applications.
5. Develop SCADA system for given applications.