

# REPORT

on

**Industrial Visit**

:

## **“HPCL LPG Bottling Plant”**

Date : 25<sup>th</sup> March, 2025



**Centurion**  
**UNIVERSITY**

*Shaping Lives...*  
*Empowering Communities...*

**Centurion University of Technology and Management,  
Odisha, India**

## Introduction :

The Department of **Electrical and Electronics Engineering (EEE)**, School of Engineering and Technology (**SoET**), Centurion University of Technology and Management (CUTM), Bhubaneswar Campus, organized an industrial visit for its students to **HPCL LPG Bottling Plant**, located at **Kusumati, Jatni**, on **25<sup>th</sup> March 2025**. The purpose of this visit was to provide practical exposure to **energy distribution** infrastructure and **control systems** in the **oil and gas sector**. A total of **12 B.Tech** students from the **EEE** department participated in the visit. This industry interaction helped students gain real-time insights into **automation, instrumentation, and safety procedures** within the context of LPG bottling and energy logistics. The visit served as a valuable bridge between theoretical knowledge and practical implementation in large-scale industrial settings.

## Objectives :

- To expose students to real-time electrical and control systems used in oil and gas processing facilities.
- To enhance awareness of safety protocols and energy distribution mechanisms in the LPG bottling industry.
- To correlate academic concepts with live industrial operations and technologies.
- To promote industry readiness among students through experiential learning.

## Key Outcomes :

- **Process Understanding:** Students gained exposure to the operational flow of LPG bottling and storage systems at HPCL.
- **Control System Awareness:** The visit deepened understanding of SCADA systems, relay coordination, and motor control mechanisms in plant automation.
- **Safety and Compliance:** Students learned about fire safety standards, emergency protocols, and hazard management in high-risk zones.

- **Practical Integration:** Observing real-time plant functions helped reinforce theoretical subjects like power systems, instrumentation, and energy management.
- **Career Exposure:** Interaction with plant engineers gave students insight into career opportunities in the energy and oil distribution sectors.

## Feedback from Participants:

The students found the visit **highly informative** and appreciated the structured walkthrough of the bottling plant's operations. They were particularly interested in the **automated filling systems**, **centralized monitoring**, and **stringent safety mechanisms** implemented at the plant. Faculty accompanying the group emphasized that such visits are critical for building technical confidence and industry-aligned competence among students. It was recommended that future visits include more interactive Q&A sessions with plant engineers to further enrich student engagement. Students expressed interest in revisiting or interning with HPCL for deeper learning.

## Glimpses of the Event :









Attendees :

**List of Students visit to HPCL for Industrial Visit on 25-03-25**

Sl. NO	Name	Registration	Signature
1.	Subham Kumar Bhol	220301150001	Subham Kumar Bhol
2.	Satyajit Pradhan	220301150002	Satyajit Pradhan
3.	Debasish Pradhan	220301150003	Debasish Pradhan
4.	Subhrajit Sahoo	220301150004	Subhrajit Sahoo
5.	Karan Kumar	220301150005	Karankumar
6.	Rashmiranjan Behera	220301151008	Rashmiranjan Behera
7.	Samya Ranjan Kalindi	220301151009	Samya Ranjan Kalindi
8.	Kausik Sahoo	220301151010	Kausik Sahoo
9.	Krushna Kumar Nayak	220301151011	Krushna Kumar Nayak
10.	Abhijeet Samantaray	220301151012	Abhijeet Samantaray