



॥ न हि ज्ञानेन सदृशं पवित्रमिह विद्यते ॥  
Dr. Vitthalrao Vikhe Patil Foundation's

**Dr. Vithalrao Vikhe Patil  
College of Engineering Ahmednagar**



DTE College Code: EN-5161

## Department of Electrical Engineering

### Industrial Visit Report

**Date:-**02/11/2023

**Time:-**10.15am

**Class: -** BE

**Venue:-** Ahmednagar

**Nature of Event (Intern/FW/IV):-** Technical Visit to Water Treatment Plant MIDC A.Nagar

**Name of Company: -** E&M Sub Division Water Treatment Plant MIDC Ahmednagar

**Address of Company: -** MIDC Ahmednagar 414101.

**Name of Staff: -** Prof.R.A.Darandale

**Name of Delegates: -** Mr. Shende Sir

**Description of the Event:-** Industrial visit for subject PLC & SCADA was arranged for final year Electrical Engineering students on 02/11/2023 to E & M Sub Division, Water Treatment Plant MIDC Ahmednagar. The purpose of the visit was to make the students familiar with the Automation used in Water Treatment Plant using PLC & SCADA.

#### 1. Objectives-

- To make the students understand the fundamentals of automation and various automation systems used in the industry, such as PLC. .
- To develop the architecture of SCADA, explaining each unit in detail.

#### 2. Outcomes:

Students are able to

- Develop and explain the working of a PLC
- Classify input and output interfacing devices with PLC.
- Develop the architecture of SCADA and explain the importance of SCADA in critical infrastructure

Total Number of Students Present: - 34



*Dr. A.R. Laware*  
PRINCIPAL  
Dr. Vithalrao Vikhe Patil  
College of Engineering  
Ahmednagar

*Dr. A.R. Laware*  
Head of Department  
Dept. of Electrical Engg.  
P.D.V.V.P. College of Engg.  
Ahmednagar

**Visit Permission Letter:**

Ref.No. CEA/Elect/2023/ 2918

Date: 30/10/2023

To,  
The Dy. Engineer,  
E&M Sub Division,  
Water Treatment Plant,  
MIDC, Ahmednagar-414111

**Sub:-Industrial visit of B.E. Electrical Students**

Respected Sir,

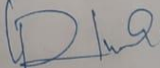
Dr. Vithalrao Vikhe Patil College of Engineering was established in 1983 and is approved by AICTE New Delhi, Govt. of Maharashtra and affiliated to University of Pune. The college provides Engineering under graduation course in Civil, Mechanical, Electrical, Electronics & Telecommunication, Information Technology, Computer science and design with post graduation courses in Civil & Mechanical Engineering. As per the curriculum of Savitribai phule university pune. It is necessary to visit industry for up-gradation of practical knowledge of students.

It is now requested that permission to be granted for 40 students of **BE Electrical Engineering** accompanied with 2 staff members. The visit may be scheduled preferably on 03<sup>rd</sup> Nov. 2023. It is assured that there will be no disturbance in your work schedule due to visit of our students.

Your cooperation in this matter will be highly appreciated.


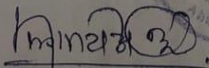
Thank you.


Your sincerely

  
Principal


College of Engineering,  
Ahmednagar.

Visited BE Electrical  
45 student with  
2 staff members

  
  
Deputy Engineer  
M.I.D.C., E&M Sub Division,  
Ahmednagar.

  
Dr. A.R. Laxare  
**Head of Department**  
Dept. of Electrical Engg  
P.D.V.V.P. College of Engg,  
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Dr. Vithalrao Vikhe Patil College Of Engineering, Ahmednagar			
DEPARTMENT OF ELECTRICAL ENGINEERING			
INDUSTRIAL VISIT- WATER TREATMENT PLANT 02/11/2023			
SR. NO.	NAME OF STUDENT	ROLL NO.	SIGNATURE
1	pathare Abhishek Vilas	18	AB
2	Bidhavant Akash Rajaram	06	Akash
3	Dalvi Yogita Balu	07	YogitaBP
4	Kamble Punam Sanjay	15	Punam
5	Shinde Sandhya Babasaheb	24	Shinde
6	Pimple Sakshi Pravin	20	Sakshi
7	Bhatiya Abhishek	04	Abhishek
8	Wairao Renuka Ramdas	28	Wairao
9	Sonap Vaibhav Dinkar	53	Vaibhav
10	Jadhav Shrinath Pandurang	37	Shrinath
11	Umesh Kalyan Dangore	36	Umesh
12	Thakare Ramdas Anant	33	Ramdas
13	Pawar Ajit Balasaheb	58	Ajit
14	Jawale Mahesh Ramnath	13	Mahesh
15	Jadhav Prajita	11	Prajita
16	Aliya Shaikhgani	23	Aliya
17	Diksha Bhigardave	05	Diksha
18	Prashali Dawkar	08	Prashali
19	Athare Subodh	02	Subodh
20	Bhakare Sumit Santosh	03	Sumit
21	Gailwad Chaitanya	10	Chaitanya
22	Nalla Dnyaneshwar Olaxmikant	40	D. Nalla
23	Khardane Sanket Baban	39	Sanket
24	Kute Swapnil Parshuram	17	Swapnil
25	Kale Ashutosh Uttam	56	Ashutosh
26	Sasane Rushikesh Ramesh	54	Rushikesh
27	Tandale Rushikesh Suresh	27	Tandale
28	Vikhe Jalindar Sapan	42	Jalindar
29	Dangat Aditya	29	Aditya
30	Dukale Tushar	09	Tushar
31	Samle Aman	21	Aman
32	Kakde Vaishnavi	14	Kakde
56	Ganesh Sonawane	56	Ganesh
55	Vinod Shirse	55	Vinod

Mr. Darandale R.A.  
In-charge Industrial Visit.

Dr. A.R. Laxare

Head of Department  
Dept. of Electrical Engg  
P.D.V.V.P. College of Engg.  
Ahmednagar.



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Dr. Vithalrao Vikhe Patil  
College of Engineering  
Ahmednagar



## Visit Photographs:-



*A.R. Lawre*  
**Dr. A.R. Lawre**  
**Head of Department**  
**Dept. of Electrical Engg**  
**P.D.V.V.P. College of Engg.**  
**Ahmednagar.**



*Vikho Patil*  
**PRINCIPAL**  
**Dr. Vithalrao Vikho Patil**  
**College of Engineering**  
**Ahmednagar**