



MILESTONE

INSTITUTE OF TECHNOLOGY

Upskill Reskill Stand Out



YEARS OF
EXCELLENCE

31000+

Enrolled Students

17000+

Placed Students

150+

Company Tie-ups

100+

Job Oriented Courses

Master Motor Control and
Variable Frequency Drive With

PLC SCADA

About us

Milestone Institute of Technology is a prominent institution that aims to be a global leader in teaching programs and the preferred training hub for the IT-ITES, Architecture/Construction, Mechanical, Graphic Design, Industrial Automation and Information Technology sectors. With a focus on providing quality qualifications, Milestone strives to enhance individuals' future prospects and opportunities, ensuring that their credentials are widely recognized and valued by employers and universities worldwide. One of Milestone's unique strengths lies in its ability to align its training programs with industry requirements. Through its subsidiary, **Milestone PLM Solutions Pvt. Ltd.**, Offers engineering design services to global companies, allowing students to receive practical,

hands-on training that prepares them for real-world challenges. Milestone Institute of Technology offers master diploma courses tailored to the needs of ITI, Diploma, and Graduate Engineering students specializing in **Mechanical, Civil, Architectural, Interior, Graphic Design, Industrial Automation, and Information Technology** streams. By providing comprehensive and industry-oriented education, Milestone equips its students with the skills and knowledge necessary to thrive in their respective fields. With a commitment to excellence and a forward-looking approach, Milestone Institute of Technology strives to shape the future of education by producing highly skilled professionals who contribute to the growth and development of industries on a global scale.



Mission and Vision

Our mission at Milestone Institute of Technology is to provide a comprehensive education solution that empowers students and enables them to excel in their chosen fields. Milestone believes in delivering a **high-quality, hassle-free education** experience to our students and thus ensuring their success and growth. Our vision is to be a global and unique leader of transformative education solutions. We aim to revolutionize the learning experience by leveraging technology and offering a diverse range of programs that meet the evolving needs of students and industries worldwide. Through our continuous efforts towards excellence, Milestone aspires to empower students and contribute to the advancement of society as a whole.

Why study with MIT?

What sets MIT apart from the rest of the institutions?

- From Last 22+ years we are in Training and Engineering Design Services, consistently upholding our commitment to excellence.
- Backed by our own Engineering Design Company, Milestone PLM Solutions Pvt. Ltd. Personalize Training.
- Our highly skilled faculty deliver top-notch professional knowledge and offer personalised training to each student.
- Every student receives personalized guidance and individual attention to strengthen concepts, improve practical skills, and achieve better learning outcomes.
- We employ specialised visual teaching methods to accelerate your learning. All courses feature instruction using the latest software versions.

Milestone Education Mission

Milestone aims to be a global leader in teaching programmes and the first-choice training hub for IT-ITES, Architecture/Construction, Mechanical, Industrial Automation, Graphic Design and IT sectors. Our goal is to enhance an individual's future prospects and opportunities by providing high-quality qualifications that are widely recognized and valued by employers and universities worldwide. Milestone-trained students are equipped with skills tailored to industry requirements, as Milestone also provides engineering design services to global companies through Milestone PLM Solutions Pvt. Ltd. Additionally, Milestone offers Master Diploma courses for ITI, Diploma, and Graduate Engineering students in the Mechanical, Civil, Architectural, Interior, Graphic Design, Industrial Automation, and IT streams.



Advance Industrial Automation & Control with PLC SCADA

Learn how to integrate PLCs and SCADA systems for industrial automation in this PLC SCADA Course, enhancing process control and monitoring for increased efficiency and reliability.

Overview

This PLC Scada Course combines PLC programming with SCADA systems, offering you the skills to remotely automate and monitor industrial processes. From programming logic controllers to developing efficient SCADA interfaces, you'll learn everything needed to excel in industrial automation.



Why Choose This Course?

Master Industrial Automation with PLC and SCADA

This hands-on, immersive PLC SCADA Course will help you Develop expertise in automating and controlling industrial processes.



100% Placement Assistance Program

Job placement assistance readiness.



Real time projects

Receive continuous feedback to enhance your learning.



Continuous Feedback

Receive continuous feedback to enhance your learning.

Advance Industrial Automation & Control with PLC SCADA

TRAINING PRICE

Contact: +91 98198 57244 | 8454065555

COURSE DURATION

8 Weeks (Regular / Weekend) 1 & ½ Hour

ONLINE / OFFLINE

Yes / Yes

Prerequisites

Basic Computer Skills

Topics Covered

Introduction to PLC Programming

- Introduction to Industrial Automation
- Introduction to PLC
- Architecture of PLC
- Types of PLC
- Classification of I/O field devices
- Sinking/ Sourcing wiring concept

ALLEN BRADLEY PLC (MicroLogix 1400)

- Wiring diagram
- Families
- Features
- Addressing
- Introduction to RSLogix Software
- Introduction to RSLogix 500 Software
- Bit instructions
- Timer and Counters
- Input/Output
- Compare instructions

- Compute/math instructions
- Move and Logical Instructions
- File Shift and sequencer Instructions

Siemens PLC S7-1200

- Wiring diagram
- Families
- Features
- Expansion modules
- Introduction to TIA software
- Bit instructions
- Compare/ Math Instruction
- Timer, Counter Configuration

SCADA

- Introduction
- Types
- Features
- Manufacturers
- Introduction to tags & its types
- Alarm Configuration

- Trends- Real Time & Historical
- Security
- Scripting
- Interfacing with PLC

Delta PLC DVP- 14SS2

- PLC Hardware/Architecture
- PLC Scan Cycle
- Bit, Byte & Word Instructions
- Program Control Instructions
- Timer, Counter Configuration
- Instruction Set
- Uploading, Downloading, Monitoring of program
- I/O Modules Configuration
- Subroutine and Interrupts Programming
- Communication Drivers
- Analog I/O Addressing, Digital I/O Addressing

Capstone Project

- Real Life Project / Live Project

Receive the following when attending a course at Milestone :

- Placement Support
- Free eBook
- Course Material

Exams and Certifications:

- PLC SCADA

Who should attend

- Graduate from Industrial Automation
- Professionals from Industrial Automation

Targeted Job Roles

- Electrical Design Engineer
- AutoCAD Electrical Drafter
- Electrical Systems Planner
- Project Engineer



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