

Since 2004...



21000+

Enrolled Students

10000+

Placed Students

150+

Company Tie-ups

100+

Job Oriented Courses

Master Diploma in **Industrial Automation**

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 aspire 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 20+ years we are in Training and Engineering Design Services, consistently upholding our commitment to excellence.
- We employ specialised visual teaching methods to accelerate your learning. All courses feature instruction using the latest software versions.
- Our highly skilled faculty deliver top-notch professional knowledge and offer personalised training to each student.
- We keep tracking student progress through assignments and projects.

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.



Industrial Automation

Step into the future of manufacturing with our comprehensive Industrial Automation courses. Learn the latest techniques and technologies to create smart, efficient factories. Our hands-on approach ensures you to gain practical skills in high demand in the industrial sector.

Industrial Automation Software

Industrial Automation refers to using control systems for operating equipment in manufacturing plants, boilers, heat treating ovens, switching on telephone networks, steering ships, aircraft, and other applications. Our courses will provide you with the knowledge and skills to excel in automating industrial processes.



Live Projects

Work on US based live projects and expand your portfolio international BIM standards.



Autodesk Certification

Internationally valid Autodesk certification to flaunt your skillset globally.



100% Placement

We assist you in finding the right job opportunities.

Master Electrical System Design with **AutoCAD Electrical**

Learn to create precise and detailed electrical system designs, enhancing efficiency and accuracy in your projects. This Autocad Electrical Course empowers engineers to easily develop electrical diagrams, schematics, and plans.

Overview

Electrical AutoCAD is a specialized software that helps electrical engineers design complex electrical systems. This Autocad Electrical Course will cover all aspects of AutoCAD, from basic commands to advanced electrical design features, ensuring you become proficient in using the tool for project planning and execution.



Why Choose This Course?

Transform Your Skills in Electrical Engineering

Gain the skills to design accurate electrical systems using AutoCAD, a critical tool in the field of electrical engineering.



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.

Master Electrical System Design with AutoCAD Electrical

TRAINING PRICE

Pls Contact For More Information

COURSE DURATION

2 Months (Regular / Weekend) 1 & ½ Hour

ONLINE / OFFLINE

Yes / Yes

Prerequisites

Basic Computer Skills

Topics Covered

Introduction to AutoCAD Electrical

- Introduction to CAD
- 2D Fundamentals

Electrical Schematic Design

- Preparation of sketches: Lines, Circles, Rectangular etc
- Dimension Style
- Layer Overview, modifying layer attributes
- Editing & modification of sketches
- Scaling objects, views
- Duplication using mirror, copy, pattern etc.
- Dimensioning techniques
- Creating & editing blocks
- Hatch, trim, extend, tables etc

Advanced Electrical Drafting

- Use of Xref
- Power Diagram DOL Starter
- Electronic Circuit Diagram
- Power Diagram Start Delta Starter
- Panel Layout
- IEC Symbols

AutoCAD 3D

- Introduction to 3D
- Extruding and revolving objects
- UCS concept and it's use
- Boolean using union, subtract and intersect
- Standard views

Isometric

- Isometric concept
- Isometric snap
- Drawing Isometric objects
- Dimensioning

Advance Features

- Photo rendering
- Printing Documents
- Templates Insertion

Capstone Project

- Real Life Projects / Live Projects

Receive the following when attending a course at Milestone :

- Internationally Recognised Autodesk
- Certificate
- Placement Support
- Free eBook
- Course Material

Exams and Certifications:

- Autodesk Course Completion
- AutoCAD Electrical

Who should attend

- ITI or Draughtsman, Diploma or BE/BTECH
- from Electrical Branch

Targeted Job Roles

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

<https://milestone.ac.in/courses/electrical-autocad>



To Know More Information

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

Pls Contact For More Information

COURSE DURATION

2 Months (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

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

<https://milestone.ac.in/courses/plc-scada>



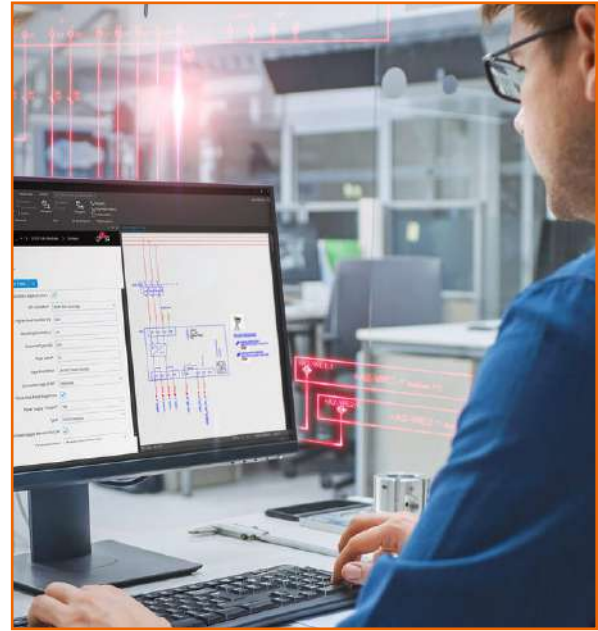
To Know More Information

Master Electrical Design Excellence Skills with E-PLAN

Learn to use E-PLAN software in this E-PLAN Course to manage, design, and document electrical engineering projects more efficiently and precisely.

Overview

E-PLAN is a widely used software in electrical engineering that simplifies project management, design, and documentation. This E-Plan Course covers using E-PLAN from basic functions to advanced design and documentation tools, preparing you for comprehensive project execution.



Why Choose This Course?

Streamline Electrical Engineering with E-PLAN

Become proficient in using E-PLAN for electrical project management, improving your design efficiency and documentation accuracy.



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.

Master Electrical Design Excellence Skills with E-PLAN

TRAINING PRICE

Pls Contact For More Information

COURSE DURATION

2 Months (Regular / Weekend) 1 & ½ Hour

ONLINE / OFFLINE

Yes / Yes

Prerequisites

Basic Computer Skills

Topics Covered

Introduction to E-plan

Basics of IEC Symbols

Creating Single Line Diagram

Creating Power Diagram

Generating Bill of Materials

Generating Title Page

**Receive the following
when attending a course
at Milestone :**

- Placement Support
- Course Material

Exams and Certifications:

- e-plan

Who should attend

- ITI or Draughtsman
- Diploma or BE/BTECH from Electrical Branch

Targeted Job Roles

- Electrical Engineer
- Project Manager
- Electrical System Designer
- E-PLAN Specialist

<https://milestone.ac.in/courses/e-plan>



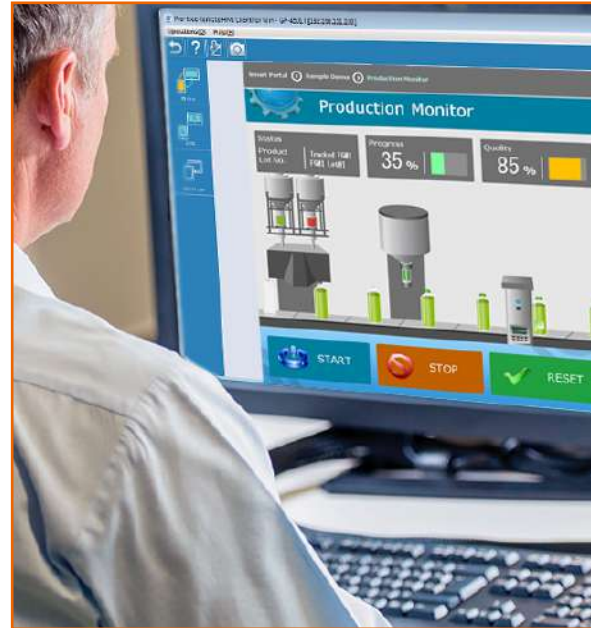
To Know More Information

Master the Art of HMI (Human-Machine Interface)

Become proficient in designing and implementing HMI systems for industrial applications with our HMI Course, enabling seamless interaction between operators and machines.

Overview

This HMI course & training focuses on Human-Machine Interface, providing the skills needed to develop efficient graphical interfaces that enhance the usability of industrial machines and systems. You'll learn how to design user-friendly interfaces for smooth operations.



Why Choose This Course?

Enhance Usability and Control with HMI

Gain the knowledge to design user-friendly interfaces that ensure efficient machine operation and control in industrial settings.



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.

Master the Art of HMI (Human-Machine Interface)

TRAINING PRICE	COURSE DURATION	ONLINE / OFFLINE
Pls Contact For More Information	2 Months (Regular / Weekend) 1 & ½ Hour	Yes / Yes

Prerequisites

Basic Computer Skills

Topics Covered

Introduction to HMI & Its Software

Creating Analog & Digital Tags

Script Writing for Given Applications

Alarm Generation

Generating Trends (Historical & Real Time)

Receive the following when attending a course at Milestone :

- Placement Support
- Course Material

Exams and Certifications:

- HMI

Who should attend

- ITI or Draughtsman
- Diploma or BE/BTECH from Electrical Branch

Targeted Job Roles

- HMI Designer
- Automation Engineer
- Control Systems Specialist
- User Interface Developer

<https://milestone.ac.in/courses/hmi>



To Know More Information

Master Motor Control and Variable Frequency Drive With MCC & VFD

Learn to design, operate, and maintain MCC and VFD systems with our MCC and VFD Course, gaining expertise in controlling motor speed and torque for industrial applications.

Overview

This MCC and VFD Course covers Motor Control Centers (MCC) and Variable Frequency Drives (VFD), teaching how to regulate electric motors for optimal performance. You'll learn to control motor speed, torque, and energy efficiency using VFDs and MCCs in industrial environments.



Why Choose This Course?

Optimize Motor Control with MCC and VFD

Develop the expertise to manage motor control systems, improving energy efficiency and operational control in industrial settings.



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.

Master Motor Control and Variable Frequency Drive With MCC & VFD

TRAINING PRICE

Pls Contact For More Information

COURSE DURATION

2 Months (Regular / Weekend) 1 & ½ Hour

ONLINE / OFFLINE

Yes / Yes

Prerequisites

Basic Computer Skills

Topics Covered

Introduction to MCC & VFD Systems

- An Introduction to MCC Panel
- Why MCC Panel necessary

Motors

- Study of Different types of motors

Circuit Breaker and Protection Element

- Basics of MCB, MCCB, ELCB, ACB etc.
- Basic of Relays, Contactor, Thermal Overload Relay
- Calculation of above element

Motor Starter Types

- Introduction to types of motor starter
- DOL and Remote DOL Starter diagram study and designing
- Star-Delta Starter diagram study and Designing

MCC Panel Designing

- Panel Designing Guide
- Practical control wiring of Motor starter
- Safety and Management Concept of VFD

VFD Basic

- Introduction to Basic concept of VFD
- Benefits of VFD over other starting method (DOL, RDOL, Star-Delta)
- Architecture of VFD

VFD practical

- VFD manual reading and parameters setting

- Different control modes of VFD (Local, 2 wire and 3 wire modes)
- Hands on Experience on integrated system

Capstone Project

- Real Life Projects / Live Projects

Receive the following when attending a course at Milestone :

- Placement Support
- Course Material

Exams and Certifications:

- MCC & VFD

Who should attend

- ITI or Draughtsman
- Diploma or BE/BTECH from Electrical Branch

Targeted Job Roles

- Motor Control Engineer
- VFD Specialist
- Automation Engineer
- Maintenance Engineer

<https://milestone.ac.in/courses/mcc-panel-and-vfd>



To Know More Information

REG. OFFICE THANE

201, Siddhashram CHS, Gokhale Rd, opp. Hanuman Temple, next to Ishan Arcade, Thane (W), 400602
Contact: +91 9819857244 +91 8454065555 Email: training@milestone.ac.in

ANDHERI

10, Vivina Bldg. No. 3, NADCO Shopping Center, Next to Bus Depot, Andheri (W), Mumbai - 400058.
Tel : +91 9702123388+91 9322842025
Email: andheri@milestone.ac.in

BORIVALI

201, 2nd floor, Mudra Society, Chandavarkar Rd, opp. Dattani Trade Centre, behind Byke hotel, Borivali West, Mumbai, Maharashtra 400092.
Phone: +91 9892694995 | +91 91378 75152
Email: borivali@milestone.ac.in

GHATKOPAR

201 Rajgor Empire, khot Lane, Opp Bata showroom. Ghatkopar west. Mumbai - 400086
Phone: +91 8369919983 | +91 8369984022 |
Email: ghatkopar@milestone.ac.i n

RATNAGIRI

309 B wing, Navkar Plaza, Maruti mandir, Ratnagiri, Maharashtra 415612
Phone: +91 7666464099 | 9029542464
Email: ratnagiri@milestone.ac.in