



Gyanmanjari Institute of Technology Bhavnagar

Report on Report on

An Expert Talk on PLC SCADA & AI-ML

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

No. of Student	4
Department	Mechanical Engineering
Semester	5th
Faculty Co-Ordinator	Prof. Bhavesh Makwana

Attendance

Gyanmanjari Institute of Technology

Training and Placement Activity



Gyanmanjari
Innovative University

GYANMANJARI INNOVATIVE UNIVERSITY

Sidsar Road, Bhavnagar – 364060, Gujarat, India

Mechanical Engineering Department

Attendance Sheet

Semester : 5th
Name of Activity : An Expert Talk
Date of Activity : 18/7/25
Venue of Activity : GF-28
No. of Students : 04
Faculty Coordinator : Prof. Bhuvesh Mukwana

Sr. No.	Enr. No.	Name of Student	Sign
1	240905101011	SOLANKI HARDIKKUMAR	
2	240905101010	SACHANIYA DEV	Buchaniya
3	240905101008	PARMAR CHINTAN	Chintan
4	20230905100003	BUDHELIYA ABHAY	AB Budheliya
5	20230905100001	JASSAL JAGJEETSINGH	Jagjeet

B.V. Mukwana

Faculty Coordinator

Bhuvesh

Head of Department

Objective

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:

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



XXXXXXXXXXXXXXXXXXXXXXXXXXXX

B. V. Muktan

... Muktan

TPA Coordinator

Head of Department