



STUDENT
DEVELOPMENT
PROGRAM
ON
PROGRAMMABLE
LOGIC CONTROLLERS
(PLC)

From 13th October 2025
To 17th October 2025

Jointly Organized by
Department of
Mechanical Engineering
and Department of
Electrical Engineering

Patrons

Dr. Mahesh B. Joshi, Exe. Dir. SVSS
Dr. Sunil V. Anekar, Principal NMCOE

Organizing Committee

Prof. R. B. Mane - HOD Electrical
Prof. S. S. Lande - HOD Mechanical
Prof. V. R. Shinge - ISTE Coordinator

VISION

- To develop a student into a graduate engineer with an attitude towards research and development

MISSION

- To impart quality education by continually changing academic contents.
- To enhance career opportunities for students through exposure to industry.
- To develop student by encouraging creativity, adaptability to apply know-how and thinking.
- To inculcate sensitivity toward society and a preserve environment.



SHRI. VENKATESHWARA SHIKSHAN SANSTHA'S
NANASAHEB MAHADIK
COLLEGE OF
ENGINEERING, PETH



Department of Mechanical
Engineering
AND
Department of Electrical
Engineering

ABOUT MECHANICAL ENGINEERING



PROGRAM OBJECTIVES

- To introduce students to the fundamentals of Programmable Logic Controllers.
- To provide hands-on experience in developing, writing PLC programs using ladder logic
- To explore how PLCs are used in real-world industrial automation systems
- To equip students with the skills to diagnose and troubleshoot issues in PLC-controlled systems
- To prepare students for careers in automation and control engineering by giving them practical experience

- ▶ Final Year students of Mechanical and Electrical engineering are eligible
- ▶ Program schedule will be from morning 10 am to 5 pm
- ▶ For course registration contact to course coordinator

Mr. Dinesh Dhumal,
Senior Engineer, with 10+ years
experience in Industrial Automation

EXPERT TRAINER



ABOUT ELECTRICAL ENGINEERING



PROGRAM OUTCOMES

- Students will be proficient in programming PLCs using various techniques such as ladder logic.
- Students will understand the use of PLC in controlling machinery, processes.
- Students will become familiar with SCADA, HMI, and other advanced technologies related to PLCs.

PROGRAM COORDINATOR

- Prof. Nilesh M. Sane - Mechanical Engg.
- Prof. Ajinkya B. Patil - Electrical Engg.

