



KCES's College of Engineering and Management, Jalgaon
Department of Electronics and Computer Engg.
Activity Report

Name of The Activity : Industrial Visit 3			
Category of activity	Curricular- Academic		Sub-category- Educational trip
In collaboration (if yes, specify details)			
Date/ Time and Duration	20/04/2026 22/04/2026	No of Participants:	35
Participants profile:	Third Year Students (E&C Department)		Others Participants:
Location of activity	J.S.W Atomation Works, Dolvi		
Name of Co-ordinator (S)	Prof. Sacchin Y. Bhangale Prof. Divya P. Surwade Prof. Rohan Pardeshi Prof. Geeta Patil		
Guest/ Experts with designation (If any)	Mr. Prathmesh Welankar (Asst. Manager - Electrical & Automation)		
Objectives for conducting activity	1) Understand industrial processes 2) Exposure to real work environment 3) Interaction with professionals		
Methodology	1) Performing short Industry Tour (Observe processes, equipment, and workflow under guidance) 2) Note-Taking & Documentation – Record important observations and learning points.		
Out-Comes	1) Gain practical exposure to industrial processes and equipment. 2) Relate classroom theory to real-world applications. 3) Understand industry operations, safety, and quality standards.		

Coordinators

Mr. S. Y. Bhangale
Ms. D. P. Surwade
Mr. R. A. Pardeshi
Ms. G. S. Patil

HOD

Mrs. V. D. Sarode
Electronics & Computer Engineering
KCES'S College of Engineering & Management, Jalgaon

Principal

Dr. Sanjay Sugandhi

PRINCIPAL
K.C.E.SOCIETY'S
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& MANAGEMENT, JALGAON





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Description of An Industrial Visit

Introduction

An Industrial Visit was organized for the Third Year students of the Electronics & Communication (E&C) Department to provide practical exposure to real-world industrial processes and technologies. The visit was conducted from 20/04/2026 to 22/04/2026, at **J.S.W Atomation Works, Dolvi**. The main aim of this visit was to bridge the gap between theoretical knowledge and industrial practices, enabling students to understand how engineering concepts are applied in real-time environments.

Objectives of the Visit

- a. To understand industrial automation and control systems.
- b. To observe real-time manufacturing and production processes.
- c. To gain exposure to modern tools and technologies used in industries.
- d. To interact with industry professionals and understand career opportunities.
- e. To enhance practical knowledge and technical skills.

Company Profile

JSW Automation Solutions is a part of the JSW Group, one of India's leading industrial conglomerates. The company focuses on automation, control systems, and digital solutions for steel manufacturing and other industrial processes.

JSW automation is known for its advanced manufacturing facilities and adoption of cutting-edge technologies such as:

- 1) Industrial automation systems
- 2) PLC (Programmable Logic Controllers)
- 3) SCADA (Supervisory Control and Data Acquisition)
- 4) Robotics and process optimization tools

The company plays a crucial role in improving efficiency, safety, and productivity in large-scale industrial operations.

Methodology

- 1) Prior permission and scheduling were arranged with the company.
- 2) Students were briefed about safety rules and visit objectives before the trip.
- 3) The visit began with an introductory presentation about the company.
- 4) A guided tour of various departments and automation systems was conducted.
- 5) Students observed live demonstrations of control systems and machinery.
- 6) Interactive sessions were held with engineers and technical experts.
- 7) Students recorded observations and prepared reports after the visit.





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Key Learning Outcomes

- A. Understanding of automation systems used in industrial environments.
- B. Knowledge of PLC and SCADA systems in real-time applications.
- C. Insight into production processes and quality control measures.
- D. Awareness of safety protocols and industrial standards.
- E. Exposure to real-world problem-solving techniques.

Interaction with Industry Experts

Students had the opportunity to interact with experienced engineers and technical staff. The experts explained:

- a. Working of automation and control systems
- b. Importance of maintenance and safety
- c. Industry expectations and required skill sets
- d. Career opportunities in automation and electronics fields

Student Feedback

Students found the visit highly beneficial and informative. They appreciated:

- The opportunity to see real industrial operations
- Practical understanding of theoretical concepts
- Interaction with professionals
- Exposure to advanced technologies

Many students expressed increased interest in pursuing careers in industrial automation and core engineering sectors.

Expected Outcomes

- 1) Improved understanding of industrial processes and technologies
- 2) Enhanced practical and technical knowledge
- 3) Better career awareness and preparedness
- 4) Development of professional and communication skills
- 5) Strengthened connection between academic learning and industry

Conclusion

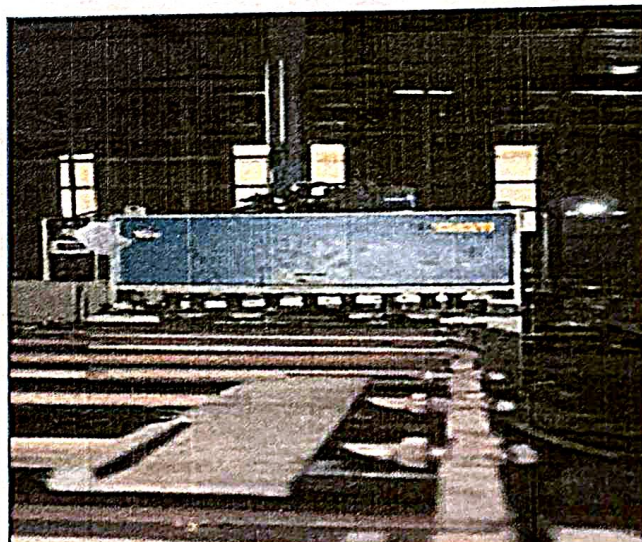
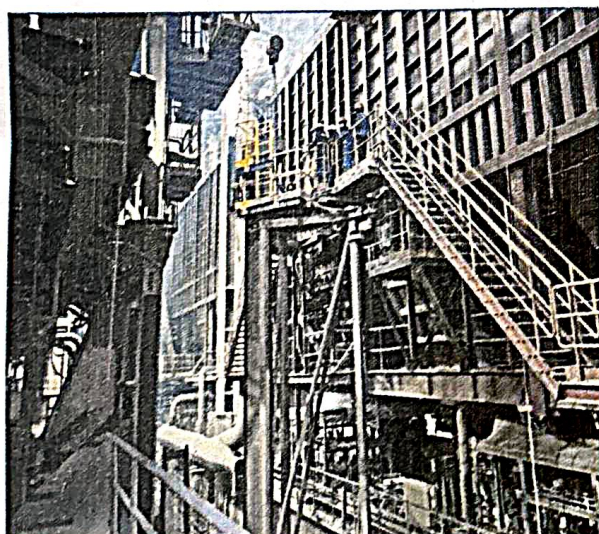
The industrial visit to JSW Automation Works was a valuable learning experience for the students. It successfully provided practical exposure to industrial systems, enhanced their technical knowledge, and helped them understand the real-world application of engineering concepts. Such visits play a crucial role in shaping students' careers and preparing them for future professional challenges.





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Glimpse of Visit:



[Signature]

HOD
Electronics & Computer Engineering
KCES'S College of Engineering &
Management, Jalgaon



**Khandesh College Education Society's
COLLEGE OF ENGINEERING AND MANAGEMENT, JALGAON**

An Autonomous Institute

**Affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere
NAAC Accredited | UGC 2(F) | Approved by AICTE New Delhi, Government of Maharashtra**

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REF:COEM/JAL/ Admin/ 25-26 /852

Date: 15/4/2026

To,

H. R Manager

RCF / JSW Steel

Industrial Automation System

Thal, Alibaug

Subject: Permission for Industrial Visit.

Respected Sir/Mam,

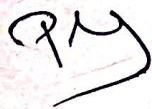
With reference to the above subject this institute is running a **B.Tech** course in **Electronics and Computer Engg.** As the part of curriculum, the students have to visit the industries & power plants for practical exposure & interaction with its working culture. This regards your cooperation is solicited. Hence we request you to grant the permission for visit at your power plant. The no. of students & probable dates of visit are as follows:- Please confirm the same.

Class	No. of Students	Probable Dates of Visit
TY (ECE)	35	20 st April to 21 nd April 2026
STAFF	4	

Thanks for co-operation and expecting the same in future also.

With Regards,


HOD






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