

# Gyanmanjari Institute of Technology Bhavnagar

Report on Report on

## An Expert Talk on PLC-SCADA

Date: 18/07/2025  
Time: 11:00 am  
Venue : GF28

<b>No. of Student</b>	08
<b>Department</b>	Electrical and EC Engineering
<b>Discipline</b>	Degree
<b>Semester</b>	3 <sup>rd</sup> & 5 <sup>th</sup>
<b>Faculty Co-Ordinator</b>	Prof. Jaydipsinh K. Parmar

## Objective

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An expert talk for engineering students should aim to bridge the gap between academic knowledge and real-world applications, offering students valuable insights into current industry trends and innovations. By highlighting the practical applications of theoretical concepts, the speaker can demonstrate how the knowledge gained in the classroom translates to impactful solutions in the field. Such talks also play a crucial role in guiding students on career pathways and skill development, helping them understand the essential technical and soft skills that are valued in today's job market. Beyond technical knowledge, expert talks encourage interdisciplinary awareness, fostering an understanding of how collaboration across fields can solve complex engineering challenges. Additionally, students gain exposure to the importance of sustainable practices and ethical responsibilities, reinforcing the role of engineers in addressing environmental and societal issues. By inspiring students to think critically, innovate, and embrace lifelong learning, expert talks prepare them to adapt and thrive in the ever-evolving engineering landscape.

## About Activities:

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An expert talk on “*PLC SCADA* ” was successfully organized on **18th July 2025 (Friday)** at **Room No. GF-28**, specifically for the students of **Mechanical, Aeronautical, Electrical, Civil, n** branches (Diploma & Degree).

The seminar was conducted by *Sofcon India Pvt. Ltd.*, a National Skill Development Corporation (NSDC) and Ministry of Skill Development & Entrepreneurship (MSDE) affiliated company, also associated with ESSCI, IASC, and HSSC. The primary objective of the event was to provide industry-oriented knowledge and practical exposure related to *Industrial Automation, PLC SCADA systems*, and the rapidly evolving field of *Artificial Intelligence and Machine Learning (AI-ML)*.

The keynote speakers were:

- **Mr. Vishal Vadher**, Training Manager
- **Mr. Harvish Upadhyay**, Automation Engineer

The experts shared valuable insights on how automation and digital technologies are shaping modern industries. Key topics included real-time control systems, industrial communication, AI-ML applications, and trends in smart manufacturing. The session also highlighted career opportunities and essential skills for future engineers. An interactive Q&A allowed students to clarify doubts. E-certificates were issued to registered participants. The seminar was well-received, enriching students with practical knowledge and motivating them to explore careers in emerging technologies.

# Photographs

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**TPA Coordinator**

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**Head of Department**