


Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar**Department of Information Technology****Academic Year 2023-24****Project Group and Topics List**

Group No.	Name of Students (Roll No.)	Project Topic	Name of Project Guide & Reviewer
1	HARSH RAJA (51) PARAG PALASKAR (44) SAYED HAMZA (57) VISHAL RATHOD (52) TAMBOLI DANISH (64)	Empowering E-Healthcare: A Robust System for Data Sharing and Authorization Framework	Dr D A Vidhate Prof Mrs P.S Dolare
2	PATIL PRACHI (47) HIRE JANHAVI (22) DHOKCHAULE SAILI (19) THOMBAL VAISHANWI (65)	Automating Agri-Food Traceability: Ethereum Smart Contract Generation for Enhanced Transparency	Dr D A Vidhate Prof Mrs P S Dolare
3	RAUT VAIBHAVI (53) SHIRSATH VAISHANVI (61) VIKHE PRATIKSHA (67) BHUSARE VAISHANVI (14)	Blockchain based IOT Enabled E-waste tracking and tracing system for smart cities	Prof Mrs P.S Dolare Dr D A Vidhate
4	BORUDE ANURAG (15) JOSHI CHAITANYA (27) AHER ADITYA (03) PACHANGE NIKHIL (43)	Emergency Assistance for the Hearing Impaired: Inclusive Solutions for Safety	Prof Mrs P.S. Dolare Dr D A Vidhate
5	KARNAWAT BHAVIKA P. (30) TAMBE PRANITA S. (63) SHINDE VAIBHAV A. (60) POTDAR SHIVPRASAD V. (49) WAGH OMKAR	Advanced Facial Recognition Systems for Law Enforcement: Enhancing Criminal Identification and Missing Persons Recovery.	Prof Ms M N Kale Prof A.A. Pund
6	PATEL TAYYABA A. (46) SHAIKH AMISHA (74) ANDURE VAISHNAVI (04) ADSURE KAVERI (01)	Revolutionizing Organ Donation and Transplantation Management with Blockchain Technology	Prof Ms M N Kale Prof A A Pund
7	TEJASWINI KHEDKAR (33) UGALE TEJASWINI (66) YADAV VARSHA (72) NAMITA SARATE (55))	Striking Dysarthric Speech Recognition through Multi Stream Audio Fusion with Pretrained Models.	Prof Ms A B Bavane Mrs A A Deshmukh
8	GAURI DHERE (18) SANGITA VIRKAR (69) VAIBHAV ROKADE (54) BHONGALE KHITIJ	Transforming Healthcare with Hyperledger: A Comprehensive Analysis of its Applications in Hospital Information Systems	Prof Ms A B Bavane Mrs A A Deshmukh
9	AVCHAR HARSHAVARDHAN (73) BHAPKAR SHUBHAM (12) BERAD YASHANJALI (11) PARKHE SAKSHI (45)	Detection of Android BOTNETS	Prof A A Pund Prof Ms M N Kale
10	KEDARI PRITHVIRAJ (31) MEHER ANUSHKA (03) BANKAR APEKSHA (09) ADSURE PRAJAKTA (02)	Network Nexus: A Novel Model for Predicting and Disrupting Complex Terrorist Networks.	Prof A A Pund Prof Ms M N Kale
11	SONAWANE VISHAL (92)	Balancing Stakeholder	Prof. Mrs. P.S Gayke

	JADHAV SHUBHAM (23) BADE RAHUL (07) TUSHAR JADHAV (24)	Interests in IMOCs-Based EV Charging Station Planning Optimization	Mrs P V Ambilvade
12	PUND DIPAK (50) JAWALE RUSHIKESH (26) KOTAKAR MAYUR (34) BADAK PAWAN (06)	DeLend A P2P Loan management scheme using public block in 6G network.	Prof Mrs P.S Gayke Mrs P V Ambilvade
13	SAKSHI BEDRE (10) SHIFA SHAIKH (58) NIKITA SARODE (56) GAYATREE MORE (39)	SPAM Detection using Deep Learning and IOT	Mrs A A Deshmukh Prof Ms A B Bavane
14	JAGTAP PRANJAL (25) MARKAD SAKSHI (28) WADITKE BHAGYASHREE(70) WAGHUMBARE SHUBHANGI (71)	Trustworthy IoT Data Streaming with Blockchain and IPFS Integration.	Prof Mrs P.S. Dolare Prof. Mrs P.S Gayke
15	PAWAR PRANAV (48) MORE VIVEK HARIBHAU(40) NIKAM VINIT DINESH(42) BANKAR BHUSHAN (8) SHUBHAM KANDEKAR ()	Integrating Multimodal Data Fusion for Enhanced Student Mental Health Detection in Education.	Prof Mrs K.P. Davange Mrs A.A. Deshmukh
16	SHRUTI MUNDLIK () TANAYA KADAM() AISHWARYA SHINDE () GAURI ASALKAR ()	Dynamic Temporal Analysis for Chunk-Level Speech Emotion Recognition.	Prof G.M Dahane Prof Mrs P S Dolare
17	AJAY DHANWATE (17) AKASH DAULE (18) SIDDHANT KHARDE (32) VIVEK GULJAKAR(21) GAWARE SARTHAK (20)	Deep learning Based and IoT Based Approach fruit disease detection.	Prof G.M Dahane Prof. A. A. Pund




 PRINCIPAL
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 College of Engineering
 Ahmednagar

Department Of Electronics & Telecommunication
Project Based Learning
2019 Pattern Semester -II

List of final project groups and Topics

Group no	Roll No	Name of students	title	Name of Guide	sign
1	64	Gadge Rushikesh D	Industry 4.0	Dr.A.K.Patil	
	65	Gadge Aniket N.			
	70	Kolhe Anand A			
2	56	Walzade Aditya H.	Smart Traffic ontrol System using Arduino	Dr.A.K.Patil	
	35	Nedre Dattatray R.			
	41	Sadafal Krushna S.			
	59	Hodgar Rohan P			
3	20	Jadhav Nikhil D.	Agricultural technology	Dr.A.K.Patil	
	12	Dhangar Yadnyesh			
	30	Kulkarni Shubham M			
	16	Gudgal Aniket			
4	08	Chipade Sanket B.	Blue Brain	Dr.A.K.Patil	
	50	Shinde Sushant P.			
	44	Saundore Sachin B.			
	37	Patole Mayur R			
	57	Wavhal Rohan G.			
5	11	Dhamak Gayatri H.	Smart Dustbin using IOT	Dr.A.K.Patil	
	09	Dahatonde Komal A.			
	17	Guldagad Tanishka S			
6	45	Sayamber Rutuja M.	IOT based sound pollution monitoring system	Dr.A.K.Patil	
	60	Gadhawe Jayesh V.			
	31	Kulkarni Yashwanta			
7	13	Dhaytadak Sakshi S.	Air water Pollution Sensing Smart watch	Dr.A.K.Patil	
	19	Jadhav Shubhangi R.			
	39	Pawar Vaishnavi R.			
8	48	Shinde Tejas Dilip	Robotic arm for industrial applications	Prof. A.R.Landge	
	03	Bhalerao Tushar V.			
	05	Bhosale Pushpak A.			
	61	Bhanuse Kaushik V.			
	18	Hadule Sakshi S.			
9	04	Bhos Aniket V.	Plant irrigation system	Prof. A.R.Landge	
	14	Gadhawe Pritam			
	15	Ghorpade Abhijit K.			

Department Of Electronics & Telecommunication
Project Based Learning
2019 Pattern Semester -II

10	28	Kolhe Rutuja	SMS Voting system	Prof. A.R.Landge	
	29	Kotkar Snehal			
11	27	Kharmale Bhakti G.	Artificial Intelligence based Home security System	Prof. A.R.Landge	
	55	Wagh Yashada R.			
	32	Kulkarni Sakshi V			
12	49	Shinder Viraj B.	Fire alarm system	Prof. A.R.Landge	
	51	Shirsat Vivek M.			
	42	Sangale Tushar N.			
	06	Bhusari Ram D.			
13	46	Saykad Anjali S.	Coin insertion based mobile charging system	Prof. A.R.Landge	
	01	Bargaje Rohini H.			
	23	Kadam Kajal S.			
14	21	Jadhav Shital S	Solar Power System	Prof. A.R.Landge	
	67	Ghuge Priyanka S.			
	62	Beedkar Rutuja J.			
15	33	Lambrud Mangesh H.	Water tank level indicator	Prof. A.R.Landge	
	22	Japkar Saurabh R.			
	58	Gagare Nikhil M.			
16	74	Varpe Pooja D.	Railway Track pedestrian crossing between platform	Prof. A.R.Landge	
	69	Jagtap Dipali A.			
	66	Gaikwad Kalyani S.			
	71	Sadaphule Prajcta P.			
17	73	Sonawane Vishnavi N.	USB MP3 Player	Dr.A.K.Patil	
	63	Bhand Shraddha V.			
	72	Shinde Sakshi S.			
18	36	Parkhe Ashwini P.	Wireless Petroleum Level measurement using Digital Sensor	Dr.A.K.Patil	
	38	Pawar Divya S.			
19	53	Varat Prajcta C.	Bio Battery	Prof. A.R.Landge	
	34	Nagare Priyanka S.			
	26	Kharat Prajcta R.			
	43	Sathe Nikita B.			



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College of Engineering Ahmednagar**



DTE College Code: EN-5161

Department of Civil Engineering

Report of Event (Internship/Field Work/Industrial Visit)

Date:- 27/10/ 2023

Time:- 10.15am

Class:-BE

Venue:- Ahmednagar

Nature of Event (Intern/FW/IV) :- Technical Visit to Hot Mix Plant

Name of Company:- GHV (India) Pvt. Ltd.

Address of Company:- Gat No.796/1, Mandavgan Phata, Solapur Road, Ahmednagar 414101.

Name of Staff:- Prof. S. N. Daule, Dr. M. P. Wagh

Name of Delegates:- Er. Sharat Sinha (Plant Head), Er. Gupta(Testing Lab I/C).

Description of the Event:- Industrial visit for subject Transportation Engineering was arranged for final year civil engineering students on 27/10/2023 to GHV (India) Pvt. Ltd Hot Mix Plant, Mandavgan Phata, Ahmednagar. The purpose of the visit was to make the students familiar with the working operations of hot mix plant and testing on bitumen and polymer mixes.

1. Objectives-

- To provide an awareness about new technologies.
- To provide an exposure about industrial practices.

2. Outcomes :

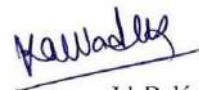
Students are able to

- Get exposure to current work practices
- Identify their prospective area of work.
- Enhance their interpersonal skills.

Total Number of Students Present:- 42




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U.R.Kawade

H.O.D (Civil)
Head of Department
Dept & Civil Engineering
D.V.V.P.C.O.E, Ahmednagar

Visit Permission Letter:

Ref. No. : CEA/CIVIL/23-24 2809

DATE: 17/10/2023

To
GHV Hot Mix Plant,
Kokangaon,
Ahmednagar-414401.

Subject: Regarding technical visit of B. E. Civil students.

Sir,

The final year students of civil engineering study the subject Transportation Engineering which includes different types of roads, soil subgrade, stone aggregates, WBM, WMM, bituminous mixes etc. So our students are eager to study pavement mixing by visiting your Hot Mix Plant and various activities during pavement construction.

Kindly permit us for technical visit and convey a suitable date. The list of students and faculty members is attached herewith.

The probable scheduled date of visit is 26/10/2023.

Thanking you.

Encl: List of students & staff



Yours faithfully,

Dr. U. P. Naik
Principal
College of Engineering
Ahmednagar

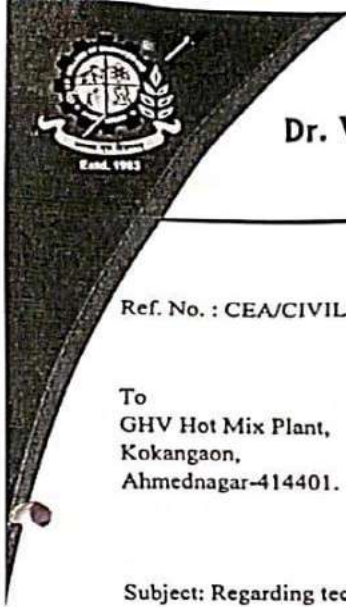
o/c
S. N. Dauls
17/10/23

Handed
o/c.



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Visit Conduction Remark by GHV:



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Affiliated to SPPU, Pune (ID. No. PU/AN/Engg./027/(1983)
Recognized by AICTE, New Delhi & Government of Maharashtra
Accredited by NAAC with A+ Grade (3.34 CGPA) & NBA, New Delhi



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Yours faithfully,

Dr. U. P. Naik

Principal

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Encl: List of students & staff



4274292
People



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Vilad Ghat, Vadgaon Gupta, PO MIDC, Ahmednagar(MS) India - 414 111



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Department of Civil Engineering		
BE Civil		
Name of Subject: Transportation Engineering (401002)		
A.Y. 2023-24	Technical Visit to Hot Mix Plant	Date:
Roll No.	Name of Student	Sign. of Student
1	Baraskar Harshada Sanjay	<i>Baraskar</i>
2	Bhagat Pramod Mahadev	<i>Bhagat</i>
3	Bhagwat Samruddhi Jeevan	<i>Bhagwat</i>
4	Chavan vishal Bhagwan	<i>Chavan</i>
5	Dafal Rohan Sanjay	<i>R. Dafal</i>
6	Dalvi Abhishek Raju	<i>P. R. Dalvi</i>
7	Deshmukh Devyani Arun	<i>Deshmukh</i>
8	Deshmukh Aditya Anantrao	<i>D. S.</i>
9	Dhakane Vaishnavi Mahadeo	<i>Vaish</i>
10	Dhande Snehal Haridas	<i>Snehal</i>
11	Dhawade Rohit babasaheb	<i>R. S.</i>
12	Dhongade Vinay Arvind	<i>V. S.</i>
13	Gagare Aditi Ravindra	<i>Aditi</i>
14	Gore Yuvraj Shivaji	<i>Y. Gore</i>
15	Hasnale Shraddha Raghunath	<i>Hasnale</i>
16	Jadhav Raviraj Mahadev	<i>Raviraj</i>
17	Jaware Siddesh Eknath	<i>Siddesh</i>
18	Kakade Tejas Tukaram	
19	Kalam Siddhant Arjun	<i>Siddhant</i>
20	Kale Omkar Viithal	<i>Omkar</i>
21	Kale Nitin Dattu	
22	Landge Sailee Baban	<i>Sailee</i>
23	Lashkare Niranjana Shashikant	<i>Lashkare</i>
24	Lawande Shubham Bhausaheb	
25	Malve Shubham Dattu	<i>MS</i>
26	Mhaismale Ruchita Dnyaneshwar	<i>Ruchita</i>
27	Mudalkar Aishwarya Popat	
28	Munot Akshay Vijay	<i>Akshay</i>
29	Patara Aditya Rajendra	<i>Aditya</i>
30	Patekar Nikita Shivaji	<i>Nikita</i>



[Signature]
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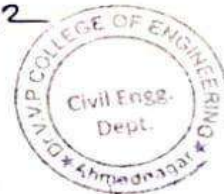
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Department of Civil Engineering		
Name of Subject: Transportation Engineering (401002)		
A.Y. 2023-24 Technical Visit to Hot Mix Plant Date: 27/10/2023		
Roll No.	Name of Student	Sign. of Student
31	Pawar Rohit Suresh	
32	Pawarpatil Pratik Balasaheb	
33	Sabale Kunal Raju	
34	Sase Jaydip Nanabhau	
35	Sase Shivam Parasram	
36	Sayyed Aman Arif	
37	Shaikh Ayesha Hanif	
38	Shelke Priti Sanjaykumar	
39	Todmal gaurav chandrakant	
40	Vairal Komal Sanjay	
41	Varpe Abhishek Sanjay	
42	Wagh Gaurav Devidas	
43	Zanje Revan Dnyaneshwar	
44	Zine Ankush Ramdas	
45	Jagtap Avdhoot Chandrashekhar	
46	Shelke Tushar Vitthal	
47	Shete Shreyash Pratap	
48	Thorat Samruddhi Kiran	
49	Gaikwad Saurabh Rajendra	
50	Baraskar Siddharath Dnyanshwar	
51	Dhumal Vishwajeet Appasaheb	
52	More Omkar Tukaram	
53	Unde Pratik Rohidas	
54	Sayyed Huzefa Tayyab	
55	Dhakane Vishal Dattu	
56	Kute Prashant Shankar	
Name of Staffs		
1	Prof. S. N. Daule	
2	Dr. M. P. Wagh	
3	Prof. N. M. Mulik	

Total students present for visit = 42

S.N. Daule

Kawale



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Visit Notice:



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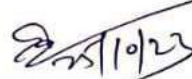
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Date: 25-10-2023

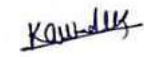
CIVIL ENGINEERING DEPARTMENT

NOTICE

All the students of B. E. Civil are hereby informed that technical visit of subject **Transportation Engineering, and Air Pollution and Control** is arranged on 27th October 2023. The purpose of visit is to understand the bitumen operation system. Purpose of second visit is to understand the concept of the sugar industry, due to the sugar industry, numerous gases are emitted from the sugar industry. To know the emission of effluent and various equipment installed to collect the suspended particulate Matter (SPM). During the visit you must follow all the rules and regulation strictly. During visit you must learn the concept of working of Sugar Industry, various parameters emitted from the industry. Note down all the technical terms and prepare the visit report. College uniform (Dress Code) is mandatory to all students.


Prof. S. N. Daule
Subject Teacher


Dr. M. P. Wagh
Subject Teacher


Dr. U.R. Kawade
HOD Civil




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Visit Schedule:



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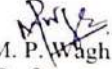
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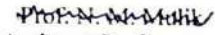
CIVIL ENGINEERING DEPARTMENT

SCHEDULE OF TECHNICAL VISIT OF B.E. CIVIL

Particular	Day/Date	Time Departure	Time Arrival	Remark
Ahmednagar to GHV, Bitumen plant, Mirajgaon	27-10-2023 Friday	7.30 am	11.00 am	Bitumen plant, Mirajgaon
Bitumen plant, Mirajgaon	27-10-2023 Friday	2.00 pm	3.00 pm	Ambalika Sugar Industry Plant at Rashin
Ambalika Sugar Industry Plant at Rashin	27-10-2023 Friday	7:00 pm	9:30 pm	Return to Ahmednagar


Prof. S. N. Daule
Assistant Professor
In Civil Engineering Deptt


Dr. M. P. Wagh
Professor
In Civil Engineering Deptt


Prof. N. M. Mulk
Assistant Professor
In Civil Engineering Deptt




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College of Engineering Ahmednagar



UNDERTAKING FOR TECHNICAL VISIT

Date: -27-10-2023

To,
The Principal,
Dr. V. Vikhe Patil
College of Engineering
Ahmednagar

Respected sir,

I, Sailee B. Landge, studying in the B.E. Civil, allow me to take part in the industrial visit to GHV, Bitumen Plant, Kokangaon, Taluka, Karjat, District Ahmednagar, and Ambalika Sugar factory, Rashin District Ahmednagar, arranged by the Civil Engineering Department on 27th October 2023. I assure you that I will maintain **dignity and discipline** during the industrial visit. I clearly understand that any mishaps that may affect me during the tour will not be the responsibility of the Department / College.

I shall undertake full responsibility of all the consequences should any other person or body suffer such accidents and/or personal injuries and/or damage to property as a result of my negligent act during the period of industrial tour. I further confirm that the college shall not be held responsible for my misconduct or wrongdoing at all times during the period of industrial tour and I shall obey the instructions of the faculty members who are accompanying during the industrial tour.

Thanking you,

Signature of the Parent

Parent / Guardian Contact No. 99210



Yours faithfully,

Signature of the students

Name Sailee Landge

Roll No 22



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College of Engineering Ahmednagar



UNDERTAKING FOR TECHNICAL VISIT

Date: -27-10-2023

To,
The Principal,
Dr. V. Vikhe Patil
College of Engineering
Ahmednagar

Respected sir,

I, Pranjal J. Dhande, studying in the B.E. Civil, allow me to take part in the industrial visit to GHV, Bitumen Plant, Kokangaon, Taluka, Karjat, District Ahmednagar, and Ambalika Sugar factory, Rashin District Ahmednagar, arranged by the Civil Engineering Department on 27th October 2023. I assure you that I will maintain **dignity and discipline** during the industrial visit. I clearly understand that any mishaps that may affect me during the tour will not be the responsibility of the Department / College.

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Thanking you,

Signature of the Parent

Parent / Guardian Contact No. 9922 665866



Yours faithfully,

Signature of the students

Name Pranjal Dhande

Roll No 10



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OTE College Code: EN-5161

UNDERTAKING FOR TECHNICAL VISIT

Date: -27-10-2023

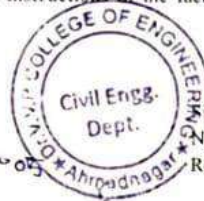
To,
The Principal,
Dr. V. Vikhe Patil
College of Engineering
Ahmednagar
Respected sir,

I, Kunal Raju Sabale, studying in the B.E. Civil, allow me to take part in the industrial visit to GHV, Bitumen Plant, Kokangaon, Taluka, Karjat, District Ahmednagar, and Ambalika Sugar factory, Rashin District Ahmednagar, arranged by the Civil Engineering Department on **27th October 2023**. I assure you that I will maintain **dignity and discipline** during the industrial visit. I clearly understand that any mishaps that may affect me during the tour will not be the responsibility of the Department / College.

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Thanking you,
Signature of the Parent

Parent / Guardian Contact No. 9226275005



K. Sabale
Yours faithfully,

Signature of the students

Name Kunal Raju Sabale
Roll No 33



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Dr. Vitthalrao Vikhe Patil College of Engineering Ahmednagar

OTE College Code: EN-5161

UNDERTAKING FOR TECHNICAL VISIT

Date: -27-10-2023

To,
The Principal,
Dr. V. Vikhe Patil
College of Engineering
Ahmednagar
Respected sir,

I, Vinay A. Dhongade, studying in the B.E. Civil, allow me to take part in the industrial visit to GHV, Bitumen Plant, Kokangaon, Taluka, Karjat, District Ahmednagar, and Ambalika Sugar factory, Rashin District Ahmednagar, arranged by the Civil Engineering Department on **27th October 2023**. I assure you that I will maintain **dignity and discipline** during the industrial visit. I clearly understand that any mishaps that may affect me during the tour will not be the responsibility of the Department / College.

I shall undertake full responsibility of all the consequences should any other person or body suffer such accidents and/or personal injuries and/or damage to property as a result of my negligent act during the period of industrial tour. I further confirm that the college shall not be held responsible for my misconduct or wrongdoing at all times during the period of industrial tour and I shall obey the instructions of the faculty members who are accompanying during the industrial tour.

Thanking you,
Signature of the Parent

Parent / Guardian Contact No. 9420748917



Yours faithfully,

Signature of the students

Name Vinay A. Dhongade
Roll No 32



Dr. V. Vikhe Patil
PRINCIPAL
Dr. Vitthalrao Vikhe Patil
College of Engineering
Ahmednagar

Concluding Visit Remarks:

Name of Site	: GHV(India) Pvt. Ltd. Hot Mix Plant.
Address	: Mandavgan Phata, Solapur Road, Ahmednagar.
Bitumen tank capacity	: 2000 tonnes per day
Mixing drum capacity	: 1000-1500 kg
Mixing temperature of bitumen	: 160°C to 180°C
Bitumen filming time with aggregates in rotating drum	: 3 to 5 minutes
Max. bitumen used with aggregates in %	: For seal coat =4.5%, bituminous macadam = 2.5% etc.
Bitumen using at the time of visit	: V.G.40 grade
Tests performed	1) Viscosity Test 2) Marshall Stability Test
Plant Visit guided by	: Er. Sharat Sinha (Plant Head) Er. Gupta (Testing Lab I/C)

Visit Sample Photographs:



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

Visit Sample Photographs:



Dr. Vitthalrao
 PRINCIPAL
 Dr. Vitthalrao Vikhe Patil
 College of Engineering



|| सत्यमेव जयते ||
Dr. Vitthalrao Vikhe Patil Foundation's
Dr. Vitthalrao Vikhe Patil
College of Engineering Ahmednagar
DEPARTMENT OF COMPUTER ENGINEERING



ACADEMIC YEAR: 2-23_24

PBL RECORD BATCH S1 AND S2

Course: PROJECT BASED LEARNING - II

Course Code: 210258

Class: SE Computer Engineering

Staff Name: Kale M. S.

SR NO	GROUP NAME	ROLL NO.	TOPIC NAME
1.	1.SNEHA BHAPKAR 2.RENUKA KARDILE 3.PAGIRE SIDDHI 4.WELZILE SHRAVANI	05 13 21 28	FAKE LOGO DETECTION
2.	1.AWARE AKSHADA 2.BERAD DIPTI 3.CHAVAN PRERANA 4.YEMUL SAKSHI	01 04 34 37	IMAGE STEGANOGRAPHY
3.	1.KHEDKAR SAKSHI 2.JAGTAP RUTUJA 3.BANKAR VAISHNAVI 4.MOTE RUTUJA	15 11 02 18	COLLEGE PLACEMENT SYSTEM
4.	1.SAKSHI NAGARE 2.AKSHADA ROHOKALE 3.ISHWARI ZAMBARE	19 24 38	PERSONALITY PREDICTION THROUGH CV ANALYSIS
5.	KHUSHI NIRMAL	20	ROBOTIC PROCESS AUTOMATION
6.	1.PRANAV IPPALPELLI 2.AKSHAY KAWADE 3.RUTVIK SHINDE 4.YASH KANDEKAR	10 14 25 12	WEATHER FORCASTING
7.	1.PRAVIN WADEKAR 2.DIPAK BAVISKAR 3.PRATHMESH PAWAR 4.SAMARTH LAHADE 5.ATHARVA MARKAD	30 29 23 16 17	WEBSITE EVENT MANAGEMENT SYSTEM
8.	1.SHITAL WABLE 2.DIVYA CHAVAN 3.ISHWARI DIVATE 4.VAISHNAVI WANI	26 35 08 31	AUTOMATIC PRONOUNCIATION MISTAKE DETECTOR
9.	1.DASPUTE DHEERAJ 2.BEKARSE ROHIT 3.DIKE HARSHAD 4.ZINE SHIVAJI	06 03 07 32	E-LEARNING WEBSITE

M. S. Kale
PBL CO-ORDINATOR

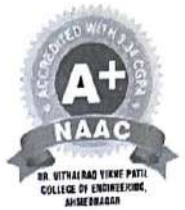
Principal
Principal
College of Engineering
Ahmednagar



M. S. Kale
HEAD OF DEPARTMENT
(COMPUTER ENGINEERING)
Dr. Vitthalrao Vikhe Patil College
of Engineering, Ahmednagar



Dr. Vithalrao Vikhe Patil Foundation's



Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar

INDUSTRIAL VISIT REPORT

VibrantMinds Technologies LTD

Organized by

Department of Computer Science
& Design Engineering

On

6th March, 2024



INDEX

- DETAILS OF JOURNEY
- COMPANY PROFILE
- OBSERVATION
- CONCLUSION

DETAILS OF JOURNEY

Dr. Vithalrao Vikhe Patil College of Engineering in Ahmednagar organized an educational visit to VibrantMinds Technologies LTD on 6th March, 2024. This visit, located in warje, Pune, was specifically designed for students studying Computer Science & Design Engineering.

The detailed planning and smooth execution of this visit were overseen by Prof. R.S.Tambe, the Head of the Computer Science & Design Engineering department. Alongside esteemed teaching faculty members, Prof. R. N. Devray, and non-teaching faculty member Kadu Sir, student coordinators Rutuja Dhorkule, Ashwini Lotke & Sai Naik also played integral roles, ensuring a well-rounded and enriching learning experience for all participants.

Embarking from the college campus promptly at 05:30 am via a privately chartered bus, the journey encompassed a total of 40 students, alongside three coordinator faculty members. This immersive excursion not only provided students with a firsthand glimpse into industrial operations but also fostered networking opportunities and enriched their understanding of contemporary technological advancements.

These efforts highlight the college's dedication to providing comprehensive education, ensuring that students acquire practical skills and industry knowledge crucial for their career advancement and achievements.

COMPANY PROFILE

VibrantMinds Technologies

VibrantMinds Technologies Private Limited operates as a talent management company. The Company focuses on campus hiring, college placement, career assessment, and pool campuses, as well as also conducts job fairs. VibrantMinds Technologies helps to build resume as per the industry needs. VibrantMinds Technologies serves customers in India.

Operator of a recruitment platform intended to help employers and candidates to connect with each other with a view to accomplish common goals and milestones. The company's recruitment services include campus hiring, placement, talent evaluation, resume building and assessment, enabling companies to recruit good candidates.

There is a good impact of VibrantMinds jobs for freshers because it provides an opportunity to work in a multinational company and get hands-on experience. VibrantMinds also offers a great training program, which helps freshers develop their skills and knowledge. Additionally, VibrantMinds offers a variety of career opportunities, which allows freshers to explore different roles and grow their careers.

OBSERVATION

This Industrial visit is very helpful in our future practical Life & bring a positive change in our thinking & practical behavior regarding Education & specializing our technical skills



CONCLUSION

In summary, the industrial visit organized by Dr. Vithalrao Vikhe Patil College of Engineering provided valuable hands-on experience to Information Technology Engineering students at VibrantMinds Technologies LTD. Led by Prof. R.S.Tambe and accompanied by teaching faculty Prof. Renuka Devray, along with non-teaching faculty Kadu Sir, the visit included 40 students and three coordinator faculty members. This practical exposure enhances students' understanding of real-world industry practices, bridging the gap between theory and application, and preparing them for future challenges in their careers.



R.N. Devray

Prof.R.N.Devray

Visit Co-Ordinator

R.S. Tambe

Prof. R.S.Tambe

Head of Department

HOD CSD

Dept. of Computer Science & Design

Dr. Vithalrao Vikhe Patil

College of Engineering, Ahmednagar

Dr. Vitthalrao Vikhe Patil College of Engineering Ahmednagar

DEPARTMENT OF COMPUTER SCIENCE & DESIGN

SUB-DSD MINI-PROJECT

YEAR - 2023-24

Gr no	Roll no	Names	Project Title
1	11	Ritesh Kiran Deore	Student Feedback System
	22	Siddharth Subhash Jadhav	
	8	Kalpesh Ravindra Chaudhari	
	16	Shivam Dadasaheb Gavhane	
2	33	Kotkar Omkar Thaksen	Student Data Management System
	39	Mhase Akshata Sopan	
	40	Naik Sai Umesh	
	41	Nikam Rushikesh Dattu	
	45	Raundal Shreya Narayan	
3	24	Kakade Shubhangi	Food delivery App
	23	Jadhav Vaishnavi	
	10	Amruta Dalvi	
	2	Samruddhi Athare	
	20	Prachi Ghugare	
4	53	Saba Shaikh	Garage Management System
	56	Shalini Shelke	
	59	Thombare Vivek	
	66	Shinde Adesh	
	63	Lande Aniruddha	
5	31	Karle Ruchira Ravindra	Agro-Culture Management System
	32	Khan Umama Iliyas	
	36	Lahor Purva Rajesh	
	38	Malve Tanvi Sanjay	
6	67	Narang Nishika Manish	Travel Management system
	68	Mahajan Bhavika Rajendra	
	64	Wakale Divya	
	65	Shelar Shreya Sunil	
7	26	Kalamkar Aditi Satish	Book Record Management System
	27	Kale Ganesh Kalyan	
	35	Lahade Soham Mohniraj	
	44	Rasal Om Ajay	

8	13	Gajare Suraj Bajirao	Blood Bank System
	19	Ghorpade Sanika Ajay	
	25	Kakade Aishwarya Dhananjay	
9	9	Chavan Rahul Sainath	Hostel Management System
	18	Gawali Shriram Jayprakash	
10	1	Tanuja Dattatry Adhav	Student Result Management System
	3	Shweta Avhad	
	4	Shubham Avhad	
	14	Aniket Gaikwad	
11	13	Rutuja Dhorkule	Gym Management System
	7	Rutuja Bodakhe	
	5	Bhakti Barshikar	
12	58	Manish Balkrishan Syal	Resort Management System
	52	Naeem Rajjak Sayyad	
	60	Tribhuwan Samadhan Balasaheb	
	69	Shreyas Dipak Tungar	
13	46	Om Raut	Hospital management system
	47	Yash Rike	
	48	Adesh Sangale	
14	55	Amol shejul	Courier service management system
	52	Shubham shidore	
	54	Arman shaikh	
	61	Sanket zende	
15	37	Ashwini Lotke	Student Enrollment System
	41	Monalika Sargar	
	06	Ashana Pathan	


Sub-Teacher


Head of Department
Dept. of Computer Science & Design
Dr. Vithalrao Vikhe Patil
College of Engineering, Ahmednagar

Department of Mechanical Engineering

Industrial Visit Report

At Unique Metal Treaters

22/11/2023

A batch of Second Year Third Semester DVVPCOE Ahmednagar. Department of Mechanical Engineering along with the one faculty.

We Visit the Unique Metal Treaters at Ahmednagar on 22 November 2023 At 3.00 PM.

In visit , we have seen the improve the hardness of the material, using the heat treatment process, & Teampearing Equipment, Material handling Equipment.

Aim of visit: -Observe the heat treatment equipment, Teampearing equipment & material handing equipment.

Details of visit :

Name of company: Unique Metal Treaters Pvt Ltd

Add : MIDC G51, MIDC, Ahmednagr, Nagapur, Maharashtra 414111

Name of faculty: Prof.D.K. Nannaware

Discription of the visit :

Process:

However, I can provide you with a general overview of the typical working process of metal treating companies. Metal treating involves various processes aimed at improving the properties of metal components. These processes can include heat treatment, surface treatment, and other specialized treatments based on the specific requirements of the metal.

1] Receiving and Inspection:

The process begins with the receipt of metal components. These components are inspected for any defects or inconsistencies.

2] Pre-treatment Cleaning:

Metal components often undergo a cleaning process to remove contaminants such as oil, grease, or scale before the actual treatment.

3] Heat Treatment:

Heat treatment is a common process that involves heating the metal to a specific temperature and then cooling it to alter its properties. This can enhance hardness, toughness, and other mechanical properties.

4] Surface Treatment:

Surface treatments like plating, coating, or case hardening may be applied to improve corrosion resistance, wear resistance, or aesthetic appeal.

5] Quality Control:

Quality checks are performed at various stages of the treatment process to ensure that the metal components meet the required specifications.

6] Post-Treatment Processing:

After the treatment process, some components may undergo additional processes such as tempering, stress relieving, or other treatments to achieve the desired properties.

7] Final Inspection and Packaging:

Once the treatment processes are completed, a final inspection is conducted to ensure that the components meet the specified standards. After approval, the treated components are packaged for delivery.

It's important to note that the specific processes and technologies used can vary between different metal treating facilities. To get detailed and accurate information about Unique Metal Treating in Ahmednagar, I recommend reaching out to the company directly or checking their official website for the latest information on their working processes, services, and capabilities.

Part: In general, metal treating companies may work with various metal components, including:

I. Machine Parts: Components used in machinery that may require heat treatment, surface treatment, or other specialized processes.



II. Automotive Parts: Components used in the automotive industry, such as gears, shafts, and springs, which may undergo treatments for improved strength or durability.

III. Aerospace Components: Parts used in the aerospace industry, where specific treatments are applied for enhanced performance and resistance to harsh conditions.

IV. Tooling and Dies: Components used in tooling and die manufacturing that may undergo heat treatment or other processes for increased hardness and wear resistance.

V. Fasteners: Bolts, screws, and other fasteners may undergo treatments to improve their mechanical properties.

VI. Bearings: Components used in bearings and other rotating machinery that may require treatments for improved wear resistance.

VII. Metallic Structures: Various metal structures may undergo treatments for corrosion resistance or other specific properties.

Application: In general, metal treating companies offer services that are crucial for various industries and applications. Here are some common applications of metal treating services:

I. Automotive Industry:

Heat treatment for engine components, gears, and other parts to improve strength and durability.

II. Aerospace Industry:

Surface treatment and heat treatment for aircraft components to enhance resistance to extreme conditions.

III. Tool and Die Manufacturing:

Heat treatment and surface treatment for tooling and dies to increase hardness and wear resistance.

IV. Manufacturing and Machining:



Treatment of various metal components used in manufacturing processes to improve their properties.

V. ***Oil and Gas Industry:***

Heat treatment and corrosion resistance treatments for components used in the exploration and production of oil and gas.

VI. ***Medical Devices:***

Surface treatments for medical implants and devices to ensure biocompatibility and corrosion resistance.

VII. ***Electronic Components:***

Surface treatments for electronic components to enhance conductivity and corrosion resistance.

VIII. ***Renewable Energy:***

Treatment of components used in renewable energy systems, such as wind turbines and solar panels.

IX. ***General Engineering:***

Various metal components used in diverse engineering applications may undergo treatments for specific properties.

Hardness: "Unique Metal Treaters." The hardness of metal treated by a company can depend on various factors, including the specific heat treatment processes, surface treatments, and the type of metals involved.

For accurate and up-to-date information on the hardness capabilities of Unique Metal Treaters, I recommend reaching out to the company directly. You can check their official website, contact them through email or phone, or refer to any provided documentation for details on the specific hardness levels they can achieve and the treatments they offer.

Typically, metal treating companies offer a range of services that may include heat treatment, surface hardening, case hardening, and other processes to modify the mechanical properties of metals. The desired hardness will often be specified by the client based on the intended application of the metal components.

If you have specific requirements or inquiries regarding the hardness of metals treated by Unique Metal Treaters, contacting the company directly will provide you with the most accurate and relevant information.





R.R. Navthar

Prof. (Dr) R. R. Navthar



V. Patil
 PRINCIPAL
 Dr. Vithalrao Vikhe Patil
 College of Engineering
 Ahmednagar

Notice of visit :

Ref.No. CEA/Mech/2023/ 3086

Date: 20/11/2023

To,
M/s. Unique Metal Treaters Pvt. Ltd
M.I.D.C.
Ahmednagar.

Sub:-Industrial visit of S.E. Mechanical Students

Dear Sir,

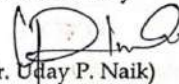
Dr. Vithalrao Vikhe Patil College of Engineering was established in 1983 and is approved by AICTE New Delhi, Govt. of Maharashtra and affiliated to University of Pune. The college provides Engineering under graduation course in Civil, Mechanical, Electrical, Electronics & Telecommunication, Information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

It is now requested that permission to be granted for 40 students of **SE Mechanical Engineering** accompanied with 01 staff members. The visit may be scheduled preferably on **22nd Nov.2023 at 03.00 Pm** 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



(Dr. Uday P. Naik)
Principal

ole Mech.
Engg
S.E.





Prof. (Dr) R. R. Navthar




PRINCIPAL
Dr. Vithalrao Vikhe Patil
College of Engineering
Ahmednagar

College later :


॥ न हि ज्ञानेन मर्त्योऽपि परित्यज्यते ॥
Dr. Vithalrao Vikhe Patil Foundation's
Dr. Vithalrao Vikhe Patil
College of Engineering Ahmednagar

Dr. Vithalrao Vikhe Patil Foundation's
Dr. Vithalrao Vikhe Patil
College of Engineering Ahmednagar


Department of Mechanical Engineering

Date-20/11/2023

Notice- SE Mechanical Visit

All the students of SE Mechanical are hereby informed that, the compulsory visit for Engineering Materials and Metallurgy title "Visit to Material Hardening plant" has been organized on 22th November, 2023 @ 3 pm
It is instructed that all the students should come in uniform, shoes, identity card & notebook.

Address: Unique Metal Treaters,
G-51, MIDC,
Ahmednagar


HoD
Dr. R.R. Navthar


Prof. (Dr) R. R. Navthar




PRINCIPAL
Dr. Vithalrao Vikhe Patil
College of Engineering
Ahmednagar

Attendance :

Ind. visit Attendance		Page No.
Unique metal treaters		Date 22/11/2023
Roll No.	Name	
1	Ashav Vaibhav Rajendra	<u>V.R.</u>
35	Phapale Apurv Vikas	<u>Phapale</u>
16	RUPAM JADHAV	<u>Rupam</u>
15	Abhishek Ganesh	<u>Abhishek</u>
31	Yash Mawya	<u>Yash</u>
11	Chavare Nikhil	<u>NA</u>
37	Shaikh Main	<u>Shaikh</u>
22	Kolekar Ajit	<u>Ajit</u>
42	Wagh Saurabh	<u>Wagh</u>
51	Wolkale Shubham	<u>Shubham</u>
23	Yuvraj Katkar	<u>Yuvraj</u>
08	Belhikar Rohit	<u>Belhikar</u>
56	AKASH Chhapare	<u>AKASH</u>
33	Shinde Gaurav	<u>Shinde</u>
64	Shinde Marshal	<u>Shinde H.B.</u>
68	Lokhande Abhijit	<u>Lokhande A.R.</u>
59	Kote Bhushan	<u>Kote</u>
12	Kale Dhiraj D	<u>Kale D.D.</u>
58	Ghorpade Tejas.	<u>Ghorpade</u>
63	Sayyad Adil	<u>Sayyad</u>
03	Andhale Nikhil Arjun	<u>Andhale</u>
32	Nannaware Vishal Geethinideth	<u>Nannaware</u>
29	Mhetre Vishal Sadashiv	<u>Mhetre</u>
27	Memane Sandesh	<u>Memane</u>
07	Barbade Rohit kailas	<u>Barbade</u>
65	Sonawane Prathamesh Sangram	<u>Sonawane</u>
66	Patiljari Niranjan Yashwant Zirpe	<u>Patiljari</u>
12	Pokale Shaikrishna Anna	<u>Pokale</u>
24	Kshirsagar Rushikesh Devidas	<u>Rushikesh</u>
12	Ashwini Shivnath Dhakane	<u>Ashwini</u>
18	Gayatri Suresh Kale	<u>G.Kale</u>
61	Satshi Balasahab Padwal	<u>Satshi</u>

3/Jan

Prof. (Dr) R. R. Navthar



Dr. Vithalrao Vitho Patil
PRINCIPAL
Dr. Vithalrao Vitho Patil
College of Engineering
Ahmednagar

Department of Mechanical Engineering

Industrial Visit Report

- ❖ **Aim of visit:** - To understand manufacturing, metal forming processes through demonstrations..
- ❖ **Class:** S.E. Mechanical
- ❖ **Subject code & name:** 202051 - Machine Shop

Details of visit:

- ❖ **Day & Date:** Tuesday, 30/04/2024
- ❖ **Name of company:** Harihar Industries,
- ❖ **Address:** G-118, Adwani Chowk, Saiban road, MIDC industrial Area, Ahmednagar - 414111 Maharashtra
- ❖ **Name of faculty:** Prof. R. E. Kalhapure
- ❖ **Descriptions of the visit:**
 - ❖ Understand the basic procedures, types of equipment, tooling used metal forming processes through demonstrations of manufacturing, metal forming processes like TIG/ MIG/ Resistance/Gas welding techniques, grinding and milling machine, produce gear by milling etc.
- ❖ **Photos of the visit:**





❖ College letter/ E-mail:

Permission for Industrial Visit on 30/04/2024



RAJENDRA KALHAPURE <kalhapure_mech@enggnagar.com>
to harihar.sachingumaste@gmail.com

Mon, Apr 29, 1:44 PM ☆ ↶ ⋮

Dear Sir,

As a part of Industry - Institute Interaction and to get acquainted with industrial working and study the advance design ,manufacturing , testing and inspection processes, we are interested to send our 215 nos. S.E. (MECHANICAL) students to visit your esteemed organisation on **30/04/2024 at 9.30 am.**

Two staff members will accompany them.

We request you to give us the permission for Industrial Visit.

Hoping for your early positive reply.

Thanking You.

Yours Sincerely,

Principal,

P. Dr. V. Vikhe Patil College of Engineering,

Vilad Ghat, Ahmednagar- 414111

Prof. Kalhapure R. E. (Mob. 9960601929)

Ind. Visit Coordinator,

Vilad Ghat, P.O.- M.I.D.C. Mech. Engg. Dept. Ahmednagar



HI SSG <harihar.sachingumaste@gmail.com>

to me

HELLO,

WELCOME SIR .

We are approving your request that you made on **30/04/2024 at 9.30 am**

for visiting our **industry**. We are pleased that you are interested in visiting our **industry**.

SHRISAI.

REGARDS,

GUMASTE SACHIN S.

9890965625

HARIHAR INDUSTRIES

6-118 M.I.D.C., SAIBAN ROAD,

ADWANI CHOWK AHMEDNAGAR-414111

CUSTOMER SATISFACTON IS OUR AMBITION

❖ **Notice of visit :**

Dr. V. V. P. College of Engineering, Ahmednagar
Mechanical Engineering Dept.

Class: **S.E. Mechanical Engineering** (2019 Course), Semester: **III**
Subject: **202051 Machine Shop (MS - TW),**
202050 Manufacturing Processes

Notice: Industrial / Practical Visit

Date: 29/04/2024

All the S. E. mech. students are hereby informed that an industrial visit for the **M.S.-TW** curriculum is arranged on Tuesday, 30/04/2024 at the industry, ***Harihar Industries, G-118, Achvani Chowk, MIDC industrial Area, Ahmednagar - 414111 Maharashtra.***

Students are advised to fill Visit Report during the visit and submit it for the **M.S. Workshop Termwork.**

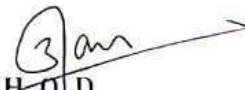
Following are the name of accompanying staff,

1. Prof. R. E. Kalhapure

Note:

1. Reporting time: - **At company location 9.20 a.m. strictly,**
2. Students without safety Shoes will not permit for this visit.


Prof. Kalhapure R. E.
Workshop Supdt.


H. O. D.
Mech. Engg. Dept.

Copy to,

- ✓ 1. The Principal (for kind information)
2. Notice board
3. All subject teacher

❖ Attendance :

Ind. visit Attendance		
Roll No.	Name	
1	Ashav Vaibhav Rajendra.	<u>V.R.</u>
35	Phapale Apurv Vikas	<u>Apurva</u>
16	RUPAM JADHAV	<u>Rupam</u>
15	Abhishek Ganesh	<u>Abhishek</u>
31	Yash Mawya	<u>Yash</u>
11	Chavane Nikhil	<u>Nikhil</u>
37	Shaikh Mohi	<u>NA</u>
22	Kolekar Ajit	<u>Ajit</u>
41	Wagh Saurabh	<u>Saurabh</u>
51	Wakale Shubham	<u>Shubham</u>
23	Yunraj Katkar	<u>Yunraj</u>
08	Belhakar Rohit	<u>Rohit</u>
56	Akash Chhapare	<u>Akash</u>
39	Shinde Gaurav	<u>Gaurav</u>
64	Shinde Marshal	<u>Shinde</u>
60	Lokhemde Abhijit	<u>Shinde H.B.</u>
59	Kote Bhushan	<u>Lokhemde A.</u>
12	Kale Dhiraj D	<u>Kote</u>
58	Ghorpade Tejas.	<u>Kale D.D.</u>
63	Sayyad Adil.	<u>Ghorpade</u>
03	Andhale Nikhil Arjun	<u>Sayyad</u>
32	Nannaware Vishal Greshinimeth	<u>Andhale</u>
29	Mhetre Vishal Sadashiv	<u>Mhetre</u>
27	Memane Sandesh	<u>Mhetre</u>
07	Barbade Rohit Kailas	<u>Barbade</u>
65	Sonawane Prathamesh Sangram	<u>Barbade</u>
36	Patil Niranjan Yashwant Zirpe	<u>Sonawane</u>
2	Pokale Shaikrushna Anil	<u>Patil</u>
4	Kshirsagar Rushikesh Devidas	<u>Pokale</u>
12	Ashwini Shivnath Bhakane	<u>Rushikesh</u>
18	Gayatri Suresh Kate	<u>Ashwini</u>
61	Satshi Balasakob Padwal	<u>G. Kate</u>
		<u>Satshi</u>



PRINCIPAL
Dr. Vithalrao Vikhe Patil
College of Engineering
Ahmednagar

Dr. R.R. Navthar
HOD
Mechanical Dept.

Department of Mechanical Engineering

Industrial Visit Report

Aim of visit: - To understand CNC manufacturing, metal forming processes through demonstrations.

- ❖ **Class:** T.E. Mechanical
- ❖ **Subject code & name:** 302046 – Digital Manufacturing Laboratory

Details of visit:

- ❖ **Day & Date:** Wednesday 01/11/2023
- ❖ **Name of company:** Jai Mata Di Engineering Works,
- ❖ **Address:** L-80 MIDC Area Ahmednagar, Maharashtra – 414111
- ❖ **Name of faculty:** Prof. R. E. Kalhapure
- ❖ **Descriptions of the visit:**
 - ❖ Understand the basic procedures, types of equipment, tooling used CNC metal forming processes through demonstrations of CNC manufacturing, CNC Programming etc.
- ❖ **Photos of the visit:**



❖ College letter/ E-mail:

Industrial visit of T. E. Mech. Students External Inbox x

RAJENDRA KALHAPURE <kalhasure_mech@enggnagar.com> Wed, Nov 1, 2023, 10:40 AM

Sir,

Dr. Vitthalrao 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 4 years engineering degree course in five disciplines i.e. Civil, Mechanical, Electrical, Electronics & Telecomm. and Information Technology, in which industrial visit is a part of syllabus as per University curriculum.

It is now requested that permission be granted for 30 students of T.E. mechanical engineering accompanied with 1 staff member on 01/11/2023. It is assured that there will be no disturbance in your work schedule due to the visit of our students.

Your cooperation in this matter will be highly appreciated.

Thanking you,

From,

Prof. Kalhapure Rajendra E. (mob. 9325692325)
Workshop Superintendent,
College Exam. Officer (C.E.O.) (SPPU),
Dr. Vitthalrao Vikhe Patil College of Engineering, Ahmednagar - 414 111

Sunil Makone <jaimatsdiengg365@gmail.com> Nov 1, 2023, 11:01 AM

to me

Permitted for the industrial visit

Thanks for the information. Thanks for the mail. Thanks a lot.

Reply Forward

❖ Notice of visit:

Dr. V. V. P. College of Engineering, Ahmednagar
Mechanical Engineering Dept.

Class: **T.E. Mechanical Engineering** (2019 Course), Semester: **V**
Subject: **302046 – Digital Manufacturing Laboratory (DML - TW)**
Practical No.: **3 & 4**

Notice: Industrial / Practical Visit

Date: 01/11/2023

All the T. E. mech. students are hereby informed that a industrial visit for the **DML - TW** curriculum is arranged on Wednesday **01/11/2023** at the industry, **Jai Mata Di Engineering Works**, L-80 MIDC Area Ahmednagar, Maharashtra - 414111.

Students are advised to fill Visit Report during the visit and submit it for the **DML Workshop Termwork**.

Following are the name of accompanying staff,

1. Prof. R. E. Kalhapure

Note:

1. Reporting time: - At company **2.30 p.m.** strictly,
2. Students without safety Shoes will not permit for this visit.

Prof. Kalhapure R. E.
Workshop Supdt.

H. O. D.
Mech. Engg. Dept.

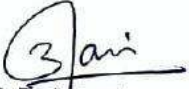
Copy to,
The Principal (for kind information)
Notice board

❖ Attendance:

Roll No.	Batch	Student Id	Name
1		PDVBE21441	BIJJA ADITYA RAJENDRA
2		PDVBE22225	BOBADE NIKITA KAILAS
3		PDVBE22233	CHAURASIA TUSHAR RAVIDRAKUMAR
4		PDVBE22474	CHUMBALKAR CHAITANYA DATTATRAYA
5		PDVBE22458	DAGWALE SHUBHAM HEMANT
6		PDVBE21126	DATE ADITYA SHRIDHAR
7		PDVBE22246	DESAI SANTOSH MACHHINDRA
8		PDVBE22224	DESHMUKH GAYATRI SHIVAJI
9		PDVBE21071	GARAD CHANDRAKANT BABAN
10		PDVBE22217	GUNJAL SAHIL DIPAK
11		PDVBE22245	JADHAV AISHWARYA HIRAMAN
12		PDVBE21359	JAGDALE ABHISHEK SUDAM
13		PDVBE22457	JAGTAP YASHVANT BALIRAM
14		PDVBE22437	JARE ANIKET ARJUN
15		PDVBE22282	KUSALKAR BHUSHAN GANESH
16		PDVBE21485	NIRBAN TANNMAY ASHISH
17		PDVBE21056	PAKHARE POOJA MAHADEV
18		PDVBE22239	PAWAR YASH RAJESH
19		PDVBE21177	PRABHUNE SHIMON KISOR
20		PDVBE22220	SAYYED AFTAB ABID
21		PDVBE22247	SHAIKH SAJID YASIN
22		PDVBE22236	SHENDE VRUSHABH BABASAHEB
23		PDVBE21050	SHINDE VAISHNAVI ASHOK
24		PDVBE22449	SUDRIK OMKAR KASHINATH
25		PDVBE22222	SURYAWANSHI SAHIL VIVEK
26		PDVBE22228	SONAWANE ANKITA KIRAN
27		PDVBE21255	FULARI ADITYA APPASAHEB
28		PDVBE21170	PRABHUNE YASH RAJESH
29		PDVBE21121	GIRHE SAGAR DEVIDAS
30		PDVBE21035	BAGADE KAWERI KUNDLIK




PRINCIPAL
 Dr. Vithalrao Vikhe Patil
 College of Engineering
 Ahmednagar


Dr. R. R. Navthar
HOD
 Mechanical Dept.

Report on Industrial Visit to Hydro Power Station Dimbhe Pune

Aim for Industrial Visit:

Industrial visit is considered as one of the tactical methods of teaching. The main reason behind this industrial visit was to let students know things practically through interaction, working methods and employment practices. Moreover, it gives exposure from academic point of view. Main aim of industrial visit is to provide an exposure to students about practical working environment. They also provide students a good opportunity to gain full awareness about industrial practices.

Details of Industrial Visit are as below:

Name: Hydro Power Station Dimbhe

Address:-Dimbhe, Ambegaon, Pune

Date of Visit: 20/10/2023

Contact Number:

Faculty Name: Prof P.A. Narwade, Prof D .B. Thange, Prof B.T. Tagad

CO3: VALIDATE impulse moment principle using flat, inclined and curved surfaces and INVESTIGATE performance characteristics of hydraulic turbines.

Description of the Visit:

An Industrial Visit to Hydro Power Station Dimbhe, Ambegaon Pune was organized for B.E.Mechanical Engineering students. Hydro Power Station are widely used for production of electricity. Hydro energy is Renewable source of energy. Students comes to know Basic Layout of Hydro Power Station, Parts of Hydro Power Station, Head, Penstock pipe size, type of turbine used, type of draft tube , Technical specification of all parts of Hydro Power Station & Working of Hydro Power Station which mainly consist.

The students of B.E. Mechanical and staff members have enjoyed the technical session at Pumping Station. The institute person appreciated our students after the technical session.

Students were well mannered and disciplined throughout the visit and no injury or anything unpleasant thing happened during industrial visit.



Ref. No. CEA/MECH/2023/ 27210

Date:-11/10/2023

To,
Superintendent Engineer
Hydro Power Station,
Pune Division

Sub: - Request to permit B.E. (Mech.) students to visit your Hydro Power Station

Dear Sir,

Dr. Vithalrao Vikhe Patil College of Engineering was established in 1983 & is approved by AICTE New Delhi, Govt. of Maharashtra & affiliated to Savitribai Phule Pune University. The college provides 4 years engineering degree course in seven discipline i.e. Civil, Mechanical, Electrical, I.T, Computer & CSD

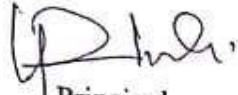
It is requested, to grant us permission to visit the Hydro Power Station for our B.E. (Mech.) students. Your kind permission will provide the students an opportunity to study the Hydro Power Station, and have better understanding of its operations.

The strength of class is of @30 students who will be accompanied by 3 staff members. We would like to have the visit on 18th/19th Oct. 2023, if you approve the same.

Your early confirmation in this connection is solicited.

Thanking you,

Yours faithfully,


Principal
College of Engineering,
Ahmednagar.

Received
gm
20/10/2023
सहाय्यक अभियंता
महानिर्मिती, डिप्टी ज. वि. केंद्र

16
30/11/10

MAHARASHTRA STATE POWER GENERATION CO. LTD.
Tele. no.: (O) 020 - 25637610
(P) 020 - 25632717
Email: segenpune@mahagenco.in
Web: <https://mahagenco.in>



Office of the Superintending Engineer
Renewable Energy Circle, "Prakash
Bhavan", Plot No. 106, 5th floor,
Senapati Bapat Road, Pune - 411 016.

Ref: SU/REC/PUNE/MON/Industrial Visit/ NO 1379 Date: 13 OCT 2023

To,
The Principal,
Dr. Vithalrao Vikhe Patil College of Engineering,
Ahmednagar, Pune 414111

E-mail: thange_mech@enggnagar.com

Sub: Grant of permission for industrial visit at Dimbhe Hydro Power Station
Ref: Your letter no. CEA/Mech/2023/2740 dtd 11.10.2023

Dear Sir/Madam,

With reference to above, this is to inform that the permission is hereby granted for Industrial visit to the Mechanical Engineering students of your college on below given dates.

Sr. No	No of the students + staff members	Name of the HPS	Date	Time
1	30 students + 3 staff	Dimbhe HPS	19 th Oct 2023	10:00 AM to 12:00 PM

Terms & conditions:

You may report to Mr. Sarode P., Addl. Executive Engineer, contact no. 9421880831 during the period of visit.

- Students shall abide by the rules & regulations of the company & observe discipline during visit.
- No entry without mask & social distancing should be followed by visitors. One batch will be of 30 students along with college representative. Precaution shall be taken so that normal working in the plant is not hampered.
- They shall make their own arrangement for residential accommodation, transportation, lodging boarding etc.
- They should contact our Security Officer well before commencement of visit and obtain suitable gate pass for entry at 10:00 am.
- At least one staff member must be present along with the students to take care of their safety & security within & outside the premises during visit.
- The visit is allowed as per your request only & it will not create any right or obligation on the company.
- Students should possess Identity Card of their college during the visit. No loose clothes allowed.
- They shall follow all safety rules and use own protective equipments like apron and safety shoes as per factory rules. (Shoes are compulsory)
- Mobile will not be allowed strictly.

- One day Industrial visit fee is Rs.118/- per student (including 18% GST) and shall be payable well before visit in the form of Demand Draft in favor of "Maharashtra State Power Generation Company Ltd., Payable at Pune", or through RTGS. The DD/ RTGS payment shall be remitted to this office well in advance before visit if fails, said permission stands cancelled. Above fee is not applicable for faculty members visiting the plant.

Following are the Company's bank details for RTGS payment mode.

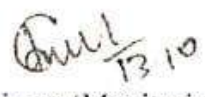
1. Account name: Maharashtra State Power Generating Company Ltd, Pune
2. Account no. 06910400000221
3. IFSC code: BARB0POOSEN (Fifth digit is zero)
4. Account type: Current account
5. Branch name: Bank of Baroda, Senapati Bapat Road, Pune
6. Transaction ID & GST no (If applicable) must be provided.

RTGS payment screenshot along with this permission letter shall invariably be mailed on following mail id's along with GSTIN of your institute (if available):

ee_monitoringpune@mahagenco.in & smgrfnapune@mahagenco.in &
ee_panshet@mahagenco.in & acc_dimbhe@mahagenco.in

Thanking you,

Yours faithfully,


Executive Engineer (Monitoring).
REC. Pune

Copy s. w. c. to:

Addl. Executive Engineer, Dimbhe HPS- For information and Please confirm whether payment is received. If not, visit should be cancelled.

Copy to:

Sr. Manager (F&A), REC. Pune



॥ न हि ज्ञानेन गच्छति पवित्रमिह विद्या ॥
Dr. Vitthalrao Vikhe Patil Foundation's

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



DTE College Code: LN-5161

Department of Mechanical Engineering

Notice- BE Mechanical Visit


17/10/23

All the students of BE Mechanical are hereby informed that, the compulsory visit for Turbomachinery title **"Visit to Hyrdoelectric Power Plant"** has been organized on **20th October, 2023**.

It is instructed that all the students should come in uniform, shoes, identity card & notebook.

Address: Dimbhe Hydroelectric Power Plant,
Ambegaon,
Pune.
410509.




HoD 18/10
Dr. R.R. Navthar



॥ न हि ज्ञानेन मर्त्योऽपि यत्तममिह विद्यते ॥
Dr. Vitthalrao Vikhe Patil Foundation's



Dr. Vithalrao Vikhe Patil
College of Engineering Ahmednagar

Dr. Vitthalrao Vikhe Patil Foundation
Utt. Engineering Centre: 114-5161

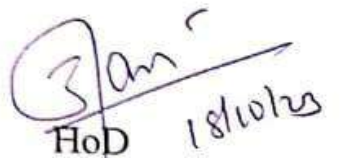
Department of Mechanical Engineering

Notice- Pickup Points

All the students of BE Mechanical are hereby informed that, the compulsory visit for Turbomachinery title **"Visit to Hyrdoelectric Power Plant"** has been organized on **20th October, 2023**. Pick up points for the same are as following;

Sr. No.	Location	Time
1.	Dr. Vikhe Patil College of Engineering Boys Hostel	5.00 am
2.	Dr. Vikhe Patil Foundation Main Gate	5.15 am
3.	Dairy Chowk Nagapur	5.20 am
4.	Sahyadri Chowk, MIDC, Nagapur	5.25 am
5.	Bolhegaon Phata	5.30 am
6.	Savedi Naka	5.35 am
7.	Premdan Chowk	5.40 am
8.	Delhigate	5.50 am
9.	Nepti Naka	5.55 am

It is instructed that all the students should come in uniform, shoes, identity card, aadhar card & visit report. All the students should strictly maintain the discipline.


HoD 18/10/23
Dr. R.R. Navthar



|| अ वि त्थल राव वि क्हे पातिल फाउंडेशन ||
Dr. Vitthalrao Vikhe Patil Foundation's



Dr. Vitthalrao Vikhe Patil College of Engineering Ahmednagar

DTE College Code: UH-5161

Department of Mechanical Engineering Undertaking for Industrial Visit

To,
The Principal,
Dr. Vitthalrao Vikhe Patil College of Engineering,
Ahmednagar-414111.

We the student of the Dr. Vitthalrao Vikhe Patil College of Engineering, Ahmednagar, studying in BE Mechanical Batch (2023-24), hereby undertake that while we are on academic study tours/site visits, we shall conduct ourselves in a disciplined manner and shall not behave in any way that will bring dishonor to us, our parents or our college. Especially we shall keep away from the commonly prevalent vices nowadays among the student community. If, we fail to abide this undertaking, we shall be liable to any disciplinary action that the tour in-charge or college authority may find fit. We are going for the academic study tours/site visits with our parents' consent on our own risk & we will not hold any one responsible for any mishap.

Sr. No.	Name of the Students	Mobile No.	Signature
1.	Dangar Atkay Radhakrishnan	9022055159	
2.	Aseri Shivan Nandkishore	952924657	
3.	Waghade Dipak Apparabeb	9422844245	
4.	Sonawane Premdas Jayprakash	9579499058	
5.	Lokhande Suyash Sanjay	8669241963	
6.	Pund Vithal Sanjay	7620246000	
7.	Waman mayur Dilip	9529127221	
8.	Tungar Sanvet Babasaheb	9240401903	
9.	Manche yash raresh	8485847660	
10.	Yemul Vinayak Mallayya	9373131043	
11.	Yengupatala sumit dhananjay	9130230798	
12.	Bhosale omkar Ashok	7385548346	
13.	Babal Gaurav Sanjay	9403229122	
14.	Ugalre Digvijay	922219328	
15.	Pawar Atash Babasaheb	7887373050	



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Dr. Vithalrao Vikhe Patil Foundation's

Dr. Vithalrao Vikhe Patil
College of Engineering Ahmednagar



Department of Mechanical Engineering

16.	mane Tejas Ranganath	9834854629	new
17.	mane chetan Janardhan	9370094125	new
18.	mane Nitesh Ramdas	7020386446	Nitesh
19.	Gouru Shankar Dahatonde	9922762288	new
20.	Kolcane sairaj Balasaheb	7051044537	new
21.	Dahatonde		
22.	darkunde Rushikesh	7447322888	new
23.	Gurgle Krishna Sambhaji	935944243F	Gurgle
24.	Zine Aniket K.	7820680006	new
25.	Mohite Vishal Kashinath	9021273941	Mohite
26.	Ganbir Prashant Sunil	878887219	new
27.	Salvi Ashish Avinash	7008219038	new
28.	Darkunde Rushikesh		
29.	Bade Shantnu R	7038108107	new
30.	Pawar Yogesh Kishor	7038428687	new
31.	Mohane Tarun Shivaji	7620660920	new
32.			
33.			
34.			
35.			



PRINCIPAL
Dr. Vithalrao Vikhe Patil
College of Engineering
Ahmednagar

Dr. R.R. Navthar
HOD
Mechanical Dept.

Department of Mechanical Engineering

Visit Report

Date: 19/10/2023

Name of the Subject	Heating Ventilation Air Conditioning & Refrigeration		
Class	BE Mechanical	Date	17/10/2023
Title	Visit to Cold Storage Plant		
Visit Site	Sahib Cold Storage		
Address	4MWV+WQ9, Renukanagar, MIDC, Ahmednagar, Maharashtra 414111.		

Summary:

The visit to Sahib Cold Storage in Ahmednagar provided valuable insights into the facility's use of the Vapour Compression Cycle (VCC), a critical technology employed to regulate the temperature and preserve agricultural produce, such as potatoes. The Vapour Compression Cycle is a widely used refrigeration process in cold storage units, and this visit shed light on its operational mechanics and efficiency.

Key Observations:

1. Vapour Compression Cycle Overview:

- At Sahib Cold Storage, the VCC system ensures that the potatoes and other perishable products are maintained at optimal temperatures for long-term storage.

2. Working Principle of VCC at Sahib Cold Storage:

- **Compression Stage:** The refrigerant gas (ammonia) is compressed in the compressor unit, which increases its pressure and temperature.
- **Condensation Stage:** The hot, high-pressure gas is passed through a condenser, where it cools down and turns into a liquid.
- **Expansion Stage:** The liquid refrigerant is then allowed to expand rapidly through a valve, causing it to cool down and vaporize.

- **Evaporation Stage:** The low-pressure, cold refrigerant gas is passed through the evaporator coils inside the cold storage rooms, absorbing heat from the stored produce, which lowers the temperature of the space.
- This cycle repeats, maintaining a stable and controlled environment inside the storage rooms.

3. Efficiency and Performance:

- The use of the Vapour Compression Cycle at Sahib Cold Storage ensures energy-efficient cooling, crucial for reducing operational costs.
- The system is designed to operate continuously with minimal maintenance, providing reliable performance for large-scale storage needs.

4. Temperature Control and Preservation:

- The VCC system allows precise control over the storage temperature, ensuring that potatoes are kept at the ideal conditions to prevent spoilage, sprouting, and dehydration.
- The ability to adjust the cooling load depending on external weather conditions helps the storage facility maintain consistency in product quality, particularly during seasonal changes.

5. Environmental and Sustainability Aspects:

- Sahib Cold Storage has integrated energy-saving technologies within the Vapour Compression Cycle, such as heat recovery systems, which help reduce energy consumption and improve overall system efficiency.
- The refrigeration system is also designed to minimize refrigerant leakage, thereby reducing the environmental impact and ensuring compliance with sustainability standards.

6. Maintenance and Monitoring:

- The facility employs real-time monitoring of the VCC system to ensure that temperatures and pressures remain within specified limits. Regular maintenance checks and diagnostics help identify any potential issues before they impact the cold storage operation.

Conclusion:

The visit to Sahib Cold Storage offered a comprehensive understanding of how the Vapour Compression Cycle is utilized for efficient refrigeration and the preservation of agricultural produce. The system not only plays a key role in maintaining the quality of stored potatoes but also showcases modern, energy-efficient cooling techniques that support sustainability. The use of VCC technology helps Sahib Cold Storage maintain optimal conditions for long-term storage, reducing spoilage and waste while ensuring reliable product delivery.

Documents:

Ref No. CEA/SS/23/2614 Date: 29/09/2023

To,
The General Manager,
Sahib Cold Storage
Plot No A/65/1 Industrial Area,
Nimblak Road, MIDC,
Ahmednagar, Maharashtra 414111

Sub: - Request to permit B.E. (Mech.) students to visit your Cold Storage

Dear Sir,

We remain highly obliged to you for your permission to visit your Cold Storage by our Mechanical engineering students last year.


This is to request you again to grant permission to visit the Cold Storage, by B.E. (Mech.) students of this year also. Your kind permission will provide the students an opportunity to study the Cold Storage, and have a better understanding of its operations.

The strength of class is of @60 students who will be accompanied by 2 staff members. We would like to have the visit in the 2nd week of October 2023, if you approve the same.

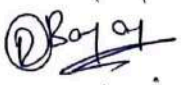
Your early confirmation in this connection is solicited.

Thanking you,

Yours faithfully,


Principal
College of Engineering,
Ahmednagar.

o/c
3/ans

Rec.  16/10/23
or
17/10/23

Department of Mechanical Engineering

Notice- BE Mechanical Visit

All the students of BE Mechanical are hereby informed that, the compulsory visit for Heating, Ventilation, Refrigeration & Air Conditioning title “Visit to Sahib Cold Storage” has been organized on **17th October, 2023**.

It is instructed that all the students should come in uniform, shoes, identity card & notebook.

Address: Sahib Cold Storage

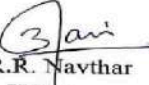
4MWV+WQ9, Renukanagar,

MIDC, Ahmednagar,

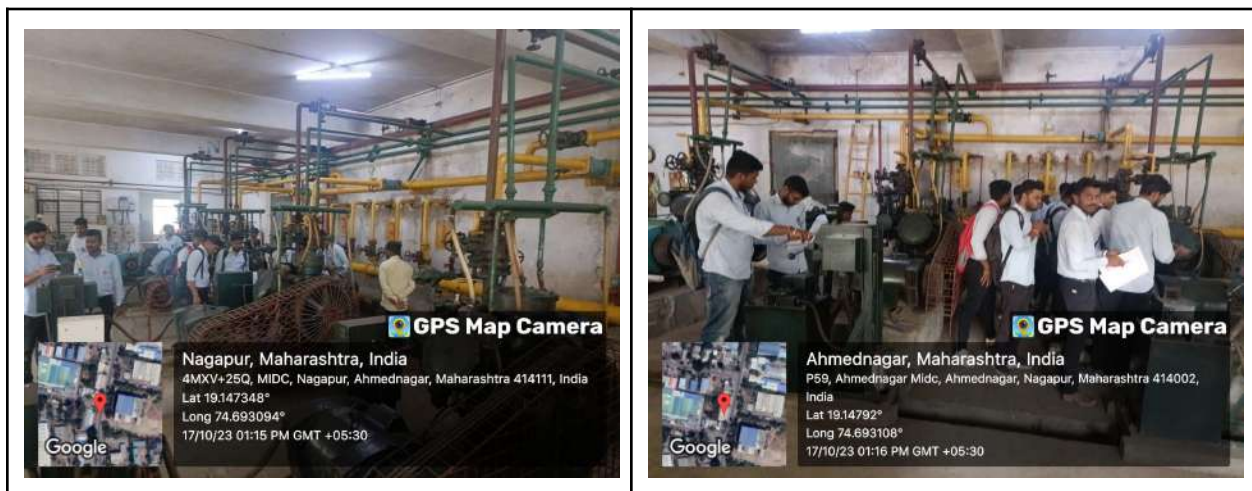
Maharashtra 414111

Time: 12.30pm(Sharp).




Dr. R.R. Navthar
HOD
Mechanical Dept.

Photograph/Screenshots of event:





Attendance:

॥ न हि ज्ञानेन मर्त्यं पवित्रमिह विद्यते ॥
Dr. Vithalrao Vikhe Patil Foundation's
Dr. Vithalrao Vikhe Patil
College of Engineering Ahmednagar
DTE College Code: EN-5161
Department of Mechanical Engineering

Visit Attendance
Subject: Heating, Ventilation, Refrigeration & Air Conditioning
Topic: Visit to Cold Storage.
Date: 17/10/2023

Sr. No.	Name of the Students	Sign
1	Madane Tanmay Shivaji	Tanmay
2	Bade Shankar Rajinder	Bade
3	Mohite Vishal Kashinath	Vishal
4	Burke Gaurav Sanjay	Burke
5	Lashande Suresh Santay	Lashande
6	Pund. Vishal Santay	Pund.
7	Yagupatla Sumit Dhananjay	Sumit
8	Aseri Shivam Nandkishor	Aseri
9	Gugale Krishna Sambhaji	Gugale
10	Bhosale Omkar Ashok	Bhosale
11	Pawar Akash Babasaheb	Pawar
12	Urale Dhruv Balasaheb	Urale
13	Gaurav Shankar Dattatraya	Gaurav
14	Sainay Babasaheb Potane	Sainay
15	Zine Aniket Keshav	Zine
16	Pawar Yogesh Kishor	Pawar
17	Sonawane Premdar Jayprakash	Sonawane
18	Gutar Prathmesh	Gutar
19	Dangat Akash Akshay	Dangat
20	Manch Yash	Manch
	Dipak Waghade	Dipak

③ aggar
Prof. B.T. Tagad.
Subject Teacher



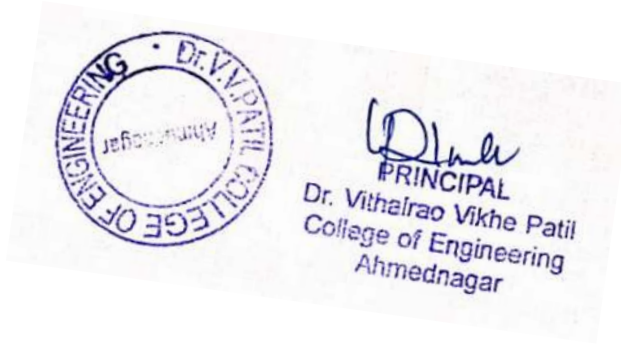
॥ न हि ज्ञानेन सदृशं पवित्रमिह विद्यते ॥
Dr. Vitthalrao Vikhe Patil Foundation's

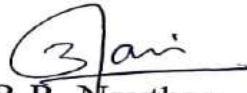
Dr. Vitthalrao Vikhe Patil
College of Engineering Ahmednagar



Organized by:

Name of the Incharge Faculty	Prof. B.T Tagad
-------------------------------------	------------------------




Dr. R.R. Navthar
HOD
Mechanical Dept.

Department of Mechanical Engineering

Visit Report

Date: 19/10/2023

Name of the Subject	Heating Ventilation Air Conditioning & Refrigeration		
Class	BE Mechanical	Date	14/10/2023
Title	Visit to the Air Conditioning Plant.		
Visit Site	Kohinoor Cloth Store		
Address	MG Road, Kapad Bazar Ahmednagar, Ahmednagar - 414001		

Summary:

The visit to Kohinoor Cloth Store in Ahmednagar focused on understanding the store's central air conditioning system, which plays a vital role in maintaining a comfortable shopping environment for customers while protecting delicate fabrics from temperature fluctuations. The store uses an advanced air conditioning system to ensure optimal temperature and humidity control throughout the year.

Key Observations:

1. Overview of the Central Air Conditioning System:

- Kohinoor Cloth Store is equipped with a **central air conditioning (CAC) system**, designed to provide uniform cooling throughout the store. The system uses a central cooling unit, which then distributes cool air via ducts to different areas of the store.
- The air conditioning system is essential for maintaining a controlled climate in the store, which is especially important for preserving the quality of fabrics and ensuring a pleasant shopping experience for customers.

2. Working Mechanism:

- The central AC system works by circulating chilled air throughout the store via a network of ducts and vents. The system consists of a **compressor, condenser, evaporator coils, and air handlers**.

- The air is cooled at a central location (a chiller unit) and distributed to various parts of the store using fans and ductwork. The system can be adjusted to different temperature settings based on the time of day and customer flow.

3. Importance of Temperature Control:

- For a cloth store, maintaining consistent temperature and humidity levels is crucial to preserving the quality of the fabrics. High humidity can cause fabrics to absorb moisture, leading to mold or mildew growth, while temperature fluctuations can damage delicate materials.
- The central air conditioning system helps in maintaining a stable temperature (typically between 20-24°C) and optimal humidity levels (40-60%), ensuring that the clothes remain in pristine condition for a longer period.

4. Energy Efficiency:

- Kohinoor Cloth Store uses energy-efficient air conditioning units to minimize electricity consumption while maintaining an optimal store environment. The system is designed to balance cooling needs with energy usage, reducing the overall environmental impact.
- Features such as **programmable thermostats**, **variable speed fans**, and **zoning systems** allow for precise control over temperature in different sections of the store, preventing over-cooling in less frequented areas.

5. Air Quality and Ventilation:

- The central air conditioning system at Kohinoor Cloth Store also includes air filtration mechanisms to ensure that the air inside the store is clean and free from dust, allergens, and other pollutants. This is important not only for customer comfort but also to protect the textiles from exposure to particulate matter, which could degrade their quality.
- Regular maintenance of filters and the ventilation system ensures that the air inside the store remains fresh and healthy for both customers and staff.

6. Cost and Maintenance:

- The store has a regular maintenance schedule for the central air conditioning system, which includes cleaning filters, inspecting ducts, and checking refrigerant

levels. This helps in keeping the system running efficiently and extends its lifespan.

- While the initial installation cost of a central AC system can be high, the long-term savings in terms of energy efficiency and better climate control make it a worthwhile investment for the store.

Conclusion:

The visit to Kohinoor Cloth Store highlighted the importance of a well-maintained central air conditioning system in ensuring both customer comfort and the preservation of textile products. The system provides consistent temperature control, humidity regulation, and air quality management, which are essential for maintaining a pleasant shopping environment and protecting the store's inventory. The energy-efficient design and regular maintenance practices further contribute to the sustainability and operational cost savings of the store.

Documents:

Ref No. CA/58/03/2615 Date: -29/09/2023

To,
The General Manager,
Kohinoor Cloth Stores,
M.G. Gandhi Road,
Ahmednagar

Sub: - Request to permit B.E (Mech.) students to visit your Central Air Conditioning System.

Dear Sir,

We remain highly obliged to you for your permission to visit your Central Air Conditioning System, last year.

This is to request you again to grant permission to visit the Central Air Conditioning System, by B.E (Mech.) students of this year also. Your kind permission will provide the students an opportunity to study the Central Air Conditioning System, and have a better understanding of its operations.

The strength of class is of @60 students who will be accompanied by 2 staff members. We would like to have the visit in the 2nd week of October 2023, if you approve the same.


Your early confirmation in this connection is solicited.

Thanking you,

Kohinoor Cloth Store's LLP

14/10/23
morning 9:30 AM

ok
3/10/23

Yours faithfully,

Principal
College of Engineering,
Ahmednagar.

5

Department of Mechanical Engineering


Notice- BE Mechanical Visit

All the students of BE Mechanical are hereby informed that, the compulsory visit for Heating, Ventilation, Refrigeration & Air Conditioning title "**Visit to Plant with Central Air Conditioning**" has been organized on **14th October, 2023**.

It is instructed that all the students should come in uniform, shoes, identity card & notebook.

Address: Kohinoor Cloths
Kapad Bazaar,
Ahmednagar.
414003.

Time: 9.30 am (Sharp).


HOD 11/10/23
Dr. R.R. Navthar

Notice Board

Photograph/Screenshots of event:





Attendance:

॥ न हि ज्ञानेन मृत्योः पवित्रमिह विद्यते ॥
Dr. Vitthalrao Vikhe Patil Foundation's
Dr. Vitthalrao Vikhe Patil
College of Engineering Ahmednagar
DTE College Code: EN-5161

Department of Mechanical Engineering

Subject: HVACR Central AC Visit BE 2023-24

Roll No	Name of the Student	Sign
1	Asari shivam m.	shih
2	Bade shankar Ravindra	Bade
3	Bakal Gautam Sanjay	GB
4	Bakal narendra Rajendra	Bakal
5	Dangat Akshay Radhakrishnan	Dangat
6		
7		
8	Gawade Prajita Mohan	Gawade
9	Gugale Krishna Sambhaji	Gugale
10	Pratik Jambale	Pratik
11	Khan Anb Moruf	Khan
12	Madane Tanmay Shivaji	Madane
13	Mohite Vishal Kashinath	Mohite
14		
15		
16	Shinde Aditya Ravindra	Shinde
17		
18		
19	Shinde Abhishek Sunil	Shinde
20	Sonawane Premdas Jayprakash	Sonawane
21	Tungar Sanjay B.	Tungar

③ Tagad
Prof. B.T. Tagad

Department of Mechanical Engineering

Subject: HVACR

Central AC Visit

BE 2023-24

Roll No	Name of the Student	Sign
22	Ugale Digvijay Babasaheb.	Ugale D.B.
23		
24	Vorode Prathmesh Prabhakar	Prathmesh
25	Waghade Dipak Appasaheb	Waghade D.A.
26	Waman mayur Dilip	Waman
27	Yemur Vinayak Manayya	Yemur
28	Yengurkotala Sumit Dhananjay	Sumit
29	Zine Aniket Keshav	Aniket
30	Lokhande seetash sanjay	Seetash
31	Thite Omkar Baliram	Thite
32	Bhosale Omkar Ashok	Bhosale
33	Dahatonde Gaurav Shankar	Gaurav
34	Kokane Gaurav Prakash	Kokane
35	Mule Ganesha Babasaheb	Mule
36		
37	Prathmesh P. Gutar	Gutar
38	Manche Yash Rajesh	Manche
39	Pand Kishor	Kishor
40		

③ Tagad

Prof. B.T. Tagad

Organized by:

Name of the Incharge Faculty	Prof. B.T Tagad
-------------------------------------	------------------------



HOD

Dr. R.R. Navthar
Mechanical Engineering

D.V.V.P. College of Engineering Ahmednagar**Mechanical Engineering Dept.****Details of Project Work (B.E Mech.) Academic Year 2023-24**

Group No	Roll No	Name of Student	Title of Project	Sponsored/ Non sponsored	Guide allotment by HOD
G1	2	Bade Shantanu Ravindra	Development of magnetic suspension	Non sponsored	Prof. P.A. Narawde
	11	Khan Arib Maruf			
	12	Madane Tanmay Shivaji			
	13	Mohite Vishal Kashinath			
G2	3	Bakal Gaurav Sanjay	Automatic Breaking System	Non sponsored	Prof. B.T. Tagad
	5	Dangat Akshay Radhakisan			
	20	Sonawane Premdas K			
		Pund Vishal S.			
G3	27	Yemul Vinayak Mallayya	Modelling & Simulation of Li-ion Battery pack under thermal runaway conditions	Sponsored	Prof. D.K. Nanaware
	4	Bakal Narendra Rajendra			
	22	Ugale Digvijay Balasaheb			
	32	Bhosale Omkar A			
G4	33	Dahatonde Gaurav S	IOT based Smart irrigation system	Non sponsored	Prof. A.D. Kachare
	8	Gaware Prajita Mohan			
	25	Waghade Dipak Appasaheb			
	30	Lokhande Suyash			
G6	34	Kokane Sairaj	Design & Development of parallel & angular offset coupling	Non sponsored	Prof. A.S. Aher
	1	Aseri Shivam Nandkishor			
	26	Waman Mayur Dilip			
	28	Yengupatala Sumit			
G7		Mache Yash R.	Design & Development smart solar grass cutter	Non sponsored	Prof. M.M. Bidve
	21	Tungar Sanket Babasaheb			
	24	Varade Prathamesh P			
	9	Gugale Krishna Sambhaji			
G8	16	Shinde Aditya Ravindra	Structural analysis of layered composite	Non Sponsored	Prof. K.M. Markad
	10	Jawale Pratik Shrikant			
		Mane Omkar Pravin			
	23	Updhye Prajwal Pravin			
G9		Sutar Prathmesh	Analysis of optimization process parameter by using CNC Machine	Non sponsored	Prof. D.B. Thange
	35	Ganesh Mule			
		Shinde Abhishek Sunil			
		Thite Omkar Baliram			
		Aniket Zine			
		Patore Manisha			

No. of Sponsored Project = 1

No. of Non Sponsored Project = 8

**PROJECT COORDINATOR**
PRINCIPAL
Dr. Vithalrao Vikhe Patil
College of Engineering
Ahmednagar**Prof. (Dr.) R. R. Navthar
(H.O.D.)**

D.V.V.P. College of Engineering Ahmednagar**Mechanical Engineering Dept.****Details of Project Work (B.E Mech.) Academic Year 2023-24**

Group No	Roll No	Name of Student	Title of Project	Sponsored/ Non sponsored	Guide allotment by HOD
G1	2	Bade Shantanu Ravindra	Development of magnetic suspension	Non sponsored	Prof. P.A. Narawde
	11	Khan Arib Maruf			
	12	Madane Tanmay Shivaji			
	13	Mohite Vishal Kashinath			
G2	3	Bakal Gaurav Sanjay	Automatic Breaking System	Non sponsored	Prof. B.T. Tagad
	5	Dangat Akshay Radhakisan			
	20	Sonawane Premdas K			
		Pund Vishal S.			
G3	27	Yemul Vinayak Mallayya	Modelling & Simulation of Li-ion Battery pack under thermal runaway conditions	Sponsored	Prof. D.K. Nanaware
	4	Bakal Narendra Rajendra			
	22	Ugale Digvijay Balasaheb			
	32	Bhosale Omkar A			
G4	33	Dahatonde Gaurav S	IOT based Smart irrigation system	Non sponsored	Prof. A.D. Kachare
	8	Gaware Prajita Mohan			
	25	Waghade Dipak Appasaheb			
	30	Lokhande Suyash			
G6	34	Kokane Sairaj	Design & Development of parallel & angular offset coupling	Non sponsored	Prof. A.S. Aher
	1	Aseri Shivam Nandkishor			
	26	Waman Mayur Dilip			
	28	Yengupatala Sumit			
G7		Mache Yash R.	Design & Development smart solar grass cutter	Non sponsored	Prof. M.M. Bidve
	21	Tungar Sanket Babasaheb			
	24	Varade Prathamesh P			
	9	Gugale Krishna Sambhaji			
G8	16	Shinde Aditya Ravindra	Structural analysis of layered composite	Non Sponsored	Prof. K.M. Markad
	10	Jawale Pratik Shrikant			
		Mane Omkar Pravin			
	23	Updhye Prajwal Pravin			
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		Shinde Abhishek Sunil			
		Thite Omkar Baliram			
		Aniket Zine			
		Patore Manisha			

No. of Sponsored Project = 1

No. of Non Sponsored Project = 8

**PROJECT COORDINATOR**
PRINCIPAL
Dr. Vithalrao Vikhe Patil
College of Engineering
Ahmednagar**Prof. (Dr.) R. R. Navthar
(H.O.D.)**

Dr. Vitahlrao Vikhe Patil College of Engineering

Department of Mechanical Engineering

Guide Allotment for Project Stage-I in 2023-24

Sr. No.	Name of Student	Contact No.	Title of Project	Sponsored/ Non sponsored	Category	Guide allotted by HOD
1	Sonali N. Avhad	7021570941	Structural Analysis of Layered and Sandwich Composite	Non sponsored	Safety	Dr. K.M.Markad



Dr.P.A.Narwade

(M.E. Coordinator)



Dr.R.R.Navthar

(Head of Department)




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College of Engineering
Ahmednagar

Dr. Vitahlrao Vikhe Patil College of Engineering


Department of Mechanical Engineering

Guide Allotment for Project Stage-II in 2023-24

Sr. No.	Name of Student	Contact No.	Title of Project	Sponsored/ Non sponsored	Category	Guide allotted by HOD
1	Doshi Sahil SanjeevKumar	7758070261	Design and Analysis of Flexure Bearing	Non sponsored	Safety	A.V.Suryavanshi
2	Chavan Nishant Goraksha	7875042707	Vibration Analysis of Wheel Rim	Non sponsored	Environmental	Dr.R.R. Navthar


Dr.P.A.Narwade

(M.E. Coordinator)


Dr. R.R. Navthar
HOD
Mechanical Dept.




PRINCIPAL
Dr. Vitahlrao Vikhe Patil
College of Engineering
Ahmednagar

DEPARTMENT OF CIVIL ENGINEERING
LIST OF BE CIVIL STUDENTS & PROJECT GUIDES A.Y. 2023-24

Project Group No.	Roll No.	Name of Student	Title of Project	Area of Project	Name of Project Guide
1	19	Kalam Siddhant Arjun	Groundwater contamination assessment- Case study Akolner, Ahmednagar	Environmental Engineering	Dr. M. P. Wagh
	29	Patara Aditya Rajendra			
	17	Jaware Siddesh Eknath			
	18	Kakade Tejas Tukaram			
2	34	Sase Jaydip Nanabhau	Design of drainage system for Kapurwadi Village	Water Resource Engineering	Prof. P. K. Bhandari
	39	Todmal gaurav chandrakant			
	16	Jadhav Raviraj Mahadev			
	36	Sayyed Aman Arif			
3	37	Shaikh Ayesha Hanif	Enhancing construction management of project using BIM(Revit) and scheduling with MSP	Project Management	Prof. A. A. Sengupta
	3	Bhagwat Samruddhi Jeevan			
	15	Hasnale Shraddha Raghunath			
4	2	Bhagat Pramod Mahadev	Effect of plastic waste replacing partially with natural sand on properties of geopolymer concrete	Concrete Technology	Prof. S. N. Daule
	14	Gore Yuvraj Shivaji			
	43	Zanje Revan Dnyaneshwar			
	44	Zine Ankush Ramdas			
5	7	Deshmukh Devyani Arun	Partial replacement of portable water with spent wash to enhance strength of concrete	Concrete Technology	Dr. M. P. Wagh
	13	Gagare Aditi Ravindra			
	30	Patekar Nikita Shivaji			
	38	Shelke Priti Sanjaykumar			
6	5	Dafal Rohan Sanjay	Comparative Analysis of NDT & DT for M20,M25 and M30 graded concrete	Concrete Technology	Prof. P. B. Autade
	6	Dalvi Abhishek Raju			
	21	Kale Nitin Dattu			
	35	Sase Shivam Parasram			
7	8	Deshmukh Aditya Anantrao	Effect on properties of concrete by replacing natural sand partially with plastic waste	Concrete Technology	Prof. S. N. Daule
	32	Pawarpatil Pratik Balasaheb			
	23	Lashkare Niranjan Shashikant			
	4	Chavan vishal Bhagwan			
8	42	Wagh Gaurav Devidas	Experimental study of strength and durability properties by replacement of nano materials	Concrete Technology	Dr. A. J. Shirke
	41	Varpe Abhishek Sanjay			
	20	Kale Omkar Vitthal			
	46	Shelke Tushar Vitthal			
9	27	Mudalkar Aishwarya Popat	Study of defects of Bituminous Roads	Transportation Engineering	Prof. N. M. Mulik
	11	Dhawade Rohit babasaheb			
	40	Vairal Komal Sanjay			
	52	More Omkar Tukaram			
10	1	Baraskar Harshada Sanjay	Case study of developing sustainable and smart city by studying the various problems	Town Planning	Dr. U. R. Kawade
	9	Dhakane Vaishnavi Mahadeo			
	48	Thorat Samruddhi Kiran			



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DEPARTMENT OF CIVIL ENGINEERING
LIST OF BE CIVIL STUDENTS & PROJECT GUIDES A.Y. 2023-24

Project Group No.	Roll No.	Name of Student	Title of Project	Area of Project	Name of Project Guide
11	10	Dhande Snehal Haridas	Analysis and design of pre-engineered building using Staad-Pro-V8i	Structural Engineering	Prof. P. V Nimbalkar
	22	Landge Sailee Baban			
	24	Lawande Shubham Bhausaheb			
	25	Malve Shubham Dattu			
12	12	Dhongade Vinay Arvind	Design of car service station (Case study with practical implementation)	Structural Engineering	Prof. A. A. Sengupta
	28	Munot Akshay Vijay			
	45	Jagtap Avdhoot Chandrashekhar			
	26	Mhaismale Ruchita Dnyaneshwar			
13	51	Dhumal Vishwajeet Appasaheb	Enhancing the properties of concrete by partial replacement of cement with GGBS and Fly Ash	Concrete Technology	Prof. S. N. Daule
	31	Pawar Rohit Suresh			
	53	Unde Pratik Rohidas			
	50	Baraskar Siddharath Dnyaneshwar			

S.N. Daule
10/06/24
Project Co-Ordinator

P. N. W. 10/06/24
Project Selection Committee Members

Kaundale
H.O.D.-Civil

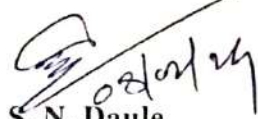



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Principal
College of Engineering
Ahmednagar

Dr. Vitthalrao Vikhe Patil
College of Engineering Ahmednagar
Department of Civil Engineering
ME-I CIVIL (Structural Engineering)
A.Y. 2023-24


List of Seminar-I Students and Guides

Sr. No.	Name of Student	Name of Guide
01	DAREKAR KALYANI KESHAV	Dr. U. R. Kawade
02	NAVGIRE PRATIBHA VIJAY	
03	HARISHCHANDRE DHANASHREE LAKSHMAN	
04	WABLE HARSHAL SHIVAJI	Prof. S. N. Daule
05	JADHAV KAMLESH DEVIDAS	
06	MHASKE SANKET APPASAHEB	Prof. P. B. Autade
07	PATEL NAYAB GULAB	
08	GUND DHANANJAY GOPINATH	Dr. M. P. Wagh
09	SARJE DEEPAK VASANT	
10	PANDHARPOTE YOGESH VINOD	Prof. A. A. Sengupta
11	NIMASE MAYUR ASHOK	
12	SAWANT VAISHNAVI RAVINDRA	Prof. A. U. Bhalerao
13	SHAIKH RAZINFATEMA AZIM	
14	SHIVSHARAN PURVA SANJAY	Prof. P. V. Nimbalkar
15	WARULE SARIKA SAKHARAM	
16	NAGARGOJE VAISHALI VITTHALRAO	Prof. P. K. Bhandari
17	THANGE OMKAR SHANKAR	


S. N. Daule
ME Co-ordinator


Dr. U. R. Kawade
HOD-Civil




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OTE College Code: EN-5161

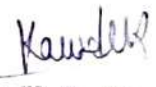
Dr. Vitthalrao Vikhe Patil
College of Engineering Ahmednagar
Department of Civil Engineering
ME-II CIVIL (Structural Engineering)
A.Y. 2023-24


List of Students and Guides for Seminar-II, III and Project Stage-1&2

Sr. No.	Name of Student	Name of Guide	Name of Co-Guide
01	BHALGAT KARAN PRAKASH	Prof. P. B. Autade	---
02	BORUDE DHANANJAY ANIL	Prof. S. N. Daule	---
03	DAHATONDE NIHAL PRADIP	Dr. M. P. Wagh	---
04	GANGARDE SHREEPAD MADHUKAR	Dr. U. R. Kawade	Prof. P. K. Bhandari
05	GAWALI PRASAD CHANGDEV	Prof. S. N. Daule	---
06	JADHAV RITEEKA SANDEEP	Dr. U. R. Kawade	Prof. D. S. Patare
07	JOSHI SHREEYA VAIBHAV	Dr. U. R. Kawade	Prof. A. A. Sengupta
08	KHARADE SURAJ SANDEEP	Dr. U. R. Kawade	Prof. P. K. Bhandari
09	RAJPOOT SHWETA RAJENDRA	Prof. A. U. Bhalerao	---
10	TANPURE HARSHADA ASHOK	Dr. U. R. Kawade	Prof. A. A. Sengupta
11	WAKALE YOGESH NAMDEV	Prof. A. U. Bhalerao	---


S. N. Daule
ME Co-ordinator




Dr. U. R. Kawade
HOD-Civil


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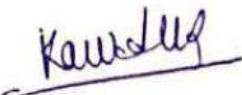
Dr Vithalrao Vikhe Patil College of Engineering, Ahmednagar

Department of Civil Engineering

Internship details

Academic Year 2023-24

Sr. No.	Name of Students	Name of Organisation	Duration	No of Days
1	Aute Shubhangi Rameshwar	Devendra Potdar & Associates, Ahmednagar	24/02/2024 to 17/04/2024	54
2	Bagale Shubham Dilip	Vrushab Ajay Mhase Associates, Ahmednagar	20/12/2023 to 10/01/2024	22
3	Dhamane Sandhya Sampat	Disha Computer Institute, Ahmednagar	10/01/2024 to 09/02/2024	50
4	Dhobale Onkar Vijay	Vishal Associates, Ahmednagar	02/01/2024 to 02/02/2024	33
5	Gaikwad Devdatta Sitaram	JMR Buildcon, Ahmednagar	01/01/2024 to 28/02/2024	59
6	Gangwal Smit Ajay	Vrushab Ajay Mhase Associates, Ahmednagar	20/12/2023 to 10/01/2024	22
7	Ghugarkar Prathmesh Macchindra	A S Constructions, Ahmednagar	02/02/2024 to 02/03/2024	30
8	Hasnale Abhishek Ambadas	Vishal Associates, Ahmednagar	02/01/2024 to 02/02/2024	33
9	Jagtap Sayali Annasaheb	Devendra Potdar & Associates, Ahmednagar	24/02/2024 to 17/04/2024	54
10	Kakade Tushar Bhagwan	Gadakh Santosh Construction & Developers	02-02-2024 to 05/03/2024	33
11	Kale Pratik Sanjay	Vishal Associates , Ahmednagar	02/01/2024 to 02/02/2024	33
12	Kale Vishal Annasaheb	Vishal Associates , Ahmednagar	02/01/2024 to 02/02/2024	33
13	Lakare Om Dnyaneshwar	Sushant Construction , Ahmednagar	01/02/2024 to 31/03/2024	60
14	Rohit Rajendra Musmade	Vishal Associates, Ahmednagar	02/01/2024 to 02/02/2024	33
15	Palve Ashwini Chhaban	E K Joshi & Associates, Ahmednagar	01/03/2024 to 30/04/2024	61
16	Vitekar Dhanraj Balu	E K Joshi And Associates, Ahmednagar	01/03/2024 to 30/04/2024	61
17	Kale Onkar Goraksha	Er Atul Thakachand Rohokale, Ahmednagar	18/01/2024 to 19/02/2024	33


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Dept & Civil Engineering
D.V.V.P.C.O.E, Ahmednagar




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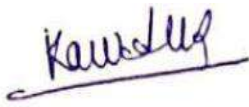
A
VISIT REPORT
ON
SHRI AMBALIKA SUGAR FACTORY, BARDGAON SUDRIK,
KARJAT

TECHNICAL VISIT OF
B.E. CIVIL STUDENTS
ON
27TH OCTOBER 2023

UNDER THE GUIDANCE OF
PROF. (DR.) M.P. WAGH
PROFESSOR
IN CIVIL ENGINEERING DEPARTMENT

DR. VITHALRAO VIKHE PATIL COLLEGE OF ENGINEERING
AHMEDNAGAR

I


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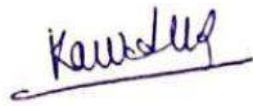
Visit Report

Sugar industry is a seasonal industry operating for maximum of 4-5 months in one season. Industry uses sugarcane as their raw material along with chemical added to increase the face value of the final product. During the process a huge amount of water is also use per day and as result industry generates wastewater (effluent) on daily basis. Wastewater from the mill house is usually contaminated with oil and grease. The spillage of oil and grease on the floor of mill house from the machinery and equipment is washed away during floor washing. The wastewater, which is generated from process house mainly results from floor and equipment washing and is highly contaminated with additives and other chemicals used at different processing stages. Boiler house mainly contributes to the production of air pollution and have little share in water pollution. Sugar industry is a large water consumer and there is no stage in sugar production where water is not required. Nevertheless, water consumption can vary due to the technology applied and the nature and quality of raw material used. Mostly water is required in the sugar mills as cooling water for barometric condensers, boiler feed water, for lime preparation, for dilution in evaporators, etc. From sugar industries various pollutant are emitted from the chimney. These pollutants are highly toxic and harmful to human being. Next chapter gives the brief information about the air pollution and its effect on human life.

Shri Ambalika Sugar Private Limited (SASPL) is a technology company with a business mix that spans sugar, specialty sugars, co-generated power, alcohol (RS), Established in 2011, Ambalika sugar is Private limited sugar industry located at Karjat. Since 2011, Shri Ambalika Sugar Private Limited (SASPL) has played a key role in making life a little sweeter. SASPL is a technology company with a business mix that spans sugar, specialty sugars, co-generated power, alcohol (RS), extra neutral alcohol (ENA), Absolute Alcohol (Ethanol).

Objective of the Visit

1. To get the core knowledge about sugar industry
2. To know the Emission of various pollutant from the industry
3. To know the working principle of electrostatic precipitator
4. To learn the working of sugar wastewater treatment plant


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Various pollutant emitted from sugar industry are summarized in table 1.

Table 1. Emission of parameters from sugar Industry

Air pollutants	Emission per MT Sugar Cane Crushed (kg)
PM ₁₀	24.0625
SO ₂	1.82875
NO [*] x	4.8125

Table 2: Emission of air pollutant in Kushtia Sugar Mill

Air pollutants	Emission (kg/h)
PM ₁₀	24.0625
SO ₂	1.82875
NO [*] x	4.8125

*PM₁₀- Particulate Matter, *SO₂-Sulfer Dioxides, *NO_x- Nitrogen Oxides

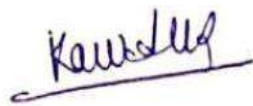
Table 3: WHO standards vs. pollution concentration in surrounding area of sugar mill

Pollutants	WHO Standard($\mu\text{g}/\text{m}^3$) **	Surrounding Area of Sugar Mills($\mu\text{g}/\text{m}^3$) *
SO ₂	100	28.3957
NO _x	150	76.1779
PM ₁₀	150	380.889

(Source: *Calculation based on field survey data, **WHO, 2000)

Electrostatistic Precipitation

Electrostatic precipitation (ESP) is defined as the use of electrostatic forces to remove charged solid particles or liquid droplets from gas streams in which the particles or droplets are carried in suspension. It is one of the most popular and efficient particulate control devices and accounts for about 95% of all utility particulate controls in the United States (1). The first commercial electrostatic precipitator was designed by Walker and Hutchings and installed at a lead smelter works at Baggily, North Wales in 1885. However, this first attempt was not successful owing to inadequate power supply and poor properties of lead fume for electrostatic precipitation (i.e., small particle sizes, high temperature, and high resistivity of the particles) (2). The principle of electrostatic precipitation was first


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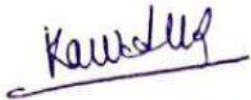



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developed by Dr. Frederick G. Cottrell, an American chemistry instructor at the University of California in Berkley. Cottrell also developed the first successful commercial electrostatic precipitator in 1906, which was installed at an acid manufacturing plant near Pinole, California (3). The first US electrostatic precipitation patent was then issued in 1908 for which the original ESP was a single-stage, cylindrical shape with a high-voltage electrode rod suspended in the center of the cylinder. Since then, electrostatic precipitators have been used extensively to remove both solid particles and liquid droplets from stationary combustion sources and a variety of industrial processes. The ESP that we are most familiar with is based on the two-stage precipitator principle and developed in the 1930s. This allowed for reduction in ozone by utilizing the very fine tungsten wires 5–10 mils in diameter with which everyone is familiar. The thin wires operated at very low voltages (12-kV ionizer and 6-kV collector) and utilized currents of positive polarity. The compact size and lower cost for the collector were achieved by using light aluminum plates spaced about 0.25 in. apart. These basic design elements were incorporated in the “Precipitation” first marketed by Westinghouse in the late 1930s. In general, the removal efficiencies of modern electrostatic precipitators can approach 99.9% or higher (4). However, if not properly designed and/or operated, small changes in the properties of particles/droplets or the gas stream can significantly affect the removal efficiency of the electrostatic precipitators.

Principles of Operation

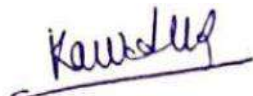
1. Compared to other particulate control devices, electrostatic precipitators are as elegant as they are efficient. Instead of performing work on the entire gas stream in the cleaning process, the electrostatic forces are applied directly to the suspended particles in the electrostatic fields. Current knowledge states that particles/droplets in the precipitation process are charged, transported, neutralized, and removed as briefly described below.
1. The particles/droplets are charged in passing through an ionized electrostatic field.
2. The charged particles/droplets are transported by the electrostatic force onto the surfaces of grounded collecting electrodes of opposite polarity.
3. The charged particles/droplets are neutralized while arriving at the surfaces of collecting electrodes


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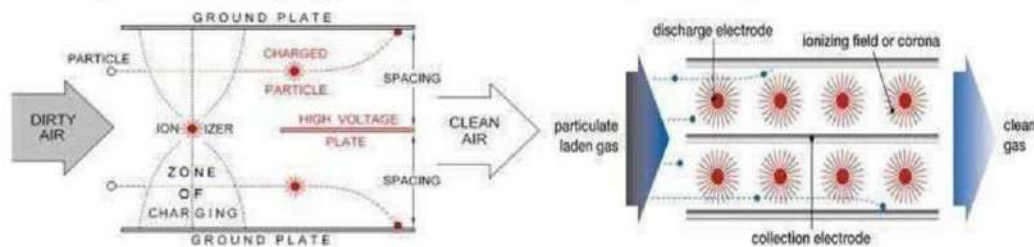
4. The collected particles/droplets are removed from the surfaces of collecting electrodes by rappers, or other means, to a hopper beneath the electrostatic precipitator. Electrostatic precipitators are built in either a single stage or two stages. Single-stage precipitators are designed for the combination of discharge electrodes and collecting electrodes together in a single section and are of two basic forms. The flat surface type (also called plate–wire precipitator) consists of several grounded parallel plates that serve as collecting electrodes, together with an array of parallel high-potential wires mounted in a plane midway between each pair of plates; these wires are the corona discharge electrodes. The alternative single-stage precipitator design consists of an array of grounded cylinders or tubes that serves as collecting electrodes; coaxial to each cylinder is a high-potential wire, which is the corona discharge electrode. In both forms of single-stage precipitator, the ionization and the collection of particles/droplets are achieved in a single stage; that is to say, the corona discharge and precipitating field extend over the full length of the apparatus. The two-stage precipitators differ in the sense that the ionization of particles/droplets is carried out in the first stage confined to the region around the corona discharge wires, followed by particle collection in the second stage, which provides an electrostatic field whereby the previously charged particles are migrated onto the surface of collecting electrodes (see Fig. 2C). A gas stream with suspended particles/droplets is passed between the parallel plates or through the cylinders. Assuming that a sufficient potential difference exists between the discharge and collecting electrodes, a corona will form around the wires. As a result, large numbers of negative and positive ions are formed in the corona zone near the wires. With the discharge electrodes at negative polarity, the negative ions are attracted to the wires. The particles/droplets moving with the gas stream in passing through the interelectrode space are subjected to intense bombardment by the negative ions and become highly charged in a short time (0.1 s or less). Typically, 1- μm particles/droplets will carry about 300 electron charges, whereas a 10- μm particle will carry about 30,000 electron charges (12). The charged particles/droplets, in turn, being under the influence of the high potential difference maintained between the discharge and collecting electrodes, are attracted to the


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collecting electrodes and thus are separated from the gas stream. Solid particles build up a layer on the collecting surface, from which the accumulated deposit has to be periodically removed by rapping or flushing and are allowed to collect into a hopper. Liquid droplets form a film on the collecting surface, which then drips off into a sump. Single-stage precipitators have proved to be universally applicable in the cleaning of contaminated industrial gases, and two-stage precipitators are generally used for domestic and commercial indoor air cleaning, especially when low ozone generation is essential. In the following subsections, some of the fundamental aspects of precipitator operation, such as corona discharge, electrical field, particle charging, and particle collection, are analysed.



Electrostatic Precipitators (ESPs)

- An ESP is a particle control device that uses electrical forces to move the particles out of the flowing gas stream and onto collector plates.
- The ESP places electrical charges on the particles, causing them to be attracted to oppositely charged metal plates located in the precipitator.
- The particles are removed from the plates by "rapping" and collected in a hopper located below the unit.
- The removal efficiencies for ESPs are highly variable; however, for very small particles alone, the removal efficiency is about 99 percent.

Electrostatic precipitators are not only used in utility applications but also other industries (for other exhaust gas particles) such as cement (dust), pulp & paper (salt cake & lime dust), petrochemicals (sulfuric acid mist), and steel (dust & fumes)

Electrostatic precipitation has been a reliable technology since the early 1900's. Originally developed to abate serious smoke nuisances. Zinc, copper, and lead industries found ESP a cost-efficient way to recover valuable product. Today ESP are found mainly on large power plants, incinerators, cement plants, in wood products industry, ESP preceded by

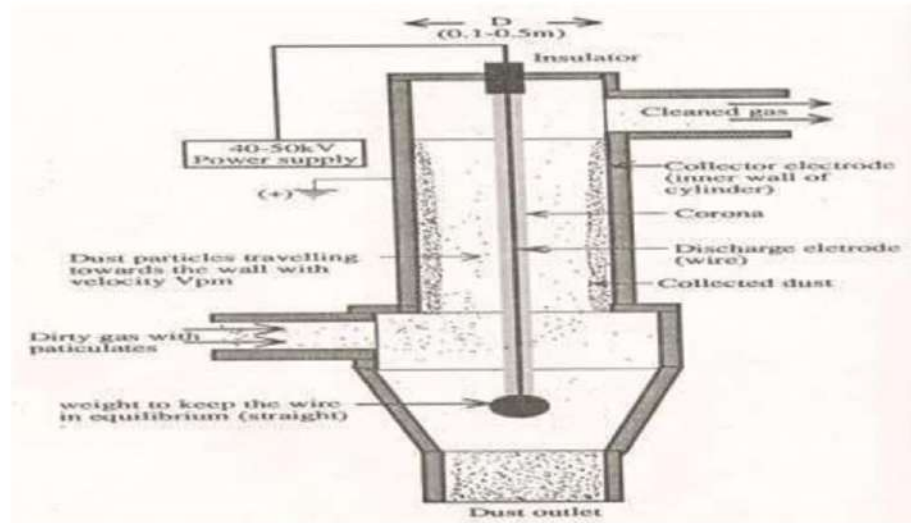
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multi clones is considered the best available control technology for wood fired boiler emissions. Wet ESP have found renewed interest from particle board, and plywood veneer manufactures for controlling dryer exhaust. An ESP can consistently provide 99%+ removal reducing emissions levels to 0.002 - 0.015 grains per dry standard cubic foot of exhaust gas. Precipitators are designed to handle flow from 10,000 to 300,000 and can operate at temperatures as high as 750 degrees F. Normal gas flow through a precipitator is 2-5 feet per second, consequently, the pressure drop is only 0.5"

Electro static Precipitator



An electrostatic precipitator (ESP) is a particulate control device that uses electrical forces to move particles entrained within a waste gas stream onto collector plates. The entrained particles are given an electrical charge when they pass through a corona where gaseous ions flow. Electrodes in the centre of the flow field are maintained at high voltage and generate the electrical field that forces the particles to the collector walls. The pulsating DC voltage required is in the range of 20–100kV

Working Principle

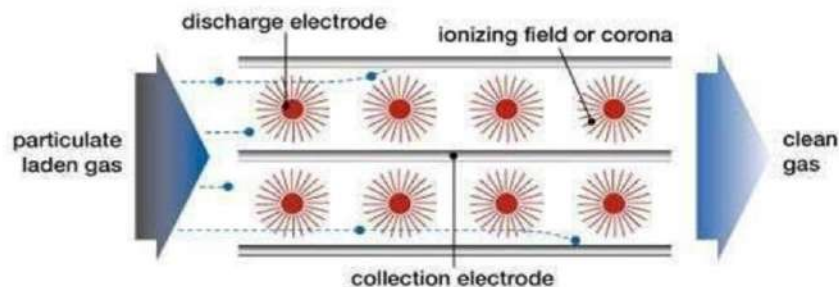
Electrostatic precipitator is a physical process by which particles (Solid or Liquid) can be removed from the gaseous air streams. The gas stream is passed between a pair of electrodes, across which a high potential difference maintained. The electrodes are discharge electrodes at a high potential and an electrically grounded collecting electrode. Due to high potential difference, a powerful ionizing field is formed. Under

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the action of electric field, gas ions formed in the corona move rapidly towards the collecting electrodes and transfer their charge to the particles by collision with them. The electrical field interacting with the charge on the particles then causes them to drift towards, and be deposited on the collecting electrode. The particles collected on collecting electrodes lose their charge and then are removed mechanically by rapping or vibration into the hopper below the electrical treatment zone and are collected for ultimate disposal. When the particles are liquid droplets coalesce on the collecting electrode and drip off the bottom of that electrode into the collecting sump.



Types of Electrostatic precipitators

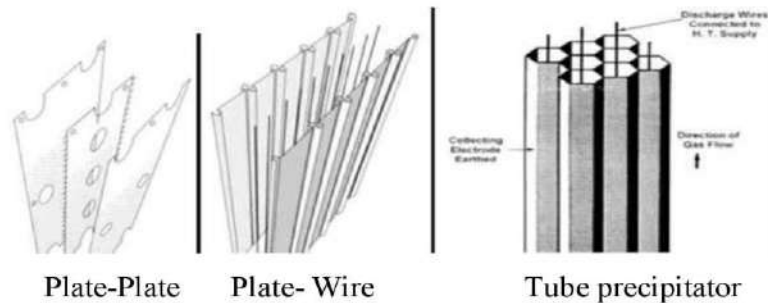


Plate-Plate

Plate- Wire

Tube precipitator

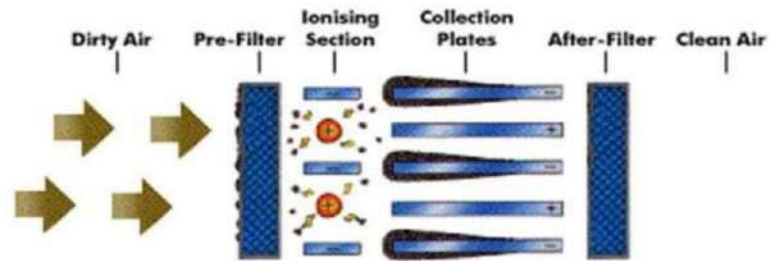
Operation of ESP

Dust laden gases are pushed or pulled through the box with the assistance of a fan. The air flow is channeled into lanes formed by the collection plates or tubes. Discharge electrodes are centered between each collection plate/tube to provide a negative charge to the surrounding dust particles. The collection plates/tubes are positively grounded and act as a magnet for the negatively charged dust particles. The collected dust is transported down the collection plates and electrode with the assistance of a rapper or vibrator system into the collection hopper.

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When are Electrostatic Precipitators not a suitable solution

As the size of the required precipitator increases, other technologies become more cost effective. For low sulfur utility applications, fabric filters are an attractive alternative. As part of the overall precipitator/fabric filter cost evaluation, operating costs need to be included. Typically, the pressure drops across a flange-to-flange fabric filter will be in the 6 to 8" w.c. range whereas an electrostatic precipitator will have approximately a 0.5 to 1" w.c. pressure drop. This pressure drop penalty for a fabric filter will be somewhat offset by its lower power consumption. Another benefit of a fabric filter is high acid gas, SO₂, chlorides, fluorides, and Hg removal capability. When operating downstream of a spray dryer absorber, removal efficiencies of 90% or greater can be attained for some species when operating in conjunction with a fabric filter. The fabric filter dust layer acts as a fixed bed where high acid gas removal efficiency can take place. Since most of the particulate is removed from the collecting electrodes of a precipitator during normal operation, acid gas removal capability is much reduced.

ESP Advantages

They have high efficiencies (exceeds 99.9% in some applications)

- Fine dust particles are collected efficiently
- Can function at high temperatures (370 degree C – 700 degree C)
- Pressure and temperature changes are small
- Difficult material like acid and tars can be collected
- They withstand extremely corrosive material
- Low power requirement for cleaning
- Dry dust is collected making recovery of lost product easy
- Large flow rates are possible

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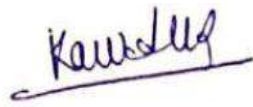
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ESP Disadvantages

- High initial cost
- Materials with very high or low resistivity are difficult to collect
- Explosion risk with dry ESP
- Re-entrainment of dust can be a problem due to high gas resistivity
- Corrosion near the top of the wires because of air leakage and acid condensation
- High quality personal required,
- special arrangement for personal safety required
- Dry ESP is not recommended for sticky or moist particles
- Inefficiencies could arise in the system due to variable condition of airflow like flow rate, temperature, PM, gas composition (though automatic voltage control improves collector efficiency)
- They can be larger than bag houses (fabric collectors) and cartridge units, and can occupy greater space
- Material in gaseous phase cannot be removed by electrostatic method
- Dust loads may be needed to be reduced before precipitation process (pre cleaner may be needed)

Conclusion

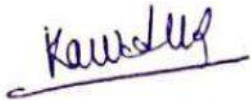
Technical visit is essential to get the core knowledge of the subject. Following conclusion has been carried out. Sugar industry is highly polluted industry The durability of the ESP is high. It can be used for the collection of both dry and wet impurities. It has low operating costs. The collection efficiency of the device is high even for small particles. It can handle large gas volumes and heavy dust loads at low pressures. ESP Can't be used for gaseous emissions. Space requirement is more. Capital investment is high. Using ESP efficiency and productivity of the plant increase and air pollution get control Suspended particular matter (SPM) of size 2.5 particular are collected in ESP and fly ash get produce. Student gets the basic flow chart and working of sugar industry. Students gets the basic idea about the Emission of various pollutant from the industry. By the installation of Electrostatic Precipitators (ESP) suspended particular matter will be reduced up to $28.39 \mu\text{g}/\text{m}^3$


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Factory : Ambikanagar, At & Post : Jagdamba Factory
Gat No 392, Ambikanagar, Baradgaon (Sudrik)
Tal : Karjat, Dist : Ahmednagar - 414 403.
Regd. No U15429P.N. 2011 PTC 139507 Dt. 11-5-2011
Email : shriambalikasugar@gmail.com

Ref No. SASPL/ADMIN/ 239 /2023-24

Date - 20/10/2023

To,
The Principal,
Dr. Vithalrao Vikhe Patil College of Engineering,
Vilad Ghat, Vadgaon Gupta,
PO- MIDC, Ahmednagar.

Sub - Permission to visit Sugar factory.

Ref - Your letter No. CEA/Civil/2023/2791 dated 16/10/2023

R/Sir,

With reference to the above subject, We are permitted you to arrange the Industrial Visit of your BE Civil Engineering students to our sugar factory on dated 26th October 2023

Thanking you,

Your's faithfully,


CHIEF EXECUTIVE OFFICER

Shri
AMBALIKA
SUGAR


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ELECTROSTATIC PRECIPITATOR TO COLLECT THE SUSPENDED PARTICLES
 GENERATED FROM THE INDUSTRY



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FELICITATION OF ER. AMOL LOKHANDE

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Lab : Survey No. 93/A, Conformity Hissa No.2 G.V.Brothers Bldg., Bata Compound, Khopat, Near Flower Valley, Thane (West) - 400 601, Maharashtra, India.
Tele : +91 22 2547 49 07 / +91 22 2547 62 17 Email : lab@ultratech.in Visit us at : www.ultratech.in

TEST REPORT

ISSUED TO: M/s. SHRI AMBALIKA SUGAR PVT.LTD.
Gat No.392.231, Ambalika Nagar, A/P Jagadamba Factory
Village Baradgaon Budruk, Taluka-Karjat, Ahmadnagar.

REPORT NO. : UT/ELS/REPORT/C-121/12-2022
ISSUE DATE : 13/12/2022
YOUR REF. : 280/2022-2023
REF. DATE : 04/07/2022

SAMPLE PARTICULARS :

Sampling Plan Ref. No. : C-25/11-2022
Sampling Procedure : UT/LQMS/SOP/SE01A
Sample Registration Date : 14/11/2022
Date of Sampling : 12/11/2022
Time of Sampling : 10:00 Hrs. to 11:00 Hrs.

STACK EMISSIONS QUALITY MONITORING

Analysis Starting Date : 14/11/2022
Analysis Completion Date : 15/11/2022
Sample Lab Code : UT/EL3/183/11-2023
Sample Collected By : ULTRA-TECH

STACK DETAILS

Stack ID : S-01
Stack Attached To : Boiler (110 TPH)
Stack Shape : Round
Stack MOC : RCC
Stack Height : 78 Meter from Ground Level
Stack Diameter : 3.0 Meter @ Sampling Point
Fuel Used : Bagasse
Fuel Consumption : 2000 MT/Day

FLUE GAS CHARACTERISTICS

Flue Gas Temperature : 415 °K
Flue Gas Velocity : 6.6 m/sec
Volumetric Flow Rate : 107643 Nm³/hr
Total Volume of Flue Gas : 1.000 Nm³ (@ STP)

Sr. No.	Test Parameter	Test Method	Test Result	Unit
1.	Total Particulate Matter (TPM)	UT/LQMS/SOP/SE01	17	mg/Nm ³
2.	Sulphur Dioxide (SO ₂)	IS 11255 (Part 02) : 1985	22	mg/Nm ³

Remark/ Statement of Conformity: Nil.

Sampling Equipment Details	Instrument Used	Make & Model	Calibration Status
	Stack Sampling Kit	Make - POLLTECH; Model PEM - SMS 4; Sr. No. 2613	Valid up to - 12/01/2023

Note:

1. Samples were collected by following laboratory's SOP (UT/LQMS/SOP/SE01A) based on CPCB Guidelines - On methodologies For Source Emission Monitoring - CPCB (Laboratory analysis Techniques - LATS /80/2013-14 and respective test methods.
2. This test report refers only to the sample tested.
3. This test report is valid at the time of and under the conditions specified herein
4. This test report may not be reproduced in part, without the permission of this laboratory.
5. Any correction invalidates this test report.

- END OF REPORT -



For ULTRA-TECH,

Meghan Patil

Meghan Patil
(Authorized Signatory)

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Tel : +91-22+2538 01 98 / 2545 03 72 / 2544 62 51 Fax : +91-22-2542 96 50 Email : sales@ultratech.in

Pune : +91-20-29525517 - pune@ultratech.in Kochi : +91-048-44011173 / +91-9895200526 - kochi@ultratech.in

Kolkata: +033-40089145 / +91-9674488198 - kolkata@ultratech.in

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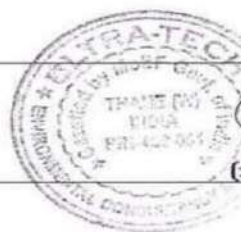
Lab : Survey No. 93/A, Conformity Hissa No.2 G.V. Brothers Bldg., Bata Compound, Khopat, Near Flower Valley, Thane (West) - 400 601, Maharashtra, India.
Tele : +91 22 2547 49 07 / +91 22 2547 62 17 Email : lab@ultratech.in Visit us at : www.ultratech.in**TEST REPORT**ISSUED TO: M/s. SHRI AMBALIKA SUGAR PVT.LTD.
Gat No.392.231, Ambalika Nagar, A/P Jagadamba Factory
Village Baradgaon Budruk, Taluka-Karjat, Ahmadnagar.REPORT NO. : UT/ELS/REPORT/C-122/12-2022
ISSUE DATE : 13/12/2022
YOUR REF. : 280/2022-2023
REF. DATE : 04/07/2022**SAMPLE PARTICULARS :**Sampling Plan Ref. No. : C-25/11-2022
Sampling Procedure : UT/LQMS/SOP/SE01A
Sample Registration Date : 14/11/2022
Date of Sampling : 12/11/2022
Time of Sampling : 11:30 Hrs. to 12:30 Hrs.**STACK EMISSIONS QUALITY MONITORING**Analysis Starting Date : 14/11/2022
Analysis Completion Date : 15/11/2022
Sample Lab Code : UT/ELS/186/11-2022
Sample Collected By : ULTRA-TECH**STACK DETAILS**Stack ID : S-02
Stack Attached To : Boiler (90 TPH)
Stack Shape : Round
Stack MOC : RCCStack Height : 73 Meter from Ground Level
Stack Diameter : 3.0 Meter @ Sampling Point
Fuel Used : Bagasse
Fuel Consumption : 200MT/Day**FLUE GAS CHARACTERISTICS**Flue Gas Temperature : 418 °K
Flue Gas Velocity : 6.1 m/sec
Volumetric Flow Rate : 99801 Nm³/hr
Total Volume of Flue Gas : 1.000 Nm³ (@ STP)

Sr. No.	Test Parameter	Test Method	Test Result	Unit
1.	Total Particulate Matter (TPM)	UT/LQMS/SOP/SE01	24	mg/Nm ³
2.	Sulphur Dioxide (SO ₂)	IS 11255 (Part 02) : 1985	32	mg/Nm ³

Remark/ Statement of Conformity: Nil.

Sampling Equipment Details	Instrument Used	Make & Model	Calibration Status
	Stack Sampling Kit	Make - POLLTECH; Model PEM - SMS 4; Sr. No. 2613	Valid up to - 12/01/2023

Note: 1. Samples were collected by following laboratory's SOP (UT/LQMS/SOP/SE01A) based on CPCB Guidelines - On methodologies For Source Emission Monitoring - CPCB (Laboratory analysis Techniques - LATS /80/2013-14 and respective test methods.
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Meghan Patil

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TEST REPORT

ISSUED TO: M/s. SHRI AMBALIKA SUGAR PVT.LTD.
Gat No.392.231, Ambalika Nagar, A/P Jagadamba Factory
Village Baradgaon Budruk, Taluka-Karjat, Ahmadnagar.

REPORT NO. : UT/ELS/REPORT/C-123/12-2022
ISSUE DATE : 13/12/2022
YOUR REF. : 280/2022-2023
REF. DATE : 04/07/2022

SAMPLE PARTICULARS
Sampling Plan Ref. No. : C-25/11-2022
Sampling Procedure : UT/LQMS/SOP/SE01A
Sample Registration Date : 14/11/2022
Date of Sampling : 12/11/2022
Time of Sampling : 13:30 Hrs. to 14:30 Hrs.

STACK EMISSIONS QUALITY MONITORING
Analysis Starting Date : 14/11/2022
Analysis Completion Date : 15/11/2022
Sample Lab Code : UT/ELS/187/11-2022
Sample Collected By : ULTRA-TECH

Stack ID : S-03
Stack Attached To : DG (1000 KVA)
Stack Shape : Round
Stack MOC : MS

STACK DETAILS
Stack Height : 2.5 Meter from Ground Level
Stack Diameter : 0.1016 Meter @ Sampling Point
Fuel Used : Diesel
Fuel Consumption : 90 Lit/Day

FLUE GAS CHARACTERISTICS
Flue Gas Temperature : 438 °K
Flue Gas Velocity : 7.3 m/sec
Volumetric Flow Rate : 129 Nm³/hr
Total Volume of Flue Gas : 1.000 Nm³ (@ STP)

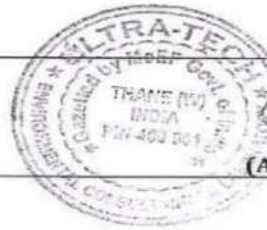
Sr. No.	Test Parameter	Test Method	Test Result	Unit
1.	Total Particulate Matter (TPM)	UT/LQMS/SOP/SE01	16	mg/Nm ³
2.	Sulphur Dioxide (SO ₂)	IS 11255 (Part 02) : 1985	11	mg/Nm ³

Remark/ Statement of Conformity: Nil.

Sampling Equipment Details	Instrument Used	Make & Model	Calibration Status
	Stack Sampling Kit	Make - POLLTECH; Model PEM - SMS 4; Sr. No. 2613	Valid up to - 12/01/2023

- Note:**
1. Samples were collected by following laboratory's SOP (UT/LQMS/SOP/SE01A) based on CPCB Guidelines - On methodologies For Source Emission Monitoring - CPCB (Laboratory analysis Techniques - LATS /80/2013-14 and respective test methods.
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- END OF REPORT -



For ULTRA-TECH,

Meghan Patil
Meghan Patil
(Authorized Signatory)

Page 1 of 1

Kaushik
Sign. of HOD-Civil
Head of Department
Dept & Civil Engineering
D.V.V.P.C.O.E, Ahmednagar



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

Lab : Survey No. 93/A, Conformity Hissa No.2 G.V.Brothers Bldg., Bata Compound, Khopat, Near Flower Valley, Thane (West) - 400 601, Maharashtra, India.
Tele : +91 22 2547 49 07 / +91 22 2547 62 17 Email : lab@ultratech.in Visit us at : www.ultratech.in

TEST REPORT

ISSUED TO: M/s. SHRI AMBALIKA SUGAR PVT.LTD.
Gat No.392.231,Ambalika Nagar, A/P Jagadamba Factory
Village BaradgaonBudruk, Taluka-Karjat, Ahmadnagar.

REPORT NO. : UT/ELS/REPORT/C-124/12-2022
ISSUE DATE : 13/12/2022
YOUR REF. : 280/2022-2023
REF. DATE : 04/07/2022

SAMPLE PARTICULARS :

Sampling Plan Ref. No. : C-25/11-2022
Sampling Procedure : UT/LQMS/SOP/SE01A
Sample Registration Date : 14/11/2022
Date of Sampling : 12/11/2022
Time of Sampling : 15:00 Hrs. to 16:00 Hrs.

STACK EMISSIONS QUALITY MONITORING

Analysis Starting Date : 14/11/2022
Analysis Completion Date : 15/11/2022
Sample Lab Code : UT/ELS/188/11-2022
Sample Collected By : ULTRA-TECH

STACK DETAILS

Stack ID : S-04
Stack Attached To : DG (1000 KVA)
Stack Shape : Round
Stack MOC : MS
Stack Height : 2.5 Meter from Ground Level
Stack Diameter : 0.1016 Meter @ Sampling Point
Fuel Used : Diesel
Fuel Consumption : 90 Lit/Day

FLUE GAS CHARACTERISTICS

Flue Gas Temperature : 440 °K
Flue Gas Velocity : 7.5 m/sec
Volumetric Flow Rate : 133 Nm³/hr
Total Volume of Flue Gas : 1.000 Nm³ (@ STP)

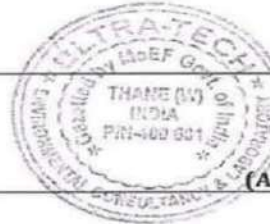
Sr. No.	Test Parameter	Test Method	Test Result	Unit
1.	Total Particulate Matter (TPM)	UT/LQMS/SOP/SE01	19	mg/Nm ³
2.	Sulphur Dioxide (SO ₂)	IS 11255 (Part 02) : 1985	10	mg/Nm ³

Remark/ Statement of Conformity: Nil

Sampling Equipment Details	Instrument Used	Make & Model	Calibration Status
	Stack Sampling Kit	Make - POLLTECH; Model PEM - SMS 4; Sr. No. 2613	Valid up to - 12/01/2023

- Note:
1. Samples were collected by following laboratory's SOP (UT/LQMS/SOP/SE01A) based on CPCB Guidelines - On methodologies For Source Emission Monitoring - CPCB (Laboratory analysis Techniques - LATS /80/2013-14 and respective test methods.
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 5. Any correction invalidates this test report.

- END OF REPORT -



For ULTRA-TECH,

Meghan Patil

(Authorized Signatory)

Page 1 of 1

H.O.: Unit No. 224,225,206, Jai Commercial Complex, Eastern Express Highway, Opp. Cadbury Factory, Khopat, Thane (W) 400 601, Maharashtra, India.

Tel : +91-22+2538 01 88 / 2545 03 72 / 2544 62 51 Fax : +91-22-2542 96 50 Email : sales@ultratech.in

Pune : +91-20-29525517 - pune@ultratech.in Kochi : +91-048-44011173 / +91-9895200526 - kochi@ultratech.in

Kolkata : +033-40089145 / +91-9674488198 - kolkata@ultratech.in

Sign. of HOD-Civil
Head of Department
Dept & Civil Engineering
D.V.V.P.C.O.E, Ahmednagar



PRINCIPAL
Dr. Vithalrao Vikho Patil
College of Engineering
Ahmednagar

TEST REPORT

ISSUED TO: M/s. SHRI AMBALIKA SUGAR PVT.LTD.
Gat No.392.231, Ambalika Nagar, A/P Jagadamba Factory
Village Baradgaon Budruk, Taluka-Karjat, Ahmednagar.

REPORT NO. : UT/ELS/REPORT/C-125/12-2022
ISSUE DATE : 13/12/2022
YOUR REF. : 280/2022-2023
REF. DATE : 04/07/2022

SAMPLE PARTICULARS :
Sampling Plan Ref. No. : C-25/11-2022
Sampling Procedure : UT/LQMS/SOP/SE01A
Sample Registration Date : 14/11/2022
Date of Sampling : 13/11/2022
Time of Sampling : 10:30 Hrs. to 11:30 Hrs.

STACK EMISSIONS QUALITY MONITORING
Analysis Starting Date : 14/11/2022
Analysis Completion Date : 15/11/2022
Sample Lab Code : UT/ELS/189/11-2022
Sample Collected By : III.TRA-TECH

Stack ID : S-05
Stack Attached To : Boiler(30TPH)
Stack Shape : Round
Stack MOC : RCC

STACK DETAILS
Stack Height : 73 Meter from Ground Level
Stack Diameter : 3.0 Meter @ Sampling Point
Fuel Used : Coal
Fuel Consumption : 65 MT/Day

FLUE GAS CHARACTERISTICS
Flue Gas Temperature : 407 °K
Flue Gas Velocity : 7.0 m/sec
Volumetric Flow Rate : 116411 Nm³/hr
Total Volume of Flue Gas : 1.000 Nm³ (@ STP)

Sr. No.	Test Parameter	Test Method	Test Result	Unit
1.	Total Particulate Matter (TPM)	UT/LQMS/SOP/SE01	14	mg/Nm ³
2.	Sulphur Dioxide (SO ₂)	IS 11255 (Part 02) : 1985	22	mg/Nm ³

Remark/ Statement of Conformity: Nil

Sampling Equipment Details	Instrument Used	Make & Model	Calibration Status
	Stack Sampling Kit	Make - POLLTECH; Model PEM - SMS 4; Sr. No. 2613	Valid up to - 12/01/2023

Note:

1. Samples were collected by following laboratory's SOP (UT/LQMS/SOP/SE01A) based on CPCB Guidelines - On methodologies For Source Emission Monitoring - CPCB (Laboratory analysis Techniques - LATS /80/2013-14 and respective test methods.
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- END OF REPORT -



For ULTRA-TECH,

Meghan Patil

(Authorized Signatory)

Page 1 of 1

H.O.: Unit No. 224,225,206, Jai Commercial Complex, Eastern Express Highway, Opp. Cadbury Factory, Khopat, Thane (W) 400 601, Maharashtra, India.

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Kolkata : +033-40089145 / +91-9674488198 - kolkata@ultratech.in

Kaushik
Sign. of HOD-Civil
Head of Department
Dept & Civil Engineering
D.V.V.P.C.O.E, Ahmednagar



V. Patil
PRINCIPAL
Dr. Vitthalrao Vikhe Patil
College of Engineering
Ahmednagar

Lab : Survey No. 93/A, Conformity Hissa No.2 G.V.Brothers Bldg., Bata Compound, Khopat, Near Flower Valley, Thane (West) - 400 601, Maharashtra, India.
Tele : +91 22 2547 49 07 / +91 22 2547 62 17 Email : lab@ultratech.in Visit us at : www.ultratech.in

TEST REPORT

ISSUED TO: M/s. SHRI AMBALIKA SUGAR PVT.LTD.
Gat No.392.231, Ambalika Nagar, A/P Jagadamba Factory
Village Baradgaon Budruk, Taluka-Karjat, Ahmadnagar.

REPORT NO. : UT/ELS/REPORT/C-126/12-2022
ISSUE DATE : 13/12/2022
YOUR REF. : 280/2022-2023
REF. DATE : 04/07/2022

SAMPLE PARTICULARS :

Sampling Plan Ref. No. : C-25/11-2022
Sampling Procedure : UT/LQMS/SOP/SE01A
Sample Registration Date : 14/11/2022
Date of Sampling : 13/11/2022
Time of Sampling : 12:00 Hrs. to 13:00 Hrs.

STACK EMISSIONS QUALITY MONITORING

Analysis Starting Date : 14/11/2022
Analysis Completion Date : 15/11/2022
Sample Lab Code : UT/ELS/190/11-2022
Sample Collected By : ULTRA-TECH

STACK DETAILS

Stack ID : S-06
Stack Attached To : DG Set (250 KVA)
Stack Shape : Round
Stack MOC : MS

Stack Height : 1.5 Meter from Ground Level
Stack Diameter : 0.1016 Meter @ Sampling Point
Fuel Used : Diesel
Fuel Consumption : 30lit/day

FLUE GAS CHARACTERISTICS

Flue Gas Temperature : 428 °K
Flue Gas Velocity : 6.7 m/sec
Volumetric Flow Rate : 121 Nm³/hr
Total Volume of Flue Gas : 1.000 Nm³ (@ STP)

Sr. No.	Test Parameter	Test Method	Test Result	Unit
1.	Total Particulate Matter (TPM)	UT/LQMS/SOP/SE01	12	mg/Nm ³
2.	Sulphur Dioxide (SO ₂)	IS 11255 (Part 02) : 1985	6	mg/Nm ³

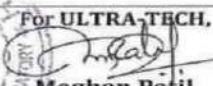
Remark/ Statement of Conformity: Nil.

Sampling Equipment Details	Instrument Used	Make & Model	Calibration Status
	Stack Sampling Kit	Make - POLLTECH; Model PEM - SMS 4; Sr. No. 2613	Valid up to - 12/01/2023

Note:

1. Samples were collected by following laboratory's SOP (UT/LQMS/SOP/SE01A) based on CPCB Guidelines - On methodologies For Source Emission Monitoring - CPCB (Laboratory analysis Techniques - LATS /80/2013-14 and respective test methods.
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- END OF REPORT -

For ULTRA-TECH,

Meghan Patil
(Authorized Signatory)

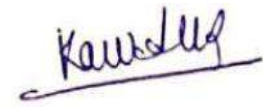
Page 1 of 1

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Head of Department
Dept & Civil Engineering
D.V.V.P.C.O.E, Ahmednagar




PRINCIPAL
Dr. Vithalrao Vikho Patil
College of Engineering
Ahmednagar



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

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



Department of Civil Engineering

Report of Event (Internship/Field Work/Industrial Visit)

Date:-23/7/2023

Time:-10.00am

Class:-TE Civil

Venue:-Ahmednagar

Nature of Event (Intern/FW/IV) :-Industrial Visit

Name of Company:- Medical College Hostel Building Construction Site

Address of Company:- :- Medical College Hostel Building Construction Site

Name of Staff and Delegates:-Prof. P. K. Bhandari, Prof. A. A. Sengupta

Description of the Event: For engineering, which is a professional, practical oriented course, field visits is one of the most effective modes of education. It is the most powerful medium of exposure to industry for the students. Keeping this in mind Department of Civil Engineering organizes different site visits. As per prescribed syllabus of third year civil engineering, Savitribai Phule Pune University, Pune, visit of T.E. civil students was organized on 23rd Jul.2023

1. Objective-

- To provide an awareness about new technologies.
- To provide an exposure about industrial practices.

2. Outcomes : Students are able to

- Get exposure to current work practices
- Identify their prospective area of work.
- Enhance their interpersonal skills.

Total Number of Students Present:-30

Dr. U.R.Kawade

H.O.D (Civil)

Head of Department
Dept & Civil Engineering
D.V.V.P.,C.O.E, Ahmednagar

Page 1 of 5



PRINCIPAL
Dr. Vitthalrao Vikhe Patil
College of Engineering
Ahmednagar



Kausik
 Sign. of HOD-Civil
Head of Department
 Dept & Civil Engineering
 D.V.V.P., C.O.E, Ahmednagar



V. Patil
 PRINCIPAL
 Dr. Vitthalrao Vikho Patil
 College of Engineering
 Ahmednagar

Ref. No. CEA/Civil/2023/

1959

Date: 22.07.2023

To,
Dr. Abhijit Diwate,
Director,
Dr. Vitthalrao Vikhe Patil Memorial Hospital
And Medical College
Ahmednagar.

Subject: **Technical Visit of T.E civil engineering students**

Respected Sir,

As per the curriculum of Savitribai Phule Pune University, Pune, our college is organizing Industrial visits for our students. Purpose of Technical Visit is to get core technical/practical knowledge of construction site.

It is requested that permission to be granted for 30 students of T.E. civil engineering accompanied with two staff members. This visit may be scheduled preferably on 24th July 2023. It is assured that there will be no disturbance in your work schedule due to visit of our students.

Location of site visit: **Medical College Hostel Building construction site.**

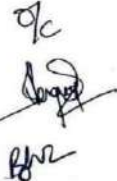
Name of Faculties:

1. Prof. P.K. Bhandari
2. Prof. A.A. Sengupta

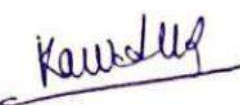
Yours Faithfully



Principal
College of Engineering,
Ahmednagar



Page 3 of 5


Sign. of HOD-Civil
Head of Department
Dept & Civil Engineering
D.V.V.P., C.O.E., Ahmednagar




PRINCIPAL
Dr. Vitthalrao Vikhe Patil
College of Engineering
Ahmednagar

Ref. No. CEA/Civil/2023/ 1359

Date: 22.07.2023

To,
Dr. Abhijit Divate,
Director,
Dr. Vitthalrao Vikhe Patil Memorial Hospital
And Medical College
Ahmednagar.

Subject: Technical Visit of B.E civil engineering students

Respected Sir,

As per the curriculum of Savitribai Phule Pune University, Pune, our college is organizing Industrial visits for our students. Purpose of Technical Visit is to get core technical/practical knowledge of construction site.

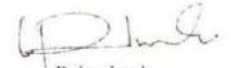
It is requested that permission to be granted for 30 students of B.E. civil engineering accompanied with two staff members. This visit may be scheduled preferably on 24th July 2023. It is assured that there will be no disturbance in your work schedule due to visit of our students.

Location of site visit: Medical College Hostel Building construction site.

Name of Faculties:

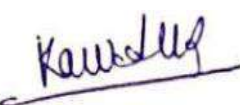
1. Prof. P.K. Bhandari
2. Prof. A.A. Sengupta

Yours Faithfully


Principal
College of Engineering,
Ahmednagar

*Synergy SKI Infra Development
P.G. Hostel New Building
Construction.
Site visit by students &
staff members
conducted.
24/07/23.*

Page 4 of 5


Sign. of HOD Civil
Head of Department
Dept & Civil Engineering
D.V.V.P., C.O.E., Ahmednagar




PRINCIPAL
Dr. Vitthalrao Vikhe Patil
College of Engineering
Ahmednagar

Department of Civil Engineering

Report of Event (Internship/Field Work/Industrial Visit)

Date:-16/10/2023

Time:-10.00am

Class:-S.E. Civil

Venue:-Ahmednagar

Nature of Event (Intern/FW/IV) :-Industrial Visit

Name of Company:- Meteorological Station (Jal Vigyan Kendra), Tal. Newasa, Dist. Ahmednagar.

Address of Company:- :- Meteorological Station (Jal Vigyan Kendra), Tal. Newasa, Dist. Ahmednagar.

Name of Staff and Delegates:-Prof.P.K.Bhandari, Prof.N.M.Mulik

Description of the Event: For engineering, which is a professional, practical oriented course, field visits is one of the most effective mode of education. It is the most powerful medium of exposure to industry for the students. Keeping this in mind Department of Civil Engineering organizes different site visits. As per prescribed syllabus of second year civil engineering, Savitribai Phule Pune University, Pune, visit of S.E. civil students was organized on 16th Oct.2023

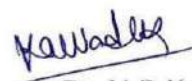
1. Objective-

- To provide an awareness about new technologies.
- To provide an exposure about industrial practices.

2. Outcomes : Students are able to

- Get exposure to current work practices
- Identify their prospective area of work.
- Enhance their interpersonal skills.

Total Number of Students Present:-40



Dr. U.R.Kawade

H.O.D (Civil)

Head of Department
Dept & Civil Engineering
D.V.V.P.,C.O.E, Ahmednagar



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D.V.V.P.,C.O.E, Ahmednagar



V. Patil
PRINCIPAL
Dr. Vitthalrao Vikho Patil
College of Engineering
Ahmednagar

Date: 05-10-2023

To:
The Principal,
DVVP COE Ahmednagar

Subject: Permission regarding Technical visit to Jal Vigyan Prakash, Newasa for SI and TE
Civil engineering students on date 16th Oct. 2023

Through: HOD Civil Engineering


Respected Sir,

With reference to above mentioned subject, it is kindly requested to provide permission for arranging Technical visit to Jal Vigyan Prakash, Newasa. Official permission for above said visit is obtained from respective authority for date 16th October 2023. Visit is part of curriculum of Fluid Mechanics course for SI Civil students and HWRE course for TE Civil students.


It is kindly requested to provide permission for visit and sanction ON Duty (OD) leave for the undersigned faculty members.

Thanking you.

Your's sincerely,


N. M. Mulik (Asst. Prof.)


P. K. Bhandari (Asst. Prof.)

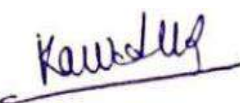

A. A. Sengupta (Asst. Prof.)

Forwarded to
The Principal
with a request
for permission
Kawale

Enclosure:
(1) Visit Permission letter

Permitted
W
05/10/23

Page 3 of 9


Sign. of HOD Civil
Head of Department
Dept & Civil Engineering
D.V.V.P., C.O.E., Ahmednagar




PRINCIPAL
Dr. Vitthalrao Vikho Patil
College of Engineering
Ahmednagar



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Dr. Vithalrao Vikhe Patil Foundation's
Dr. Vithalrao Vikhe Patil College of Engineering

Affiliated to SPPU, Pune (ID. No. PU/AN/Engg./027/(1983)
Recognized by AICTE, New Delhi & Government of Maharashtra
Accredited by NAAC with A+ Grade (3.34 CGPA) & NBA, New Delhi



Ref. No.: COEA/ Civil/ 2023/ 2822

Dt: 18-10-2023

To,
Er. Suresh Bhange,
Junior Engineer,
Jal Vidnyan Prakalp Sub-Division
Newasa


Sub.- Expression of gratitude for Technical Visit.

Dear Sir,

On behalf of Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar, we take this opportunity to extend our heartfelt gratitude for conducting Technical Visit at Jal Vidnyan Prakalp, Newasa on 16th Oct. 2023.


Let us maintain and cherish these relations for mutual benefit hence and forever.

We shall remain obliged for sparing valuable time with us.


HOD, Civil Engg.

Estd. 1983




Dr. Uday P. Naik
Principal
College of Engineering
Ahmednagar





www.enggnagar.com

principal@enggnagar.com

0241-2777296 / 2779496 / 9356164515

Vilad Ghat, Vadgaon Gupta, PO MIDC, Ahmednagar(MS) India - 414 111


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College of Engineering
Ahmednagar



Email ID:
sdehpsd.newasa@gmail.com



महाराष्ट्र शासन
जलसंपदा विभाग
उपविभागीय अधिकारी
जलविज्ञान प्रकल्प उपविभाग, नेवासा
मुळा पाट बंधारे वसाहत, मुक्तिदुपूर,
नेवासा फाटा जि. अहमदनगर, ४१४६०३



स्वातंत्र्याचा अमृत महोत्सव

दूरध्वनी क्र. ०२४२७-२९५१३८

जा. क्र. जविप्रउपवि./नेवासा/प्रशा/१९६/सन-२०२३
ईमेलद्वारे

दि. : ०५/१०/२०२३

प्रति,

प्राचार्य,
डॉ विठ्ठलराव विखे पाटील अभियांत्रिकी महाविद्यालय,
विळतघाट, अहमदनगर ता. जि. अहमदनगर.

विषय : हवामान केंद्राला येथे विद्यार्थ्यांची शैक्षणिक भेट देणे बाबत..

संदर्भ :- आपले पत्र जा क्र. CEA/Civil/Ind. Visit/२०२३/२६५३ दिनांक ०४/१०/२०२३ रोजीचे पत्र.

उपरोक्त संदर्भीय विषयानुसार नेवासा येथील हवामान केंद्रास आपल्या महाविद्यालयातील स्थापत्य अभियांत्रिकीच्या दुसऱ्या व तिसऱ्या वर्षातील एकूण ५५ विद्यार्थ्यांना सोमवार, दिनांक १६ ऑक्टोबर २०२३ रोजी दुपारी ठीक १:४५ वाजता, शैक्षणिक भेट देण्यासाठी परवानगी देण्यात येत आहे.

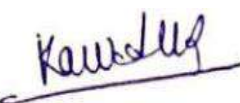
सदर भेटी दरम्यान हवामान केंद्रावरील शास्त्रीय अथवा गणितीय उपकरणांना कोणत्याही प्रकारची हानी पोहचणार नाही, याची संबंधितानी दक्षता घेण्यात यावी.

(अ.ऊ. बाजड)
उपविभागीय अधिकारी
जलविज्ञान प्रकल्प उपविभाग
नेवासा.

प्रत: मा. कार्यकारी अभियंता, जलविज्ञान प्रकल्प विभाग, छत्रपती संभाजीनगर (औरंगाबाद) यांना माहितीसाठी सविनय सादर.

पत्र: श्री. सुरेश भांगे, क. अभियंता, जलविज्ञान प्रकल्प उपविभाग, नेवासा यांनी उपरोक्त शैक्षणिक भेटीचे नियोजन करण्यासाठी रवाना.

प्रत: श्री. मोहम्मद जुबेर मोहम्मद ईस्माइल, स्थापत्य अ. सहाय्यक, जलविज्ञान प्रकल्प उपविभाग यांना पुढील कार्यवाहीसाठी रवाना.


Sign of HOD-Civil
Head of Department
Dept & Civil Engineering
D.V.V.P., C.O.E, Ahmednagar




PRINCIPAL
Dr. Vithalrao Vikho Patil
College of Engineering
Ahmednagar



Dr. Vithalrao Vikhe Patil Foundation's
Dr. Vithalrao Vikhe Patil
College of Engineering Ahmednagar



DEPARTMENT OF CIVIL ENGINEERING

Technical Visit Notice

Date: 13-10-2023

All SE and TE Civil Engineering students are hereby informed to be present for Technical visit arranged at Hydrological Center, Newasa on date **16th October 2023**. College bus will leave at 10.00 am from college. Therefore all students must be present by 9.30 am in student parking. Students must be in proper dress code along with I-card.

Kausik
HOD Civil

Page 6 of 9

Kausik
Sign. of HOD Civil
Head of Department
Dept & Civil Engineering
D.V.V.P., C.O.E., Ahmednagar



Dr. Vithalrao Vikhe Patil
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College of Engineering
Ahmednagar



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 Accredited by NAAC with A+ Grade (3.34 CGPA) & NBA, New Delhi



Date:- 04/10/2023

Ref No. CEA/Civil/Ind. visit/2023/2653

To,
 Sub Divisional Officer,
 Jal Vigyan Prkalp Vibhag,
 Newasa, Dist. Ahmednagar

Sub:- Permission to visit Jal Vigyan Prkalp

Dear Sir,

We are from Dr. Vithalrao Vikhe Patil College of Engineering, Vilad Ghat, Ahmednagar. Our institute is affiliated to Savitribai Phule Pune University, Pune and hence as per the prescribed syllabus for the Second & Third year degree Engineering students, it is mandatory to conduct a site visit to Meteorological Station/Research Station to understand the various aspects of Fluid Mechanics and H.W.R.E. subject.

Hence on behalf of DVVP COE we urge you to kindly permit us to conduct the visit at your site. We also promise to abide by your rules and maintain discipline at site. It will be lenient on our part if the visit is conducted on the mentioned date. Also we would like to request you to have one of your technical person to guide us throughout the visit.

Expected visit Date:- 20/10/2023
 Total no. of students is expected :- 55
 Total no. of staff members :- 04

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.

Thanking you,

Contact Person :-

Prof. N.M. Mulik / Prof. P. K. Bhandari
 Mb. 9766220073 / Mb. 9762529238

Yours sincerely,

(Signature)
 (Dr. Uday P. Naik)
 Principal



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principal@enggnagar.com

0241-2777296 / 2779496 / 9356164515

Vilad Ghat, Vadgaon Gupta, PO MIDC, Ahmednagar (MS) India - 414 111

Kausik

Sign. of HOD-Civil
Head of Department
Dept & Civil Engineering
D.V.V.P.C.O.E, Ahmednagar



(Signature)
PRINCIPAL
Dr. Vithalrao Vikhe Patil
College of Engineering
Ahmednagar

Attendance of students



॥ न हि ज्ञानं मृदा पवित्रमिह विद्यते ॥
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Dr. Vithalrao Vikhe Patil
College of Engineering Ahmednagar



UTE College Code: EN-5101

Technical Visit at Hydrological Research Center Newasa on 16/10/2023
SE Civil Attendance Record

Roll. No.	Name of Student	Sign
1	ADHAV AKANKSHA VILAS	Adhav
2	ADKAR SAKSHI CHETAN	Adkar
3	AMTE ADIKA KISHOR	Amte
4	ATHARE ABHISHEK	Athare
5	BELGE KRUSHNA BALASAHEB	Belge
6	BHUTKAR AKANKSHA VILAS	Bhutkar
7	BHUTKAR OM RAJESH	Bhutkar
8	DAWARE AKSHAY KAILAS	Daware
9	DHAVAN SAHIL SANTOSH	Dhavan
10	GAGAWANE JAIDNYASA KIRAN	Gagawane
11	GARJE HARSH ASHOK	Garje
12	GUJAR YASH GANESH	Gujar
13	HAJARE NILAM BAPURAO	Hajare
14	JADHAV ANANT NITIN	Jadhav
15	KALBHOR PRANAV KAILAS	Kalbor
16	KALE ASHVINI SHANKAR	Kale
17	KARANDE ABHISHEK UTTAM	Karande
18	KEDAR SHUBHAM SAMBHAJI	Kedar
19	MARKADSANSKRUTI RAJARAM	Markad
20	MUNDE PRATIKSHA MAHADEV	Munde
21	NAGARGOJE ANKITA KISHOR	Nagargoje
22	PATARE VEDANT ARVIND	Patare
23	PATEKAR PRANJAL VIJAY	Patekar
24	PAWAR ADITYA RAJENDRA	Pawar
25	PISE SAKSHI BHAUSAHEB	Pise

Kausik
Sign of HOD Civil
Head of Department
Dept & Civil Engineering
D.V.V.P.C.O.E, Ahmednagar



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PRINCIPAL
Dr. Vithalrao Vikhe Patil
College of Engineering
Ahmednagar



|| न हि ज्ञानम मरुतं धनमिति विदुः ||
Dr. Vitthalrao Vikhe Patil Foundation's
Dr. Vitthalrao Vikhe Patil
College of Engineering Ahmednagar



DTE, College Code: EN-5151

Technical Visit at Hydrological Research Center Newasa on 16/10/2023
SE Civil Attendance Record

Roll. No.	Name of Student	Sign
26	ZOND SURAJ RAJENDRA	Zond S.R.
27	GHODKE VAISHNAVI RAVINDRA	Vaishnavi
28	LANDE ROHAN SAHADEV	Rohan
29	WAVHAL GAURAV BABASAHEB	Gaurav
30	SASE DNYANESHWARI	Dnyaneshwari
31	ADEP SAKSHI RAJENDRA	Sakshi
32	CHITALKAR GANESH RAVSAHEB	Ganesh
33	BOTHE SARTHAK ASHOK	Sarthak
34	DIVTE SANSKRUTI VILAS	Sanskriti
35	FULARI TEJAS GANESH	Tejas
36	GADADE SAURABH CHAGAN	Saurabh
37	GAWANDE SONALI KEDARNATH	Sonali
38	GHADGE DEVIDAS GANESH	Devidas
39	GUDHEKAR BHAKTI ASHOK	Bhakti
40	KHAN MOHAMMAD ALI ZAHID NAZIR	Mohammad
41	KHEDKAR ANJALI LAXMIKANT	Anjali
42	KOTKAR ONKAR DATTATRAY	Onkar
43	PAWAR SAKSHI SANJAY	Sakshi
44	PAWAR DIPAK RAOSAHEB	Dipak
45	SHAIKH ABRAR ABDUL KHODOOS	Abrar
46	THOKAL ASHWINI RAMDAS	Ashwini
47	VIRKAR VAISHNAVI YOGESH	Vaishnavi
48	WARALE NIHARIKA SANJAY	Niharika
49	ZANJE VAISHNAVI BABASAHEB	Vaishnavi
50	ZANJE AARTI CHANDRAKANT	Aarti

[Signature]
Sign of Subject Teacher

[Signature]
Sign of HOD-Civil
Head of Department
Dept & Civil Engineering
D.V.V.P., C.O.E., Ahmednagar



[Signature]
PRINCIPAL
Dr. Vitthalrao Vikhe Patil
College of Engineering
Ahmednagar



॥ न हि ज्ञानेन सदृशं पवित्रमिह विद्यते ॥
Dr. Vitthalrao Vikhe Patil Foundation's
Dr. Vitthalrao Vikhe Patil
College of Engineering Ahmednagar



Department of Civil Engineering

Report of Event (Internship/Field Work/Industrial Visit)

Date:-16/10/2023

Time:-10.00am

Class:- TE Civil

Venue:-Ahmednagar

Nature of Event (Intern/FW/IV) :-Industrial Visit

Name of Company:- Meteorological Station (Jal Vigyan Kendra), Tal. Newasa, Dist. Ahmednagar.

Address of Company:- :- Meteorological Station (Jal Vigyan Kendra), Tal. Newasa, Dist. Ahmednagar.

Name of Staff and Delegates:- Prof.P.K.Bhandari, Prof.N.M.Mulik, Er. Suresh Bhange

Description of the Event: For engineering, which is a professional, practical oriented course, field visits is one of the most effective mode of education. It is the most powerful medium of exposure to industry for the students. Keeping this in mind Department of Civil Engineering organizes different site visits. As per prescribed syllabus of third year civil engineering, SavitribaiPhule Pune University, Pune. visit of T.E. civil students was organized on 16th Oct.2023 to study different components of Metrological station.

1. Objective-

- To provide an awareness about new technologies.
- To provide an exposure about industrial practices.

2. Outcomes : Students are able to

- Get exposure to current work practices
- Identify their prospective area of work.
- Enhance their interpersonal skills.

Total Number of Students Present:-18

Dr. U.R.Kawade

H.O.D (Civil)

Head of Department
Dept & Civil Engineering
D.V.V.P.,C.O.E, Ahmednagar



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College of Engineering
Ahmednagar



Kausik
Sign. of HOD-Civil
Head of Department
Dept & Civil Engineering
D.V.V.P.,C.O.E, Ahmednagar



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

Date: 05-10-2023

To:
The Principal,
DVVP COE Ahmednagar

Subject: Permission regarding Technical visit to Jal Vigyan Prakash, Newasa for SI and TE
Civil engineering students on date 16th Oct. 2023

Through: HOD Civil Engineering

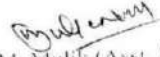
Respected Sir,


With reference to above mentioned subject, it is kindly requested to provide permission for arranging Technical visit to Jal Vigyan Prakash, Newasa. Official permission for above said visit is obtained from respective authority for date 16th October 2023. Visit is part of curriculum of Fluid Mechanics course for SI Civil students and HWRE course for TE Civil students.


It is kindly requested to provide permission for visit and sanction ON Duty (OD) leave for the undersigned faculty members.

Thanking you.

Your's sincerely,


N. M. Mulik (Asst. Prof.)


P. K. Bhandari (Asst. Prof.)


A. A. Sengupta (Asst. Prof.)

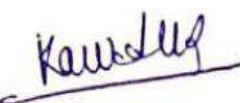
Forwarded to
The Principal
with a request
for permission
Kawale

Enclosure:
(1) Visit Permission letter

Permitted

05/10/23

Page 3 of 8


Sign. of HOD Civil
Head of Department
Dept & Civil Engineering
D.V.V.P., C.O.E., Ahmednagar




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College of Engineering
Ahmednagar



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Ref. No.: COEA/ Civil/ 2023/ 2822

Dt: 18-10-2023

To,
Er. Suresh Bhange,
Junior Engineer,
Jal Vidnyan Prakalp Sub-Division
Newasa

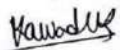
Sub.: Expression of gratitude for Technical Visit.

Dear Sir,

On behalf of Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar, we take this opportunity to extend our heartfelt gratitude for conducting Technical Visit at Jal Vidnyan Prakalp, Newasa on 16th Oct. 2023.

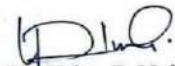
Let us maintain and cherish these relations for mutual benefit hence and forever.

We shall remain obliged for sparing valuable time with us.


HOD, Civil Engg.

Estd. 1983




Dr. Uday P. Naik
Principal
College of Engineering
Ahmednagar



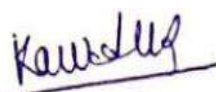


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D.V.V.P.C.O.E, Ahmednagar




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Dr. Vithalrao Vikhe Patil
College of Engineering
Ahmednagar



Email ID:
sdehpsd.newasa@gmail.com



महाराष्ट्र शासन
जलसंपदा विभाग
उपविभागीय अधिकारी
जलविज्ञान प्रकल्प उपविभाग, नेवासा
मुळा पाट बंधारे वसाहत, मुक्तिदुपूर,
नेवासा फाटा जि. अहमदनगर. ४१४६०३



स्वातंत्र्याचा अमृत महोत्सव
दूरध्वनी क्र. ०२४२७-२९५१३८

जा. क्र. जविप्रउपवि./नेवासा/प्रशा/१९६/सन-२०२३
ईमेलद्वारे

दि. : ०५/१०/२०२३

प्रति,

प्राचार्य,
डॉ विठ्ठलराव विखे पाटील अभियांत्रिकी महाविद्यालय,
विळतघाट, अहमदनगर ता. जि. अहमदनगर.

विषय : हवामान केंद्राला येथे विद्यार्थ्यांची शैक्षणिक भेट देणे बाबत..

संदर्भ :- आपले पत्र जा क्र. CEA/Civil/Ind. Visit/२०२३/२६५३ दिनांक ०४/१०/२०२३ रोजीचे पत्र.

उपरोक्त संदर्भीय विषयानुसार नेवासा येथील हवामान केंद्रास आपल्या महाविद्यालयातील स्थापत्य अभियांत्रिकीच्या दुसऱ्या व तिसऱ्या वर्षातील एकूण ५५ विद्यार्थ्यांना सोमवार, दिनांक १६ ऑक्टोबर २०२३ रोजी दुपारी ठीक १:४५ वाजता, शैक्षणिक भेट देण्यासाठी परवानगी देण्यात येत आहे.

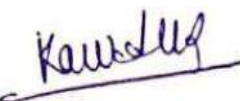
सदर भेटी दरम्यान हवामान केंद्रावरील शास्त्रीय अथवा गणितीय उपकरणांना कोणत्याही प्रकारची हानी पोहचणार नाही, याची संबंधितानी दक्षता घेण्यात यावी.

(अ.ऊ. बाजड)
उपविभागीय अधिकारी
जलविज्ञान प्रकल्प उपविभाग
नेवासा.

प्रत: मा. कार्यकारी अभियंता, जलविज्ञान प्रकल्प विभाग, छत्रपती संभाजीनगर (औरंगाबाद) यांना माहितीसाठी सविनय सादर.

पत्र: श्री. सुरेश भांगे, क. अभियंता, जलविज्ञान प्रकल्प उपविभाग, नेवासा यांनी उपरोक्त शैक्षणिक भेटीचे नियोजन करण्यासाठी रवाना.

प्रत: श्री. मोहम्मद जुबेर मोहम्मद ईस्माइल, स्थापत्य अ. सहाय्यक, जलविज्ञान प्रकल्प उपविभाग यांना पुढील कार्यवाहीसाठी रवाना.


Sign of HOD-Civil
Head of Department
Dept & Civil Engineering
D.V.V.P., C.O.E., Ahmednagar




PRINCIPAL
Dr. Vithalrao Vikho Patil
College of Engineering
Ahmednagar

DEPARTMENT OF CIVIL ENGINEERING

Technical Visit Notice

Date: 13-10-2023

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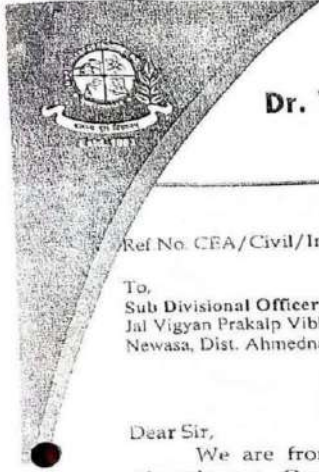
Kausik
HOD Civil

Page 6 of 8

Kausik
Sign of HOD-Civil
Head of Department
Dept & Civil Engineering
D.V.V.P., C.O.E., Ahmednagar.




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College of Engineering
Ahmednagar



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Accredited by NAAC with A+ Grade (3.34 CGPA) & NBA, New Delhi



Date:- 04/10/2023

Ref No. CEA/Civil/Ind. visit/2023/2653

To,
Sub Divisional Officer,
Jal Vigyan Prkalp Vibhag,
Newasa, Dist. Ahmednagar

Sub:- Permission to visit Jal Vigyan Prkalp

Dear Sir,

We are from Dr. Vithalrao Vikhe Patil College of Engineering, Vilad Ghat, Ahmednagar. Our institute is affiliated to Savitribai Phule Pune University, Pune and hence as per the prescribed syllabus for the Second & Third year degree Engineering students, it is mandatory to conduct a site visit to Meteorological Station/Research Station to understand the various aspects of Fluid Mechanics and H.W.R.E. subject.

Hence on behalf of DVVP COE we urge you to kindly permit us to conduct the visit at your site. We also promise to abide by your rules and maintain discipline at site. It will be lenient on our part if the visit is conducted on the mentioned date. Also we would like to request you to have one of your technical person to guide us throughout the visit.

Expected visit Date:- 20/10/2023
Total no. of students is expected :- 55
Total no. of staff members :- 04

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.

Thanking you,

Contact Person :-

Prof. N.M. Mulik / Prof. P. K. Bhandari
Mb. 9766220073 / Mb. 9762529238

Yours sincerely,

(Signature)
(Dr. Uday P. Naik)
Principal



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Head of Department
Dept & Civil Engineering
D.V.V.P.C.O.E, Ahmednagar



(Signature)
PRINCIPAL
Dr. Vithalrao Vikhe Patil
College of Engineering
Ahmednagar

Attendance of students



॥ न हि इन्द्रेण गन्तुः पवित्रमिदं विद्यते ॥
Dr. Vitthalrao Vikhe Patil Foundation's
Dr. Vitthalrao Vikhe Patil
College of Engineering Ahmednagar



Technical Visit at Hydrological Station Newasa on 16/10/2023
TE Civil Attendance Record

Roll. No.	Name of Student	Sign
1	ADSURE YASHRAJ KAILAS	
2	AUTE SHUBHANGI RAMESH	
3	BAGALE SHUBHAM DILIP	
4	SANDHYA SAMPAT D	
5	ONKAR VIJAY DHOBALE	
6	DHOBALE VEDANT R	
7	GAIKWAD DEVDATTA S	
8	GANGWAL SMIT AJAY	
9	GHUGARKAR PRATHMESH	
10	HASNALE ABHISHEK	
11	JAGTAP SAYALI A	
12	TUSHAR BHAGWAN KAKADE	
13	KALE PRATIK SANJAY	
14	KALE VISHAL ANNASAHEB	
15	OM DNYANESHWAR LAKARE	
16	MULE AKANKSHA SANTOSH	
17	ROHIT RAJENDRA MUSMADE	
18	ASHWINI CHHABAN PALVE	
19	RALEBHAT JAGRUTI S	
20	SASANE MRUNAL S	
21	NILESH VIJAY SONAWANE	
22	SONALI DEOKAR	
23	DHANARAJ BALU VITEKAR	
24	ONKAR GORAKSHA KALE	
25	SAGAR VILAS INGALE	
26	ABHISHEK R KHANDAGALE	
27	JAYDATT PRADEEP BHUJADI	

Sign of Subject Teacher

Sign of HOD-Civil
Head of Department
Dept & Civil Engineering
D.V.V.P.,C.O.E, Ahmednagar



PRINCIPAL
Dr. Vitthalrao Vikhe Patil
College of Engineering
Ahmednagar

Department of Civil Engineering

Report of Event (Internship/Field Work/Industrial Visit)

Date:- 27/10/ 2023

Time:- 10.15am

Class:-BE

Venue:- Ahmednagar

Nature of Event (Intern/FW/IV) :- Technical Visit to Hot Mix Plant

Name of Company:- GHV (India) Pvt. Ltd.

Address of Company:- Gat No.796/1, Mandavgan Phata, Solapur Road, Ahmednagar 414101.

Name of Staff:- Prof. S. N. Daule, Dr. M. P. Wagh

Name of Delegates:- Er. Sharat Sinha (Plant Head), Er. Gupta (Testing Lab I/C).

Description of the Event:- Industrial visit for subject Transportation Engineering was arranged for final year civil engineering students on 27/10/2023 to GHV (India) Pvt. Ltd Hot Mix Plant, Mandavgan Phata, Ahmednagar. The purpose of the visit was to make the students familiar with the working operations of hot mix plant and testing on bitumen and polymer mixes.

1. Objectives-

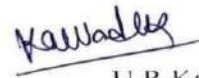
- To provide an awareness about new technologies.
- To provide an exposure about industrial practices.

2. Outcomes :

Students are able to


- Get exposure to current work practices
- Identify their prospective area of work.
- Enhance their interpersonal skills.

Total Number of Students Present:- 42



U.R. Kavade

H.O.D (Civil)
Head of Department
Dept & Civil Engineering
D.V.V.P., C.O.E, Ahmednagar



PRINCIPAL
Dr. Vitthalrao Vikhe Patil
College of Engineering
Ahmednagar

Visit Permission Letter:

Ref. No. : CEA/CIVIL/224 2809

DATE: 17/10/2023

To
GHV Hot Mix Plant,
Kokangaon,
Ahmednagar-414401.

Subject: Regarding technical visit of B. E. Civil students.

Sir,

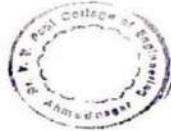
The final year students of civil engineering study the subject Transportation Engineering which includes different types of roads, soil subgrade, stone aggregates, WBM, WMM, bituminous mixes etc. So our students are eager to study pavement mixing by visiting your Hot Mix Plant and various activities during pavement construction.

Kindly permit us for technical visit and convey a suitable date. The list of students and faculty members is attached herewith.

The probable scheduled date of visit is 26/10/2023.

Thanking you.

Encl: List of students & staff



Yours faithfully,

U. P. Naik

Dr. U. P. Naik
Principal
College of Engineering
Ahmednagar

o/c
S. N. Dauls
17/10/23

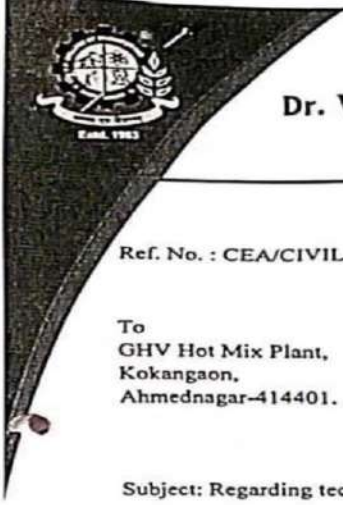
Kausik
o/c

Kausik
Sign. of HOD-Civil
Head of Department
Dept & Civil Engineering
D.V.V.P.C.O.E, Ahmednagar



U. P. Naik
PRINCIPAL
Dr. Vitthalrao Vikho Patil
College of Engineering
Ahmednagar

Visit Conduction Remark by GHV:



॥ न हि ज्ञानेन सदृशं पवित्रमिह विद्यते ॥
Dr. Vithalrao Vikhe Patil Foundation's
Dr. Vithalrao Vikhe Patil College of Engineering

Affiliated to SPPU, Pune (ID. No. PU/AN/Engg./027/(1983))
Recognized by AICTE, New Delhi & Government of Maharashtra
Accredited by NAAC with A+ Grade (3.34 CGPA) & NBA, New Delhi



Ref. No. : CEA/CIVIL/23-24/ 2809

DATE: 17/10/2023

To
GHV Hot Mix Plant,
Kokangaon,
Ahmednagar-414401.

Subject: Regarding technical visit of B. E. Civil students.

Sir,

The final year students of civil engineering study the subject Transportation Engineering which includes different types of roads, soil subgrade, stone aggregates, WBM, WMM, bituminous mixes etc. So our students are eager to study pavement mixing by visiting your Hot Mix Plant and various activities during pavement construction.

Kindly permit us for technical visit and convey a suitable date. The list of students and faculty members is attached herewith.

The probable scheduled date of visit is 26/10/2023.

Thanking you.

Yours faithfully,

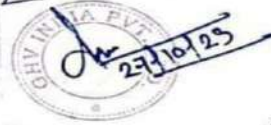

Dr. U. P. Naik

Principal,
College of Engineering
Ahmednagar

Encl: List of students & staff



4292
People

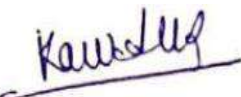


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principal@enggnagar.com

0241-2777296 / 2779496 / 9356164515

Vilad Ghat, Vadgaon Gupta, PO MIDC, Ahmednagar(MS) India - 414 111


Sign. of HOD-Civil
Head of Department
Dept & Civil Engineering
D.V.V.P.C.O.E, Ahmednagar




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College of Engineering
Ahmednagar



॥ वाचं धेनुमुपासीते ॥
Dr. Vithalrao Vikhe Patil Foundation's
Dr. Vithalrao Vikhe Patil
College of Engineering Ahmednagar



Department of Civil Engineering		
BE Civil		
Name of Subject: Transportation Engineering (401002)		
A.Y. 2023-24	Technical Visit to Hot Mix Plant	Date:
Roll No.	Name of Student	Sign. of Student
1	Baraskar Harshada Sanjay	Baraskar
2	Bhagat Pramod Mahadev	Bhagat
3	Bhagwat Samruddhi Jeevan	Bhagwat
4	Chavan vishal Bhagwan	Chavan
5	Dafal Rohan Sanjay	R. Dafal
6	Dalvi Abhishek Raju	A. R. Dalvi
7	Deshmukh Devyani Arun	Deshmukh
8	Deshmukh Aditya Anantrao	Aditya
9	Dhakane Vaishnavi Mahadeo	Vaishnavi
10	Dhade Snehal Haridas	Snehal
11	Dhawade Rohit babasaheb	Rohit
12	Dhongade Vinay Arvind	Vinay
13	Gagare Aditi Ravindra	Aditi
14	Gore Yuvraj Shivaji	Yuvraj
15	Hasnale Shraddha Raghunath	Shraddha
16	Jadhav Raviraj Mahadev	Raviraj
17	Jaware Siddesh Eknath	Siddesh
18	Kakade Tejas Tukaram	Tejas
19	Kalam Siddhant Arjun	Siddhant
20	Kale Omkar Vitthal	Omkar
21	Kale Nitin Dattu	Nitin
22	Ladage Sailee Baban	Sailee
23	Lashkare Niranjana Shashikant	Niranjana
24	Lawande Shubham Bhausaheb	Shubham
25	Malve Shubham Dattu	Shubham
26	Mhaismale Ruchita Dnyaneshwar	Ruchita
27	Mudalkar Aishwarya Popat	Aishwarya
28	Munot Akshay Vijay	Akshay
29	Patane Aditya Rajendra	Aditya
30	Patekar Nikita Shivaji	Nikita



Kausik
Sign. of HOD-Civil
Head of Department
Dept & Civil Engineering
D.V.V.P., C.O.E., Ahmednagar



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



॥ न वि ज्ञानेन मृत्युः परित्यज्यते ॥
Dr. Vithalrao Vikhe Patil Foundation's
Dr. Vithalrao Vikhe Patil
College of Engineering Ahmednagar



D.V.P. College Code: EN-1383

Department of Civil Engineering		
Name of Subject: Transportation Engineering (401002)		
A.Y. 2023-24		
Technical Visit to Hot Mix Plant		Date: 27/10/2023
Roll No.	Name of Student	Sign. of Student
31	Pawar Rohit Suresh	
32	Pawarpatil Pratik Balasaheb	
33	Sabale Kunal Raju	
34	Sase Jaydip Nanabhau	
35	Sase Shivam Parasram	
36	Sayyed Aman Arif	
37	Shaikh Ayesha Hanif	
38	Shelke Priti Sanjaykumar	
39	Todmal gaurav chandrakant	
40	Vairal Komal Sanjay	
41	Varpe Abhishek Sanjay	
42	Wagh Gaurav Devidas	
43	Zanje Revan Dnyaneshwar	
44	Zine Ankush Ramdas	
45	Jagtap Avdhoot Chandrashekhar	
46	Shelke Tushar Vitthal	
47	Shete Shreyash Pratap	
48	Thorat Samruddhi Kiran	
49	Gaikwad Saurabh Rajendra	
50	Baraskar Siddharath Dnyanshwar	
51	Dhumal Vishwajeet Appasaheb	
52	More Omkar Tukaram	
53	Unde Pratik Rohidas	
54	Sayyed Huzefa Tayyab	
55	Dhakane Vishal Dattu	
56	Kute Prashant Shankar	
Name of Staffs		
1	Prof. S. N. Daule	
2	Dr. M. P. Wagh	
3	Prof. N. M. Mutlik	

Total students present for visit = 42

S.N. Daule

Kawale



Kawale
Sign. of HOD-Civil
Head of Department
Dept & Civil Engineering
D.V.V.P., C.O.E., Ahmednagar



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

Visit Notice:



॥ न हि ज्ञानेन मर्त्यः परित्यज्यते ॥
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Dr. Vitthalrao Vikhe Patil
College of Engineering Ahmednagar

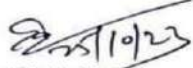



Date: 25-10-2022

CIVIL ENGINEERING DEPARTMENT

NOTICE

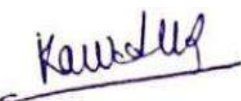
All the students of B. E. Civil are hereby informed that technical visit of subject **Transportation Engineering**, and **Air Pollution and Control** is arranged on 27th October 2023. The purpose of visit is to understand the bitumen operation system. Purpose of second visit is to understand the concept of the sugar industry, due to the sugar industry, numerous gases are emitted from the sugar industry. To know the emission of effluent and various equipment installed to collect the suspended particulate Matter (SPM). During the visit you must follow all the rules and regulation strictly. During visit you must learn the concept of working of Sugar Industry, various parameters emitted from the industry. Note down all the technical terms and prepare the visit report. College uniform (Dress Code) is mandatory to all students.


Prof. S. N. Daule
Subject Teacher


Dr. M. P. Wagh
Subject Teacher


Dr. U.R. Kawade
HOD Civil




Sign. of HOD Civil
Head of Department
Dept & Civil Engineering
D.V.V.P., C.O.E., Ahmednagar




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Dr. Vitthalrao Vikhe Patil
College of Engineering
Ahmednagar

Visit Schedule:



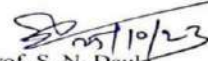
॥ न हि ज्ञानेन मृतमपवित्रमिह विद्यते ॥
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College of Engineering Ahmednagar

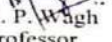


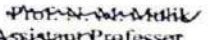
CIVIL ENGINEERING DEPARTMENT

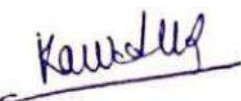
SCHEDULE OF TECHNICAL VISIT OF B.E. CIVIL

Particular	Day/Date	Time Departure	Time Arrival	Remark
Ahmednagar to GHV, Bitumen plant, Mirajgaon	27-10-2023 Friday	7.30 am	11.00 am	Bitumen plant, Mirajgaon
Bitumen plant, Mirajgaon	27-10-2023 Friday	2.00 pm	3.00 pm	Ambalika Sugar Industry Plant at Rashin
Ambalika Sugar Industry Plant at Rashin	27-10-2023 Friday	7:00 pm	9:30 pm	Return to Ahmednagar



Prof. S. N. Daule
Assistant Professor
In Civil Engineering Deptt


Dr. M. P. Wagh
Professor
In Civil Engineering Deptt


Prof. N. V. Malik
Assistant Professor
In Civil Engineering Deptt


Sign. of HOD-Civil
Head of Department
Dept & Civil Engineering
D.V.V.P., C.O.E., Ahmednagar




PRINCIPAL
Dr. Vitthalrao Vikhe Patil
College of Engineering
Ahmednagar



|| न हि ज्ञानेन मर्त्यः परित्यजित विद्यते ||
Dr. Vitthalrao Vikhe Patil Foundation's
Dr. Vitthalrao Vikhe Patil
College of Engineering Ahmednagar



UNDERTAKING FOR TECHNICAL VISIT

Date: -27-10-2023

To,
The Principal,
Dr. V. Vikhe Patil
College of Engineering
Ahmednagar

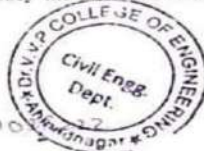
Respected sir,
I, Sailee B. Landge, studying in the B.E. Civil, allow me to take part in the industrial visit to GHV, Bitumen Plant, Kokangaon, Taluka, Karjat, District Ahmednagar, and Ambalika Sugar factory, Rashin District Ahmednagar, arranged by the Civil Engineering Department on **27th October 2023**. I assure you that I will maintain **dignity and discipline** during the industrial visit. I clearly understand that any mishaps that may affect me during the tour will not be the responsibility of the Department / College.

I shall undertake full responsibility of all the consequences should any other person or body suffer such accidents and/or personal injuries and/or damage to property as a result of my negligent act during the period of industrial tour. I further confirm that the college shall not be held responsible for my misconduct or wrongdoing at all times during the period of industrial tour and I shall obey the instructions of the faculty members who are accompanying during the industrial tour.

Thanking you,

Signature of the Parent

Parent / Guardian Contact No. 99210



Yours faithfully,

Signature of the students

Name Sailee Landge

Roll No 22



|| न हि ज्ञानेन मर्त्यः परित्यजित विद्यते ||
Dr. Vitthalrao Vikhe Patil Foundation's
Dr. Vitthalrao Vikhe Patil
College of Engineering Ahmednagar



UNDERTAKING FOR TECHNICAL VISIT

Date: -27-10-2023

To,
The Principal,
Dr. V. Vikhe Patil
College of Engineering
Ahmednagar

Respected sir,
I, Vinhal J. Dhande, studying in the B.E. Civil, allow me to take part in the industrial visit to GHV, Bitumen Plant, Kokangaon, Taluka, Karjat, District Ahmednagar, and Ambalika Sugar factory, Rashin District Ahmednagar, arranged by the Civil Engineering Department on **27th October 2023**. I assure you that I will maintain **dignity and discipline** during the industrial visit. I clearly understand that any mishaps that may affect me during the tour will not be the responsibility of the Department / College.

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Thanking you,

Signature of the Parent

Parent / Guardian Contact No. 9922 665866



Yours faithfully,

Signature of the students

Name Vinhal Dhande

Roll No 10

Kausik
Sign. of HOD-Civil
Head of Department
Dept & Civil Engineering
D.V.V.P., C.O.E., Ahmednagar



V. Patil
PRINCIPAL
Dr. Vitthalrao Vikhe Patil
College of Engineering
Ahmednagar



॥ न हि ज्ञानेन मर्त्यः परित्यज्य विद्यते ॥
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Dr. Vithalrao Vikhe Patil
College of Engineering Ahmednagar



UNDERTAKING FOR TECHNICAL VISIT

Date: -27-10-2023

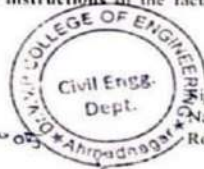
To,
The Principal,
Dr. V. Vikhe Patil
College of Engineering
Ahmednagar
Respected sir,

I, Kunal Raju Sabale, studying in the B.E. Civil, allow me to take part in the industrial visit to GHV, Bitumen Plant, Kokangaon, Taluka, Karjat, District Ahmednagar, and Ambalika Sugar factory, Rashin District Ahmednagar, arranged by the Civil Engineering Department on 27th October 2023. I assure you that I will maintain **dignity and discipline** during the industrial visit. I clearly understand that any mishaps that may affect me during the tour will not be the responsibility of the Department / College.

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Thanking you,
Signature of the Parent

Parent / Guardian Contact No. 9226275005



Kunal Raju Sabale
Yours faithfully,

Signature of the students

Name Kunal Raju Sabale
Roll No 33



॥ न हि ज्ञानेन मर्त्यः परित्यज्य विद्यते ॥
Dr. Vithalrao Vikhe Patil Foundation's
Dr. Vithalrao Vikhe Patil
College of Engineering Ahmednagar



UNDERTAKING FOR TECHNICAL VISIT

Date: -27-10-2023

To,
The Principal,
Dr. V. Vikhe Patil
College of Engineering
Ahmednagar
Respected sir,

I, Vinay A. Dhongade, studying in the B.E. Civil, allow me to take part in the industrial visit to GHV, Bitumen Plant, Kokangaon, Taluka, Karjat, District Ahmednagar, and Ambalika Sugar factory, Rashin District Ahmednagar, arranged by the Civil Engineering Department on 27th October 2023. I assure you that I will maintain **dignity and discipline** during the industrial visit. I clearly understand that any mishaps that may affect me during the tour will not be the responsibility of the Department / College.

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Thanking you,
Signature of the Parent

Parent / Guardian Contact No. 9420248917



Yours faithfully,

Signature of the students

Name Vinay A. Dhongade
Roll No 32

Kausik
Sign. of HOD-Civil
Head of Department
Dept. of Civil Engineering
D.V.V.P.C.O.E., Ahmednagar



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

Concluding Visit Remarks:

Name of Site	: GHV(India) Pvt. Ltd. Hot Mix Plant.
Address	: Mandavgan Phata, Solapur Road, Ahmednagar.
Bitumen tank capacity	: 2000 tonnes per day
Mixing drum capacity	: 1000-1500 kg
Mixing temperature of bitumen	: 160°C to 180°C
Bitumen filming time with aggregates in rotating drum	: 3 to 5 minutes
Max. bitumen used with aggregates in %	: For seal coat = 4.5%, bituminous macadam = 2.5% etc.
Bitumen using at the time of visit	: V.G.40 grade
Tests performed	1) Viscosity Test 2) Marshall Stability Test
Plant Visit guided by	: Er. Sharat Sinha (Plant Head) Er. Gupta (Testing Lab I/C)

Visit Sample Photographs:



Kausik
 Sign of HOD-Civil
 Head of Department
 Dept & Civil Engineering
 D.V.V.P.C.O.E, Ahmednagar



V.D. Patil
 PRINCIPAL
 Dr. Vitthalrao Vikhe Patil
 College of Engineering
 Ahmednagar

Visit Sample Photographs:



Kausik
 Sign of HOD-Civil
 Head of Department
 Dept & Civil Engineering
 D.V.V.P.,C.O.E, Ahmednagar



V.D. Patil
 PRINCIPAL
 Dr. Vitthalrao Vikho Patil
 College of Engineering
 Ahmednagar

DR. VITHALRAO VIKHE PATIL COLLEGE OF ENGINEERING
VILAD GHAT, AHMEDNAGAR
DEPT OF CIVIL ENGG.

CLASS-TE CIVIL

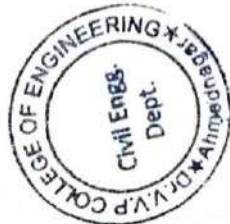
Academic Year - 2023-2024

SEMINAR

Sl. No	Roll No.	Name of the Students	Name of Guide Allotted
1	1	Adsure Yashraj Kailas	Dr.U.R.Kawade
2	2	Aute Shubhangi Ramesh	
3	3	Bagale Shubham Dilip	
4	4	Dhamane Sandhya Sampat	Dr.M.P. Wagh
5	5	Dhobale Onkar Vijay	
6	6	Dhobale Vedant R	
7	7	Gaikwad Devdatta S	Prof.P.B.Autade
8	8	Gangwal Smit Ajay	
9	9	Ghugarkar Prathmesh	
10	10	Hasnale Abhishek	Prof.S.N.Daule
11	11	Jagtap Sayali A	
12	12	Kakade Tushar Bhagwan	
13	13	Kale Pratik Sanjay	Prof.A.A.Sengupta
14	14	Kale Vishal Annasaheb	
15	15	Lakare Om Dnyaneshwar	
16	16	Mule Akanksha Santosh	
17	17	Musmade Rohit Rajendra	
18	18	Palve Ashwini Chhaban	
19	19	* Ralebhat Jagruti S	Prof.P.K.Bhandari
20	20	* Sasane Mrunal S	
21	21	* Sonawane Nilesh Vijay	
22	22	* Vidhate Siddhant M	
23	23	Vitekar Dhanaraj Balu	Prof.N.M.Mulik
24	24	Kale Onkar Coraksha	
25	25	Ingale Sagar Vilas	
26	26	Khandagale Abhishek R	
27	27	Bhujadi Jaydatt Pradeep	

Mulani

Signature of Seminar Coordinator



Kawade

Signature of H.O.D.

Head of Department
Dept & Civil Engineering
D.V.V.P., C.O.E, Ahmednagar



Dr. V.V.P.
PRINCIPAL
Dr. Vithalrao Vikhe Patil
College of Engineering
Ahmednagar

Dr. Vithalrao Vikhe Patil College of Engineering, Viladghat, Ahmednagar.

Department of Electrical Engineering

B. E. Electrical

Acedamic Year 2023-24

All the students of B.E. Electrical are hereby informed that, Project Stage-I final Exam is already scheduled on 21st September 2023. The presentation schedule & labs are given below. As all of you are aware that Project presentation & submission is a part of term work & oral. Every group must carry signed 4 Reports of your project during presentation.

Sr. No.	Project Group No	Roll No	Seat No	Name of Student	Topic	Guide	LAB
1	I	18	B190092543	PATHARE ABHISHEK VILAS	Reactive Power compensation using SVC	Dr. A. R. Laware	LAB I
2		9	B190092518	DUKALE TUSHAR BALU			
3		28	B190092561	WAIRAL RENUKA RAMDAS			
4	II	45	B190092555	TUPE VEDANT BALASAHEB	Role of Solar Energy Commertial Complex	Prof. S. K. Sheikh	
5		33	B190092553	THAKARE RAMDAS ANANT			
6		39	B190092537	KHANDARE SANKET BABAN			
7	III	38	B190092530	KAMBLE DHANANJAY SANJAY	Power factor correction in comertial unit	Prof. S. K. Sheikh	
8		43	B190092560	VYAVAHARE NIKHIL DATTATRAYA			
9		44	B190092562	WANARE ADITYA DILIPRAO			
10	IV	61	B190092535	KHAN NAMIRA	Advance Intelligent & Regenrative braking System	Prof. M. H. Nerkar	
11		3	B190092505	BHAKARE SUMIT SANTOSH			
12		16	B190092534	KAWADE SURAJ BALIRAM			
13	V	17	B190092540	KUTE SWAPNIL PARSHURAM	Study of parameters and battery management System	Prof. M. H. Nerkar	
14		30	B190092588	JADHAV SUNIL MOHAN			
15		36	B190092556	DONGARE UMESH KALYAN			
16	VI	19	B190092544	PAWAR SARTHAK RAOSAHEB	Wireless Power Transmission Advancing wireless Charging Technology	Prof. K. D. Vidhate	LAB II
17		50	B190092563	GHODECHOR AMRUTA D.			
18		49	B190092583	GAIKWAD DHANANJAY M.			
19	VII	1	B190092504	ACHALKAR VISHAL RAMESH	Solar Water Purifier Machine	Prof. K. D. Vidhate	
20		22	B190092547	SARODE ONKAR SURESH			
21		35	B190092507	BHUJBAL DNYANESHWAR BABASAHEB			
22	VIII	25	B190092551	TAKPIRE OM RAVINDRA	Wireless Electric Vehical Charging System	Prof. S. K. Awaze	
23		27	B190092552	TANDALE RUSHIKESH SURESH			
24		54	B190092615	SASANE RUSHIKESH R.			
25	IX	11	B190092523	JADHAV PRAJAKTA SANDIPKUMAR	IOT Based Solar Power Monitoring System	Prof. S. K. Awaze	
26		37	B190092524	JADHAV SHRINATH PANDURANG			
27		53	B190092613	SANAP VAIBHAV D.			
28	X	5	B190092570	BHINGARDIVE DIKSHA SUDARSHAN	IOT Based Electric Leakage Current monitoring.	Prof. G. K. Shirsat	
29		8	B190092517	DAWKHAR PRASHALI RAVINDRA			
30		29	B190092514	DANGAT ADITYA SUBHASH			
31	XI	32	B190092925	TAWALE ANAND DATTATRAY	Industrial Power Control by Integral Cycle switching without generating harmonics	Prof. G. K. Shirsat	
32		2	B190092505	ATHARE SUBODH RAM			
33		15	B190092531	KAMBLE PUNAM SANJAY			
34	XII	55	B190092502	SHIRSE VINOD MAHADEV	Auto Storage System	Prof. S. S. Mandhare	
35		56	B190092618	SONAWANE GANESH A.			

36	XIII	4	B190092503	BHATIA ABHISHEK KAUMAR PRAVEEN	Steer by wire & steering by Wire	Prof. G. B. Murade	LAB III
37		20	B190092545	PIMPALE SAKSHI PRAVIN			
38		23	B190092548	SHAIKH ALIYA GANI			
39	XIV	10	B190092519	GAIKWAD CHAITANYA VILAS	Matlab Simulation For Solar Module Range 200 to 300 watt	Prof. G. B. Murade	
40		34	B190092506	BHOKARE OMKAR RAJENDRA			
41		13	B190092526	JAWALE MAHESH RAMNATH			
42		48	B190092574	CHATE YOGESH D.			
43	XV	46	B190092529	KALE ASHUTOSH UTTAM	Speed Control of DC Motor Using PLC	Prof. R. A. Darandale	
44		47	B190092546	RAJPUT PRERNA BIPIN			
45		14	B190092528	KAKADE VAISHNAVI RAJENDRA			
46	XVI	6	B190092509	BUDHWANT AKASH RAJARAM	Smart Elevator Control Using PLC	Prof. R. A. Darandale	
47		7	B190092513	DALVI YOGITA BALU			
48		24	B190092549	SHINDE SANDHYA BABASAHEB			
49	XVII	40	B190092541	NALLA DNYANESHWAR LAXMIKANT	Home Automation using Bluetooth	Prof. S. B. Joshi	
50		41	B190092559	VIKHE KRUSHNA DILIP			
51		42	B190092558	VIKHE JALINDAR SOPAN			
52	XVIII	26	B190092620	TAMBE VIJAY ABASAHEB	Advancement & Optimization of Solar Water Pump	Prof. S. B. Joshi	
53		12	B190092525	JAGDALE PRASHANT BABASAHEB			
54		58	B190092607	PAWAR AJIT BALASAHEB			

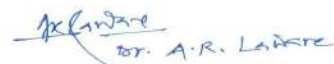
LAB I HOD Cabin (Meeting Hall)

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LAB III Basic Electrical Engineering LAB



Project & Seminar Coordinator
Electrical Engg. Dept.



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

HOD
Electrical Engg. Dept




PRINCIPAL
Dr. Vithalrao Vikhe Patil
College of Engineering
Ahmednagar

Dr. Vithalrao Vikhe Patil College of Engineering, Viladghat, Ahmednagar.
Department of Electrical Engineering

B. E. Electrical

Acedamic Year 2023-24

All the students of B.E. Electrical are hereby informed that, Project Stage-II final Exam is already scheduled on 29th June 2024. The presentation schedule & labs are given below. As all of you are aware that Project presentation & submission is a part of term work & oral. Every group must carry signed 4 Reports of your project during presentation.

Sr. No.	Project Group No	Roll No	Seat No	Name of Student	Topic	Guide	LAB
1	I	18	B190092543	PATHARE ABHISHEK VILAS	Reactive Power compensation using SVC	Dr. A. R. Laware	LAB I
2		9	B190092518	DUKALE TUSHAR BALU			
3		28	B190092561	WAIRAL RENUKA RAMDAS			
4	II	45	B190092555	TUPE VEDANT BALASAHEB	Role of Solar Energy Commertial Complex	Prof. S. K. Sheikh	
5		33	B190092553	THAKARE RAMDAS ANANT			
6		39	B190092537	KHANDARE SANKET BABAN			
7	III	38	B190092530	KAMBLE DHANANJAY SANJAY	Power factor correction in comertial unit	Prof. S. K. Sheikh	
8		43	B190092560	VYAVAHARE NIKHIL DATTATRAYA			
9		44	B190092562	WANARE ADITYA DILIPRAO			
10		61	B190092535	KHAN NAMIRA			
11	IV	3	B190092505	BHAKARE SUMIT SANTOSH	Advance Intelligent & Regenrative braking System	Prof. M. H. Nerkar	
12		16	B190092534	KAWADE SURAJ BALIRAM			
13		17	B190092540	KUTE SWAPNIL PARSHURAM			
14	V	30	B190092588	JADHAV SUNIL MOHAN	Study of parameters and battery management System	Prof. M. H. Nerkar	
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16	VI	19	B190092544	PAWAR SARTHAK RAOSAHEB	Wireless Power Transmission Advancing wireless Charging Technology	Prof. K. D. Vidhate	LAB II
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18		49	B190092583	GAIKWAD DHANANJAY M.			
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20		22	B190092547	SARODE ONKAR SURESH			
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22	VIII	25	B190092551	TAKPIRE OM RAVINDRA	Wireless Electric Vehical Charging System	Prof. S. K. Awaze	
23		27	B190092552	TANDALE RUSHIKESH SURESH			
24		54	B190092615	SASANE RUSHIKESH R.			
25	IX	11	B190092523	JADHAV PRAJAKTA SANDIPKUMAR	IOT Based Solar Power Monitoring System	Prof. S. K. Awaze	
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28	X	5	B190092570	BHINGARDIVE DIKSHA SUDARSHAN	IOT Based Electric Leakage Current monitoring.	Prof. G. K. Shirsat	
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46	XVI	6	B190092509	BUDHWANT AKASH RAJARAM	Smart Elevator Control Using PLC	Prof. R. A. Darandale	
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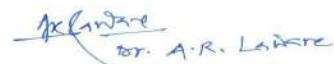
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Head of Department
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Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar
Department of ELECTRICAL ENGINEERING
INDUSTRIAL VISIT.



**“INDUSTRIAL VISIT OF SE, TE
&BE (ELECTRICAL)”**

Dated on 13th February 2024

ORGANIZED BY

DEPARTMENT OF ELECTRICAL ENGG.



Dr Vithralrao Vikhe Patil College of Engineering, Ahmednagar
Department of ELECTRICAL ENGINEERING
INDUSTRIAL VISIT.



Contents

- Details of visit
- Background
- About the Visit Coordinators.
- Communication with Industries & Permission letters.
- Program of visit
- About Industries
- Approach to Production
- Expenditure
- Student Opinion
- Vote of Thanks



Dr Vithralrao Vikhe Patil College of Engineering, Ahmednagar
Department of ELECTRICAL ENGINEERING
INDUSTRIAL VISIT.



Details of Visit

Date of Visit: 13th February 2024

Details of Industries:

400 KV RS (O&M) Division,

Babhaleshwar,

Dist.: Ahmednagar Pin:413737

Mail– ee5130@mahatransco.in

Company Profile:

Kudus Line is a 400kV overhead line with a length of 447km from Babhaleshwar, Maharashtra, India, to Kudus, Maharashtra, India.

The project, which is currently under construction, is expected to be commissioned in 2021.

Babhaleshwar – Kudus Line is an overhead line that will be operated by Maharashtra State Electricity Transmission. The line will carry alternating current (AC) through double circuit cable.

Maharashtra State Electricity Transmission Co Ltd (MSETCL) is a power transmission company that offers electricity generation and transmission services. The company offers services such as electricity supplying and distribution, power energy generation and transmission, supplier services, tendering, planning, project implementation, transmission lines and EHV substations operations, and power systems controlling, management, operation services, and others. MSETCL's also carries out power transmission network operations and management, robust transmission network establishing, communication network operations, optic fibre communication system and other related services.

All publicly-announced T&D Line & Substation projects included in this analysis are drawn from Global Data's Power IC. The information regarding the projects is sourced through secondary information sources such as country specific utility players, company news and reports, statistical organizations, regulatory body, government planning reports and their publications and is further validated through primary from various stakeholders such as power utility companies, consultants, energy associations of respective countries, government bodies and professionals from leading players in the power sector.



Dr Vithalrao Vikhe Patil College of Engineering, Ahmednagar
Department of ELECTRICAL ENGINEERING
INDUSTRIAL VISIT.



Visit Coordinators

Coordinator

- ❖ Prof.S. B.Joshi
Assistant Professor,Coordinator Electrical Industrial Visit– 2023-2024

Faculties

- ❖ Prof.S.K.Awaze
- ❖ Prof.M.H.Nerkar
- ❖ Mr. A.V.Musmade


Student Coordinators

Boys Coordinator

- ❖ Mr.Kawade Suraj
- ❖ Mr.Bhudhwant Akash

Girls Coordinator

- ❖ Mrs.Shinde Sandya
- ❖ Mrs.Fulsundar Shruti


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
Department of ELECTRICAL ENGINEERING
INDUSTRIAL VISIT.



Permission letter

॥ न हि ज्ञानेन सदृशं पवित्रमिह विद्यते ॥
Dr. Vithalrao Vikhe Patil Foundation's
Dr. Vithalrao Vikhe Patil College of Engineering
Affiliated to SPPU, Pune (ID. No. PU/AN/Engg/027/(1993)
Recognized by AICTE, New Delhi & Government of Maharashtra
Accredited by NAAC with A+ Grade (3.34 CGPA) & NBA, New Delhi

Ref.No. CEA/Elect/2024/ 303

Date: 31/01/2024

To,
The Superintending Engineer,
EHV O & M Circle,
MSETCL,
Nashik

Sub:- Regarding Permission for Educational visit to 400 KV RS (O&M) Division,
Babhaleshwar on 9th Feb. 2024

Dear 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 four years of Engineering degree course in five disciplines i.e. Civil, Mechanical, Electrical, Electronics and Telecommunication and Information Technology & Civil and Mechanical Engg. Post graduate in which industrial visit is a part of syllabus as per University curriculum.

It is now requested that permission to be granted for 60 students of TE & BE Electrical Engineering accompanied with 4 staff members. The visit may be scheduled preferably on 9th Feb. 2024. 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

Prof. A.R.Laware
HOD
Electrical Engg

Visit In charge
Prof. Ms.M.H.Nerkar
Prof. Ms.S.K.Awaze

Visit Coordinator
Prof. S. B. Joshi

NAAC A+ Grade

0241-2777296 / 2779496 / 8356164515



Dr VithralraoVikhePatil College of Engineering, Ahmednagar
Department of ELECTRICAL ENGINEERING
INDUSTRIAL VISIT.



StudentList:-

Dr. Vithalrao Vikhe Patil College of Engineering, Vilad Ghat, Ahmednagar			
DEPARTMENT OF ELECTRICAL ENGINEERING			
Academic Year 2023-24			
Industrial Visit to Babhaleshawar 400 kV			
Sr No.	Roll No.	Name of Students	Class
1	16	Kawade suraj	BE
2	09	Dukale Tushar	BE
3	44	Wanare Aditya	BE
4	06	Budhawant Akash	BE
5	18	Pathare Abhishek	BE
6	24	Sandhya Shinde	BE
7	07	Yogita Dalvi	BE
8	05	Bhingardive Diksha	BE
9	15	Kamble punam	BE
10	14	Kakade Vaishnavi	BE
11	08	Dawkar Prashali	BE
12	11	Jadhav Prajka	BE
13	53	Sanap Vaibhav	BE
14	45	Tupe Vedant	BE
15	39	Kandare Sanket	BE
16	37	Jadhav Shreenath	BE
17	33	Thakre Ramdas	BE
18	36	Donge Umesh	BE
19	10	Gaikwad Chaitanya	BE
20	13	Jawale Mahesh	BE

Signature of the student
13.02.24



Dr Vithralrao Vikhe Patil College of Engineering, Ahmednagar
Department of ELECTRICAL ENGINEERING
INDUSTRIAL VISIT.



21	43	Shaikh Mohamad	RE	
22	14	Ashutosh Joshi	TE	
23	25	Navgire Nikita	TE	
24	31	Shelke Sarika	TE	
25	26	Patekar Pratiksha	TE	
26	37	Udmale Sanika	TE	
27	02	Bhusa pracheta	TE	
28	29	Shaikh Mubin	TE	
29	22	Mulay Harsh	TE	
30	17	Karad Abhishek	TE	
31	01	Aute Ganesh	TE	
32	18	Khandagale Dipak	TE	
33	38	Wagh Pravin	TE	
34	22	Waghade Sai	TE	
35	06	Karad Adesh	SE	
36	08	Patil Vishal	SE	
37	30	Fulaounder Shruti	SE	
38	02	Pratiksha Deshmukh	SE	
39	13	Rashinkar Diksha	SE	
40	17	Thange Suyash	SE	
41	19	Waghmode Tejaswini	SE	
42	27	Gangode Prathamesh	SE	
43	18	Waghmare Achal	SE	
44	29	Shaikh Aasim	SE	
45		Prof . M.H. Nerkar		
1		Prof. S.K.Awaze		
2		Lab Tech. A.V.Musmade		
3				
46	29	Dangat Aditya		

47	19	Vikhi Sase	<u>spare</u>
48	3	SANKET FUGE	<u>spare</u>
49	17	Prangana sandip	<u>spare</u>
50	3	Bowen Saurabh	<u>spare</u>
51	13	Ashish Jaiswal	<u>spare</u>
52	4	Nalla Dnyaneshwar	<u>spare</u>
53	3	Saurabh udit	<u>spare</u>
54	35	Satyamdal tiwari	<u>spare</u>
55	02	Atharve subodh	<u>spare</u>
56	28	Shweta Afija	<u>spare</u>
57	1	Rushikesh Ghanwat	<u>spare</u>

$$57 - 2 = \underline{\underline{55}} \text{ (present)}$$

Total Student- 55

Total Staff Member-03



Dr Vithralrao Vikhe Patil College of Engineering, Ahmednagar
Department of ELECTRICAL ENGINEERING
INDUSTRIAL VISIT.



Photography

Photo's in /400KV RS (O&M) Division, Babhaleshwar,





Dr Vithralrao Vikhe Patil College of Engineering, Ahmednagar
Department of ELECTRICAL ENGINEERING
INDUSTRIAL VISIT.



Photo'sin/400KV RS (O&M) Division, Babhaleshwar,





Dr Vithralrao Vikhe Patil College of Engineering, Ahmednagar
Department of ELECTRICAL ENGINEERING
INDUSTRIAL VISIT.



SE, TE & BE INDUSTRIAL VISIT
STUDENT UNDERTAKING

I Undersign Mr./Miss

Students SE, TE&BE

Electrical Branch under take to full fill requirement of college towards maintaining the discipline during the visit. I will not participate into any undesirable activity which will cause problem for me also for others, I shall show due respect to staff members. I shall be responsible for my misbehavior. It is the right to higher authority to take any action against me if found guilty/ any misbehavior activity.

Place of Visit:

400KV RS (O&M)

Division,

Babhaleshwar

Date of Visit:

13/02/2024

Thanking You,

Yours Faithfully



Dr Vithralrao Vikhe Patil College of Engineering, Ahmednagar
Department of ELECTRICAL ENGINEERING
INDUSTRIAL VISIT.



Student Opinion

Miss.SandyaShinde

We really had a great time during visit hours. We had enjoyed the hours we spent on the visit. Also we got known about the plant formats of their workings etc.

Mr.Sanap Vaibhav

Fantastic tour, awesome memories & unforgettable footprints in my mind ever so. This trip brought us together and helped to understand teacher student relationship.

Mr.Mulay Harsh

The most I like about the visit was the conclusion of the industrial visit told by coordinator Sir to me.

Miss. Shelke Sarika

It was one of the memorable visit which I had and it was really a pleasure to have such a wonderful industrial visit. We had many opportunities to have practical knowledge about many things related to the technology and day to day life. We have visited many holy places and very wonderful feelings after visiting temple. I thank our teachers for arranging such a trip.

Mr.Thange suyash

The most interesting thing about the visit was we got a chance to visit PLC unit from inside. The Plant was good and we got practical knowledge there.



Dr Vithalrao Vikhe Patil College of Engineering, Ahmednagar
Department of ELECTRICAL ENGINEERING
INDUSTRIAL VISIT.




Vote of Thanks

We would like to thank our principal Dr.UdayP.Naik, PDVVPCOE, Ahmednagar, HOD Electrical engineering Department, Dr. A. R. Laware Sir for giving us the opportunity to go for such an unforgettable technical visit. So we would like to thank to all who help us in every manner to make this visit successful. We would also like to thanks visit incharge Mrs.M.H.Nerkar and staff S.K.Awaze, Mr.A.V.Musmade.

Now, special thanks to. 400KV RS (O&M) Division, Babhaleshwar, for their support, and all information about generation of electricity which made visit memorable.

Industrial Visit Co-ordinator


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




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College of Engineering
Ahmednagar



॥ 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. Lakare
PRINCIPAL
Dr. Vithalrao Vikhe Patil
College of Engineering
Ahmednagar

Dr. A.R. Lakare
Head of Department
Dept. of Electrical Engg.
P.D.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,

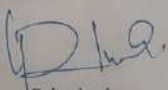
Dr. Vithalrao Vikhe Patil College of Engineering was established in 1983 and is approved by AICTE New Delhi, Govt. of Maharashtra and affiliated to University of Pune. The college provides Engineering under graduation course in Civil, Mechanical, Electrical, Electronics & Telecommunication, Information 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 03rd 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.


Visited BE Electrical
45 student with
2 staff members

Your sincerely

Principal
College of Engineering,
Ahmednagar.


for
Deputy Engineer 21/11/23
M.I.D.C., E&M Sub Division,
Ahmednagar.


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




PRINCIPAL
Dr. Vithalrao Vikhe Patil
College of Engineering
Ahmednagar

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	<i>Abhishek</i>
2	Bhikavant Akash Rajaram	06	<i>Akash</i>
3	Dalvi Yogita Balu	07	<i>Yogita</i>
4	Kamble Punam Sanjay	15	<i>Punam</i>
5	Shinde Sandhya Babasaheb	24	<i>Shinde</i>
6	Pimple Sakshi Pravin	20	<i>Sakshi</i>
7	Bhatiya Abhishek	04	<i>Abhishek</i>
8	Wairao Renuka Ramdas	28	<i>Wairao</i>
9	Sonop Vaibhav Dinkar	53	<i>Vaibhav</i>
10	Jadhav Shrinath Pandurang	37	<i>Shrinath</i>
11	Umesh Kalyan Dangore	36	<i>Umesh</i>
12	Thakare Ramdas Anant	33	<i>Ramdas</i>
13	Pawar Ajit Balasaheb	58	<i>Ajit</i>
14	Jawale Mahesh Ramnath	13	<i>Mahesh</i>
15	Jadhav Prajita	11	<i>Prajita</i>
16	Aliya Shaikh Gani	23	<i>Aliya</i>
17	Diksha Bhigardave	05	<i>Diksha</i>
18	Prashali Dawkar	08	<i>Prashali</i>
19	Athare Subodh	02	<i>Subodh</i>
20	Bhakate Sumit Santosh	03	<i>Sumit</i>
21	Gaikwad Chaitanya	10	<i>Chaitanya</i>
22	Nalla Dnyaneshwar Olaxmikant	40	<i>D. Nalla</i>
23	Kharadane Sanket Baban	39	<i>Sanket</i>
24	Kute Sagaril Panduram	17	<i>Sagaril</i>
25	Kale Ashutosh Uttam	56	<i>Ashutosh</i>
26	Sasane Rushikesh Ramesh	54	<i>Rushikesh</i>
27	Tandale Rushikesh Suresh	27	<i>Tandale</i>
28	Vikhe Jalindar Sagar	42	<i>Jalindar</i>
29	Dangat Aditya	29	<i>Aditya</i>
30	Dukale Tushar	09	<i>Tushar</i>
31	Samle Aman	21	<i>Aman</i>
32	Kakde Vaishnavi	14	<i>Kakde</i>
56	Ganesh Sonawane	56	<i>Ganesh</i>
55	Vinod Shirse	55	<i>Vinod</i>

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

Dr. A.R. Lakare

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



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

Visit Photographs:-



A.R. Laware
 Dr. A.R. Laware
 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

Dr. Vithalrao Vikhe Patil College of Engineering, Viladghat, Ahmednagar.
Department of Electrical Engineering

S. E. Electrical

Acedamic Year 2023-24

Date:-12/04/2024


All the students of S.E. Electrical are hereby informed that, Project Based Learning final Exam is scheduled on 15th April 2024. The presentation schedule & labs are given below. As all of you are aware that Project presentation & submission is a part of term work. Every group must carry signed 2 Project Based Learning Reports of your project during presentation.

Sr. No.	Project Group No	Roll No	Seat No	Name of Student	Topic	Incharge	LAB
1	I	1	S190092508	BHANGARE SANDIP KALU	DC to DC Converter	Prof. S.S. Mandhare Prof. R. A. Darandale	Computer
2		29	S190092502	SHAIKH AASIM RIYAJODDIN			
3		25	S190092510	BHUJBAL UMESH BAPU			
4	II	12	S190092560	PAWAR SARTHAK SHARAD	Locker Security Alarm System	Prof. S.S. Mandhare Prof. R. A. Darandale	
5		30	S190092522	FULSOUNDAR SHRUTI ATUL			
6		18	S190092587	WAGHMARE ACHAL ARVIND			
7	III	38	S190092525	GANGODE PRATHAMESH RAGHUNATH	Security Alarm System Using IR Sensor	Prof. S.S. Mandhare Prof. R. A. Darandale	
8		43	S190092521	FUGE SANKET BHAGACHAND			
9		44	S190092567	SASE NIKHIL BALASAHEB			
10		16	S190092578	SONAWANE SURAJ SUNIL			
11	IV	2	S190092515	DESHMUKH PRATIKSHA PRABHAKAR	Implementation of Alarm System on Breadboard	Prof. S.S. Mandhare Prof. R. A. Darandale	Computer
12		26	S190092512	BORUDE PREETI BANSI			
13		9	S190092556	PATIL SAKSHI AVINASH			
14		13	S190092562	RASHINKAR DIKSHA ANIL			
15	V	22	S190092586	WAGHADE SAI SATISH	Door Intrusion Detection System	Prof. S.S. Mandhare Prof. R. A. Darandale	
16		15	S190092573	SHEJUL RAMHARI DADASAHEB			
17		8	S190092557	PATIL VISHAL JANARDHAN			
18		6	S190092540	KARAD AADESH SHARAD			

LAB Computer Lab



PBL Incharge
Electrical Engg. Dept.


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

HOD
Electrical Engg. Dept.




PRINCIPAL
Dr. Vithalrao Vikhe Patil
College of Engineering
Ahmednagar



Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar

Department of Electrical Engineering



Class:-- T.E. Electrical

Date:- 22/09/2023

AY- 2023-24

Seminar Titles


Roll. No.	Name of Student	Seminar Title	Guide
1	AUTE GANESH DNYANESHWAR	Power Grid System	Dr. A. R. Laware
2	BHUSA PRACHETA CHANDRASHEKAR	Wireless Electricity	
3	DATIR SAURABH NANA	IOT Based weather Monitoring system	
6	GORE MANISH RAKHAMAJI	Classification of Faults in Transmission Line	Prof. S. K. Sheikh
7	GORE SHRUTIKA PANDURANG	Renewable and non-Renewable Energy systems	
8	GUND DNYANESHWAR BABASAHEB	Cloud Computing	
13	JAISWAL ASHISH SANJAY	under water windmill	Prof.Mrs.K.D.Vidhate
14	JOSHI ASHUTOSH ANIL	Electric Drive	
15	KAIDAKE PRATIK DATTATRAY	Fly wheel energy generation system	
17	KARAD ABHISHEK HARIDAS	Hybrid in venter with Solar Battery changing	Prof. R.A.Darandale
18	KHANDAGALE DEEPAK SANJAY	I-Twin limitless Pen drive Technology	
19	KSHIRSAGAR SUSHANT JAYRAM	Power Grid System	
20	MOHARKAR DINESH SANJAY	Automatic Brightness Adjustment Using IOT	Prof. S.K.Awaze
22	MULAY HARSH HEMANT	Smart Street Light Management system	
23	MURUMKAR AKANKSHA CHANDRAKANT	Arduino Based Underground Cable Fault Detection.	


24	NAGARALE SRUSTI BALASO	PLC Based fire Detection and Alarm System	
26	PATEKAR PRATIKSH DAVID	IOT Based wather monitoring system	
29	SHAIKH MUBIN JAKIR	Battery Management system in Li-Ion Battery	Prof. G. B. Murade
30	SHAIKH MOIN IQBAL	Solar Power Plant	
31	SHELKE SARIKA BHAUSAHEB	cloud computing	
32	SHINDE VAISHALI VITTHAL	IOT Based home Automation system	Prof. S. B. Joshi
35	TIWARI SATYAMLAL LAXMAN	Hyperloop	
36	UCHIT SAURABH SUNIL	GSM Based solar field monitoring for Faud Analysis	
37	UDMALE SANIKA SUDAM	Classification on Favits on Transmission line	Prof. S. S. Mandhare
38	WAGH PRAVIN NAVNATH	Renewable Energy Sources	
39	WARE AMOL HARIBHHAU	IOT Based Home Automation System	
40	KHAMKAR ROHIT RAJENDRA	PLC based fire detection and alarm system	
43	SHAIKH MOHAMMAD TALHA ASIF	Non-contact Voltage Tester	



Prof. G. K. Shirsat
Project & Seminar Coordinator




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.

HOD
Electrical Engg. Dept

List of Projects Stage I, II with Guides
Academic Year 2023-24 (B.E.)

Group No.	Name of Students	Title of Project	Name of Guide
1	Bhagat Rahul Sadashiv	QUADCPTR	Prof. Nilkanth M. Deshpande
	Mane Tushar Machindra		
	Teke Rutika Rajendra		
2	Telore Sarika Sudarshan	Ration Distribution System	Prof. Amol R. Landge
	Bhosale Dipali Subhash		
	Adsure Abhijeet Haridas		
3	Sayyed Simran Shahahmed	Voice Controlled Spy Robot	Dr. Anita K. Patil
	Wakale Bhakti Ganesh		
	Musani Musazmat Afzal		
4	Auti Snehal Santosh	Object Sorting Automation System	Prof. Manoj B. Avhad
	Lad Shivani Adinath		
	Khamkar Mahesh Kailas		
5	Ghorpade Tushar Nitin	Microcontroller Based Single Phase Power Guard	Prof. Nilkanth M. Deshpande
	Nanavare Nikhil Sudhir		
	Sase Vikram Shahaji		
6	Malpure Mayuri R.	GAS Leakage Detection with Home Safety	Prof. Manoj B. Avhad
	Boga Pratik S.		
7	Markad Shital Rajendra	QUADCPTR	Dr. Sandip R. Udawant
	Pardeshi Pooja Kishor		
	Vyavahare Shraddha Minanath		
8	Belote Bhagyashree Nityanand	Voice Activated smart lab Rubica	Dr. Sandip R. Udawant
	Shinde Shruti Rajendra		
	Godase Onkar Ramdas		
9	Pawar Amol Vitthal	Finger Print based ATM	Prof. Amol R. Landge
	Pawar Laxman Bhaskar		
	Survade Sneha P.		
10	Jedhe Atharv Shankar	Smart Shopping Trolley	Prof. Chaitnya K. Kalawade
	Jawale Rutuja Nandu		
11	Wandhekar Saurabh Sambhaji	Automatic bottle filling and capping using PLC (Sponsored)	Dr. Aniket U. Vikhe
	Pote Ganesh Dattatraya		
	Gaikwad Mayur Kailas		
12	Bhandwalkar Vaibhav A.	Fire Fighting Robot	Prof. Chaitnya K. Kalawade
	Bramhadandi Swapnil V.		
13	Dhotre Shweta R.	Food Delivery using	Dr. Anita K. Patil

	Kamble Siddhant R.	Robot	
14	Vaishnavi Gaikwad Komal Mane	Smart Attendance system using facial recognition	Prof. Jyoti P. Botkar
15	Chavan Sairaj P. Pagawad Onkar V.	IOT based Smart Garbage Monitoring & Management System	Prof. Jyoti P. Botkar

Botkar

Prof. J.P. Botkar
Project Coordinator



Patil

Dr. A.K. Patil

Head of Electronics & Telecommunication Dept.
P.D.V.V.P. College of Engineering
Vilad Ghat, Ahmednagar-414111

Dr. Vitthalrao Vikhe Patil College of Engineering Ahmednagar

Department Of Electronics & Telecommunication Project Based Learning 2019 Pattern Semester -II

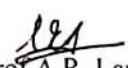
List of final project groups and Topics

Group no	Roll No	Name of students	title	Name of Guide
1	64	Gadge Rushikesh D	Industry 4.0	Dr.A.K.Patil
	65	Gadge Aniket N.		
	70	Kolhe Anand A		
2	56	Walzade Aditya H.	Smart Traffic control System using Arduino	Dr.A.K.Patil
	35	Nedre Dattatray R.		
	41	Sadafal Krushna S.		
	59	Hodgar Rohan P		
3	20	Jadhav Nikhil D.	Agricultural technology	Dr.A.K.Patil
	12	Dhangar Yadnyesh		
	30	Kulkarni Shubham M		
	16	Gudgal Aniket		
4	08	Chipade Sanket B.	Blue Brain	Dr.A.K.Patil
	50	Shinde Sushant P.		
	44	Saundore Sachin B.		
	37	Patole Mayur R		
	57	Wavhal Rohan G.		
5	11	Dhamak Gayatri H.	Smart Dustbin using IOT	Dr.A.K.Patil
	09	Dahatonde Komal A.		
	17	Guldagad Tanishka S		
6	45	Sayamber Rutuja M.	IOT based sound pollution monitoring system	Dr.A.K.Patil
	60	Gadhawe Jayesh V.		
	31	Kulkarni Yashwanta		
7	13	Dhaytadak Sakshi S.	Air water Pollution Sensing Smart watch	Dr.A.K.Patil
	19	Jadhav Shubhangi R.		
	39	Pawar Vaishnavi R.		
8	48	Shinde Tejas Dilip	Robotic arm for industrial applications	Prof. A.R.Landge
	03	Bhalerao Tushar V.		
	05	Bhosale Pushpak A.		
	61	Bhanuse Kaushik V.		
	18	Hadule Sakshi S.		
9	04	Bhos Aniket V.	Plant irrigation system	Prof. A.R.Landge
	14	Gadhawe Pritam		
	15	Ghorpade Abhijit K.		

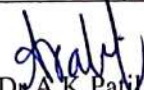
Dr. Vithalrao Vikhe Patil College of Engineering Ahmednagar

Department Of Electronics & Telecommunication Project Based Learning 2019 Pattern Semester -II

10	28	Kolhe Rutuja	SMS Voting system	Prof. A.R.Landge
	29	Kotkar Snehal		
11	27	Kharmale Bhakti G.	Artificial Intelligence based Home security System	Prof. A.R.Landge
	55	Wagh Yashada R.		
	32	Kulkarni Sakshi V		
12	49	Shinder Viraj B.	Fire alarm system	Prof. A.R.Landge
	51	Shirsat Vivek M.		
	42	Sangale Tushar N.		
	06	Bhusari Ram D.		
13	46	Saykad Anjali S.	Coin insertion based mobile charging system	Prof. A.R.Landge
	01	Bargaje Rohini H.		
	23	Kadam Kajal S.		
14	21	Jadhav Shital S	Solar Power System	Prof. A.R.Landge
	67	Ghuge Priyanka S.		
	62	Beedkar Rutuja J.		
15	33	Lambrud Mangesh H.	Water tank level indicator	Prof. A.R.Landge
	22	Japkar Saurabh R.		
	58	Gagare Nikhil M.		
16	74	Varpe Pooja D.	Railway Track pedestrian crossing between platform	Prof. A.R.Landge
	69	Jagtap Dipali A.		
	66	Gaikwad Kalyani S.		
	71	Sadaphule Prajka P.		
17	73	Sonawane Vishnavi N.	USB MP3 Player	Dr.A.K.Patil
	63	Bhand Shraddha V.		
	72	Shinde Sakshi S.		
18	36	Parkhe Ashwini P.	Wireless Petroleum Level measurement using Digital Sensor	Dr.A.K.Patil
	38	Pawar Divya S.		
19	53	Varat Prajka C.	Bio Battery	Prof. A.R.Landge
	34	Nagare Priyanka S.		
	26	Kharat Prajka R.		
	43	Sathe Nikita B.		


Prof. A.R. Landge
Co-ordinator




Dr. A.K. Patil
H.O.D.
Head of Electronics & Telecommunication Dept.
P.D.V.V.P. College of Engineering
Vilad Ghat, Ahmednagar-414111

Dr. Vithalrao Vikhe Patil College of Engineering Ahmednagar

Department of Electronics and Telecommunication Third Year Mini Project

Date:06/03/2024

Roll No.	Name	Project Title	Guide
27	Kharmale Bhakti Ganesh	Object detection using proximity sensor	Prof. A.R.Landge
22	Kadam kajal sanjay		
18	Hadule sakshi savkar		
01	Bargaje Rohini Harishchandra	Burglar alarm using contactless sensor	Dr. A.U. Vikhe
05	Bhosale Pushpak Ashok		
03	Bhalerao Tushar Vikas		
54	Pawar Vaishnavi Rangnath	Door Bell Using Infrared sensor	Dr. A.K.Patil
56	Ghugre Priyanka Suresh		
64	Jadhav Shital Shivaji		
11	Dhayatadak Sakshi Somnath	Water Level Controller	Prof. A.R.Landge
29	Kulkarni Sakshi Vitthalrao		
19	Jadhav Shubhangi Rajendra		
31	Lambrud Mangesh Haribhau	Object Counting With Embedded process	Dr. A.U. Vikhe
20	Jadhav Nikhil Dilip		
30	Kulkarni Shubham Mahendra		
28	Snehal Kotkar	Home Automation Using Sound	Prof. A.R.Landge
26	Rutuja Kolhe		
	Nishigandha Kakde		
10	Dhangar Yadnyesh Kailas	White Line Following Robot	Dr. A.K.Patil
16	Gudgal Aniket Navnath		
57	Japkar Saurabh Rajendra		
33	Jadhav Gaurav Ramesh	Burgler alarm using contact sensor	Dr. A.K.Patil
38	Saykad Anjali Shriram		
39	Shinare Tejas Dilip		
61	Rutuja M Sayamber	Laser Home Security System	Dr. A.U. Vikhe
47	Wagh Yashada		
06	Boob Gayatri		
17	Guldagad Tanishka S	Automatic Fire Extinguisher	Prof. A.R.Landge
08	Komal Dahatonde		

09	Gayatri Dhamak		
34	Ashwini Pakhare	RPM Counter Using Arduino and IR sensor	Dr. A.K.Patil
60	Nikita Sathe		
64	Mehvish Shaikh		
49	Bhanuse Kaushik	Smart Dustbin	Dr. A.U. Vikhe
50	Pritam Gadhave		
55	Bhos Aniket		
14	Gaikwad Kalyani	Pulse Oximeter	Dr. A.U. Vikhe
02	Beedkar Rutuja		
15	Ghorpade Abhijeet		
52	Jagtap Dipai	Automatic Plant Irrigation System	Dr. A.K.Patil
04	Bhand Shraddha		
62	Swamini Darwade		
12	Gadge Aniket	Wireless Power Transfer	Prof. A.R.Landge
27	Kolhe Anand		
13	Gadge Rushikesh		
59	Ram Bhusari	Wireless Power Transfer	Dr. A.U. Vikhe
42	Viraj Shinde		
52	Vivek Shirsath		
48	Walzade Aditya	Propeller LED Clock	Dr. A.K.Patil
33	Nedre Dattatray		
53	Hodgar Rohan		
45	Varpe Pooja	Automatic Gate Opening Using RFID	Dr. A.U. Vikhe
36	Sadaphule Prajakta		
43	Sonawane Vaishnavi		
07	Chipade Sanket	Magnet And Metal Detector	Prof. A.R.Landge
35	Patole Mayur		
37	Sachin Saundore		


Dr. A.U. Vikhe
Mini Project Coordinator




Dr. A.K. Patil
Head of Electronics & Telecommunication
P.D.V.P. College of Engineering
Viled Ghat, Ahmednagar-414 111



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

Dr. Vitthalrao Vikhe Patil
College of Engineering Ahmednagar



DTE College Code: EN-5161

Department of Electronics & Telecommunication

Date: 17/10/2023

Notice

All TE Students hereby informed that, Electronics and Telecommunication Department are going to organize Industrial Visit to **Exide Industries** and **Epitome Components Ltd.** on **19/10/2023** at 10 am at **Exide Industries** and 2 pm at **Epitome Components Ltd.** respectively.

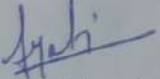
The Industrial visit is as per the curriculum of SPPU under the syllabus of **Skill Development**. The Objective of an industrial visit is to provide students with an insight into the corporate world.

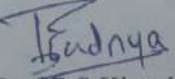
The Students should directly report at company Location in college Uniform along with their ID card by their own as address is mention below:

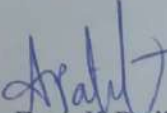
Exide Industries- Plot No. E-5, MIDC, Ahmednagar 414 111.

Epitome components Ltd.- G-17, MIDC, Ahmednagar 414 111.

Note: This visit is compulsory to all TE students as Term Work marks will be given as per attendance.


Prof. Lokhande J A
Staff Member


Prof. P. S. Kharde
Staff Member


Dr. A. K. Patil
Head E&TC

Date: 1st Oct 2022

To,

The H.R Manager,

Exide Industries

MIDC,

Ahmednagar

Subject: Requesting permission for Industrial Visit

Dear Sir/Madam,


Dr. Vitthalrao Vithal Patil College of Engineering was established in 1981 and is approved by AICTE New Delhi, Govt. of Maharashtra and affiliated to University of Pune. The College provides first year of Engineering degree course in seven disciplines i.e. Civil, Mechanical, Electrical, Electronics & Telecommunication technology, Information technology, Computer Science & Design, Computer Engineering. First semester in which industrial visit is a part of syllabus as per university curriculum.

It is now requested that permission to be granted for 40 students of EE Electronics & Telecommunication Engineering accompanied with 3 staff members. Visit is related to Battery maintenance service, Battery servicing and Battery Monitoring system. The visit is scheduled on 28th Oct 2022. 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.

Yours faithfully,


(Dr. Vitthalrao Vithal Patil)
Principal

*Approved
for permission
Staff
Principal*

Date: 18/10/2023

To,
The Principal
DVVP, COE
Ahmednagar

Subject: Regarding Permission to avail Bus Facility for Industrial Visit on 19th Oct 2023 at 10.00 am

Respected Sir,

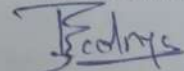
With reference to above mentioned subject, Department of E&TC organizing Industrial Visit to the Exide Industries, MIDC Ahmednagar and Epitome Component Ltd. MIDC, Ahmednagar for TE E&TC students on 19th Oct 2023 at 10.00 am.

There are some Hostel students travelling, so there is need of bus facility as they are facing problem to reach company location.

So, Kindly grant permission for Bus Facility to and fro from College to Company location.

Thanking you.

Yours Faithfully,



Prof. P.S. Kharde

(Assistant Professor)

*Forwarded to Principal
for approval please
Habit
18/10/2023*

*Permitted
h
18/10*

Industrial Visit No.:01

Academic Year: 2023-2024

Semester I

Date: 19/10/2023

Class: TE

Subject: Skill Development

No. of Students present: 54

Name of Company/ Site Visited:

1. Exide Industries

MIDC, Ahmednagar

Objectives:

1. An opportunity to get exposure Indian multinational storage battery manufacturing company. It is the largest manufacturer of lead-acid storage batteries and power storage solutions provider in India.
2. Opportunity to get the senior functional experts / supervisors to explain about the professional technical Excellence in the field of Battery management system (BMS) is technology dedicated to the oversight of a battery pack, which is an assembly of battery cells.
3. To understand the end-to-end process at all levels.
4. Expert briefing about the wide range of products of the company.
5. Opportunity to have a face to face session with technical or administrative experts of the organization to ask questions and clarify doubts.
6. Opportunity to understand the policies in terms of production, quality, and service management
7. Increase Practical knowledge of Batteries Manufacturing.
8. Acquaint Students with Interesting Facts and Newer Technologies.
9. Makes students aware with most advanced machineries used in Battery manufacturing industry.
10. Practical application of instruments handled during course curriculum.

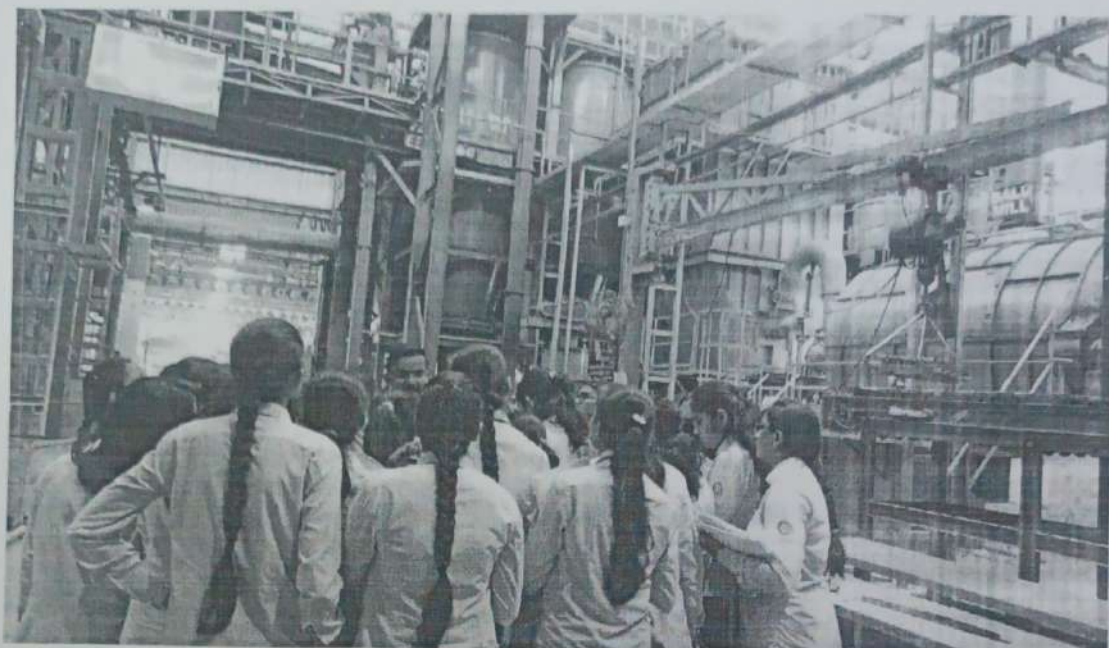
Short Report on Visit:

1. Visit involves the one by one demonstration of various units of process flow by the technical experts, which includes Grid casting, Grid aging, Mixer Pasting, Cutting and Drying, Assembly, Acid filling and Packaging and dispatch of batteries..
2. From this visit, students got the information and practical knowledge of Exide's R&D boasts a range of significant international technical collaborations that contribute to its innovative endeavors.

3. Power point presentation is conducted by Plant Head of the company through which student cleared get information about the end to end process flow and cleared out their doubts as well.
4. Student got the knowledge about different Market scenario and recent trends of industry.
5. About 54 students were benefited from this visit as they got chance to explore the company.
6. Photographs of Visit with caption



Students at Exide Industries with HOD, Staff Members and Technical Experts of company.



Students getting information on various units of Battery Manufacturing units by Harish Handal (Plant Engineer)

- Outcomes of Visit (CO-PO-PSO mapped with justification)

Exhibition Visit	
Course Educational Objectives (CEOs)	
1	To define, analyze and solve complex real life problem.
2	To work in collaborative team
3	To apply project management techniques.
4	To identify and apply appropriate tools.
5	To communicate effectively
6	To imbibe ethical practices.
Course Outcomes (CO), On completion of the course students will be able to,	
1	To get exposure of on-site Industry.
2	To get the senior functional experts / supervisors to explain about Industry.
3	To understand the end-to-end process at all levels.
4	Expert briefing about the functioning of Process Flow.
5	To have a face to face session with technical or administrative experts of the organization to ask questions and clarify doubts
6	Increase Practical Awareness of various aspects of industrial standards.
7	Acquaint Students with Interesting Facts and Newer Technologies.
8	Practical application of instruments handled during course curriculum.

	P O 1	P O 2	P O 3	P O 4	P O 5	P O 6	P O 7	P O 8	P O 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
C O1	x	x							x		x	x	x	x	x
C O2	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
C O3	x		x	x	x	x			x	x		x	x	x	x
C O4	x		x	x	x				x	x		x	x	x	x
C O5	x		x	x	x	x			x	x		x	x	x	x
C O6	x	x	x			x			x	x		x	x	x	x
C O7	x					x		x	x	x	x	x	x	x	x
C O8	x				x	x	x	x	x		x	x	x	x	x

CO-PO Mapping Levels

	P O 1	P O 2	P O 3	P O 4	P O 5	P O 6	P O 7	P O 8	P O 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
C O1	3	3							3		2	3	2	2	3
C O2	2	3		2	2		2	2	3	2	2	3	3	3	3
C O3	3		3	3	3	3			3	2		3	3	2	3
C O4	3		3	3	2	1			3	2		3	2	2	3
C O5	3		2	3	3				3	2		3	2	3	3
C O6	2	2	2		3	2			3	3		3	2	3	3
C O7	2					3		2	3	3	3	3	2	2	2
C O8	1					3	2	2	3		3	3	2	2	2

**DR. VITHALRAO VIKHE PATIL COLLEGE OF
ENGINEERING
PO MIDC, VILAD GHAT, AHMEDNAGAR - 414111 ,
AHMEDNAGAR**

Exide

10.00 am

Roll No List E. & T.C. Engineering Dept.

3RD Year , Academic Year - 2023-2024

Students details for Industrial Visit

Date: 19/10/2023

Academic Year: 2023-2024 , Class : TE

Branch: E&TC
Engineering

Roll No	Name	Mobile No.	Sign
1	BARAGAJE ROHINI HARISHCHANDRA	+918530671242	<i>Baragaje</i>
2	BEEDKAR RUTUJA JAYANT	9975892802	<i>Rutuja</i>
3	BHALERAO TUSHAR VIKAS	+918805905347	<i>Tushar</i>
4	BHAND SHRADDHA VILAS	9587196836	<i>Shraddha</i>
5	BHOSALE PUSHPAK ASHOK	+918668897178	<i>Pushtak</i>
6	BOOB GAYATRI RADHESHYAM	+917875223223	<i>Gayatri</i>
7	CHIPADE SANKET BALKRISHANA	+917020210897	<i>Sanket</i>
8	DAHATONDE KOMAL ARUN	+919430582658	
9	DHAMAK GAYATRI HAUSHIRAM	+919527351768	
10	DHANGAR YADNYESH KAILAS	+919623473132	<i>Dhangar</i>
11	DHAYATADAK SAKSHI SOMNATH	+918080103971	<i>Sakshi</i>
12	GADGE ANIKET NITIN	8308505447	<i>Aniket</i>
13	GADGE RUSHIKESH DATTATRAY	7387348624	
14	GAIKWAD KALYANI SUNIL	9322158865	<i>Kalyani</i>
15	GHORPADE ABHIJIT KAILAS	+919022573112	<i>Abhijeet</i>
16	GUDGAL ANIKET NAVNATH	+917057112026	<i>Aniket</i>
17	GULDAGAD TANISHKA SANJAYKUMAR	+917709774191	<i>Tanishka</i>
18	HADULE SAKSHI SAVKAR	+919405699728	<i>Sakshi</i>
19	JADHAV SHUBHAN GI RAJENDRA	+918668514638	<i>Shubhan</i>
20	JADHAV NIKHIL DILIP	+919112807471	<i>N. D. Jadhav</i>
21	JADHAV GAURAV RAMESH	9075074909	<i>Gaurav</i>
22	KADAM KAJAL SANJAY	+919922395026	<i>Kajal</i>
23	KAKADE NISHIGANDHA SACHIN	+918788230120	<i>Nakade</i>

24	KHARAT PRAJKATA RAHUL	+917218952722	
25	KHARMALE BHAKTI GANESH	+918446568182	<i>Bhakti</i>
26	KOLHE RUTUJA SHIVAJI	+919021054125	<i>Kolhe Rutuja</i>
27	KOLHE ANAND ASHOK	9130461468	
28	KOTKAR SNEHAL PANDURANG	+919370541493	<i>Snehal</i>
29	KULKARNI SAKSHI VITTHALRAO	+918080233523	<i>Sakshi</i>
30	KULKARNI SHUBHAMMAHENDRA	+918308003684	<i>Shubham</i>
31	LAMBRUD MANGESH HARIBHAU	+919579936939	<i>Lambrud</i>
32	NAGARE PRIYANKA SAYAJI	+918010503959	
33	NEDRE DATTATRAY RAJENDRA	+917020955059	<i>Nedre</i>
34	PAKHARE ASHWINI POPAT	+919112244757	<i>Ashwini</i>
35	PATOLE MAYUR RADHESHYAM	+917219654583	<i>Patole</i>
36	SADAFULE PRAJAKTA PRADEEP	9271423539	<i>Sadafule</i>
37	SAUNDORE SACHINBALASAHEB	+917666708473	<i>Sachin</i>
38	SAYKAD ANJALI SHRIRAM	+917666293070	<i>Anjali</i>
39	SHINARE TEJAS DILIP	+919561384396	<i>Tejas</i>
40	SHINDE SUSHANT PRASHANT	+919356512793	<i>Shinde</i>
41	SHINDE SAKSHI SURESH	9249578894	<i>Sakshi</i>
42	SHINDE VIRAJ BABASAHEB	+919373677614	
43	SONAWANE VAISHNAVI NAGESH	8788074834	<i>Sonawane</i>
44	VALLAL ARPITA KIRAN	+917040701650	
45	YARPE POOJA DILIP	8010050830	<i>Yarpe</i>
46	WAGH YOGITA SHIVAJI	+919067406828	
47	WAGH YASHADA RAVINDRA	+918262940560	<i>Wagh</i>
48	WALZADE ADITYA HARIBHAU	+917776067841	<i>Walzade</i>
49	BHANUSE KAUSHIK VISHWAS	+919130391033	<i>Bhanuse</i>
50	GADHAVE PRITAM VIJAY	+919022233298	<i>Gadhave</i>
51	SHIRSAT VIVEK MOHAN	+919021938871	<i>Shirsat</i>
52	JAGTAP DIPALI ANNASAHEB	9356720924	<i>Jagtap</i>

53	HODGAR ROHAN PARAJI	+917888283484	<i>[Signature]</i>
54	PAWAR VAISHNAVI RANGNATH	9604218511	<i>[Signature]</i>
55	BHOS ANIKET VISHWAS	+918766519891	<i>[Signature]</i>
56	GHUGE PRIYANKA SURESH	7498321374	<i>[Signature]</i>
57	JAPKAR SAURABH RAJENDRA	+919405059935	<i>[Signature]</i>
58	GAGARE NIKHIL MACHHINDRA	+918805735159	<i>[Signature]</i>
59	BHUSARI RAM DIGAMBAR	+918080639164	
60	SATHE NIKITA BABASAHEB	+918208215158	<i>[Signature]</i>
61	SAYAMBER RUTUJA MARUTI	+919657521960	<i>[Signature]</i>
62	DARWADE SWAMINI VIKAS	+919075189267	

63 Pawar Divya Sanjay
66 Wante Morendli D
64 Jadhav Shital Shivaji

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9561702913
8767252588

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[Signature]
[Signature]

Staff Members:

- 1) Dr. Anita K. Patil - HOD E & TC Dept. *[Signature]*
- 2) Prof. Pradnya S. Kharde - Assistant Prof. E & TC Dept. *[Signature]*
- 3) Prof. Jyoti A. Lokhande - Assistant Prof. E & TC Dept. *[Signature]*

Industrial Visit No.:01

Academic Year: 2023-2024

Semester I

Date: 19/10/2023

Class: TE

Subject: Skill Development

No. of Students present: 54

Name of Company/ Site Visited:

2. Epitome Components Ltd.

MIDC, Ahmednagar

Objectives:

1. An opportunity to get exposure India's leading PCB manufacturer in India with advanced Infrastructure & huge production capacity - 100,000 sqm/month & with mass satisfied customer base throughout India & Abroad.
2. Opportunity to get the senior functional experts / supervisors to explain about the immense expertise in supplying & trading of PCB, PCB circuit, printed circuit boards etc.
3. To understand the end-to-end process at all levels.
4. Expert briefing about the wide range of products of the company such as single sided PCB, Double sided PCB Multi-layered PCB etc.
5. Opportunity to have a face to face session with technical or administrative experts of the organization to ask questions and clarify doubts.
6. Opportunity to understand the policies in terms of production, quality, and service management.
7. Practical application of instruments handled during course curriculum.

Short Report on Visit:

1. Visit involves the one by one demonstration of various units of process flow by the technical experts, which includes Sawing, Edge beveling, Circuit Printing, Pre-etch, Scrubbing, SM Printing, CCD Drilling, CNC De-blocking ,BBT, OSp/LQR Coating, AQL Audit and Packing of PCB.
2. From this visit, students got the information and practical knowledge of various types of PCB's and technical details related to it.
3. Power point presentation is conducted by Plant Head of the company through which student cleared get information about the end to end process flow and cleared out their doubts as well.

4. Student got the knowledge about different Market scenario and recent trends of industry.
5. About 54 students were benefited from this visit as they got chance to explore the company.



Students at Epitome Components Ltd. MIDC, Ahmednagar



Students at Epitome Components Ltd. MIDC, Ahmednagar

• Outcomes of Visit (CO-PO-PSO mapped with justification)

Exhibition Visit	
Course Educational Objectives (CEOs)	
1	To define, analyze and solve complex real life problem.
2	To work in collaborative team
3	To apply project management techniques.
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Course Outcomes (CO), On completion of the course students will be able to,	
1	To get exposure of on-site Industry.
2	To get the senior functional experts / supervisors to explain about Industry.
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	P O 1	P O 2	P O 3	P O 4	P O 5	P O 6	P O 7	P O 8	P O 9	PO 10	PO 11	PO 12	PS O1	PS O2	PSO3
C O 1	x	x							x		x	x	x	x	x
C O 2	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
C O 3	x		x	x	x	x			x	x		x	x	x	x
C O 4	x		x	x	x				x	x		x	x	x	x
C O 5	x		x	x	x	x			x	x		x	x	x	x
C O 6	x	x	x			x			x	x		x	x	x	x
C O 7	x					x		x	x	x	x	x	x	x	x
C O 8	x				x	x	x	x	x		x	x	x	x	x

CO-PO Mapping Levels

	P O 1	P O 2	P O 3	P O 4	P O 5	P O 6	P O 7	P O 8	P O 9	PO 10	PO 11	PO 12	PS O1	PS O2	PSO3
C O 1	3	3							3		2	3	2	2	3
C O 2	2	3		2	2		2	2	3	2	2	3	3	3	3
C O 3	3		3	3	3	3			3	2		3	3	2	3
C O 4	3		3	3	2	1			3	2		3	2	2	3
C O 5	3		2	3	3				3	2		3	2	3	3
C O 6	2	2	2		3	2			3	3		3	2	3	3
C O 7	2					3		2	3	3	3	3	2	2	2
C O 8	1					3	2	2	3		3	3	2	2	2

Epitome
2.00 pm

DR. VITHALRAO VIKHE PATIL COLLEGE OF
ENGINEERING
PO MIDC, VILAD GHAT, AHMEDNAGAR - 414111,
AHMEDNAGAR

Roll No List E. & T.C. Engineering Dept.

3RD Year, Academic Year - 2023-2024

Students details for Industrial Visit

Date: 19/10/2023

Academic Year: 2023-2024, Class : TE

Branch: E&TC
Engineering

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33	NEDRE DATTA TRAY RAJENDRA	+917020955059	<i>Nedre</i>
34	PAKHARE ASHWINI POPAT	+919112244757	<i>Pakhare</i>
35	PATOLE MAYUR RADHESHYAM	+917219654583	<i>Patole</i>
36	SADAFULE PRAJAKTA PRADEEP	9271423539	<i>Sadafule</i>
37	SAUNDARE SACHINBALASAHEB	+917666708473	
38	SAYKAD ANJALI SHRIRAM	+917666293070	<i>Saykad</i>
39	SHINARE TEJAS DILIP	+919561384396	<i>Tejas</i>
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44	VALLAL ARPITA KIRAN	+917040701650	
45	VARPE POOJA DILIP	8010050830	<i>Varpe</i>
46	WAGH YOGITA SHIVAJI	+919067406828	
47	WAGH YASHADA RAVINDRA	+918262940560	<i>Wagh</i>
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61	SAYAMBER RUTUJA MARUTI	+919657521960	<i>[Signature]</i>
62	DARWADE SWAMINI VIKAS	+919075189267	

64 Jodhav Shital Shivaji
63 Pawar Divya Sanjay

8967252588 *[Signature]*

Staff Members:

- 1) Dr. Anita K. Patil - HOD E & TC Dept. *[Signature]*
- 2) Prof. Pradnya S. Kharde - Assistant Prof. E & TC Dept. *[Signature]*
- 3) Prof. Jyoti A. Lokhande - Assistant Prof. E & TC Dept. *[Signature]*

Epitome

2.00 pm

**DR. VITHALRAO VIKHE PATIL COLLEGE OF
ENGINEERING**
PO MIDC, VILAD GHAT, AHMEDNAGAR - 414111,
AHMEDNAGAR

Roll No List E. & T.C. Engineering Dept.

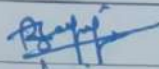
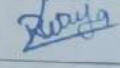
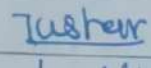
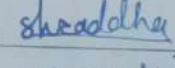
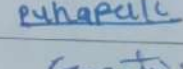
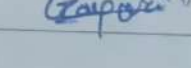
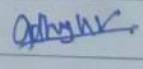

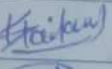
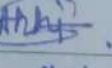
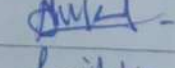
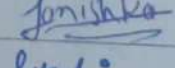
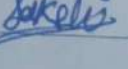
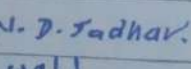
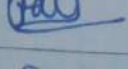
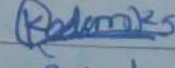
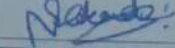
3RD Year, Academic Year - 2023-2024

Students details for Industrial Visit

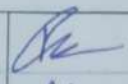
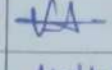
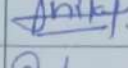
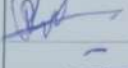
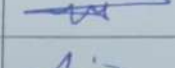
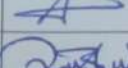
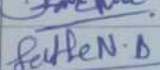
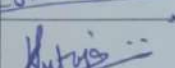


Date: 19/10/2023

Academic Year: 2023-2024, Class : TE

Branch: E&TC
Engineering

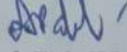
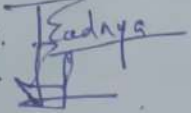
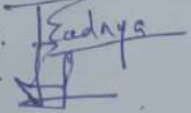
Roll No	Name	Mobile No.	Sign
1	BARGAJE ROHINI HARISHCHANDRA	+918530671242	
2	BEEDKAR RUTUJA JAYANT	9975892802	
3	BHALERAO TUSHAR VIKAS	+918805905347	
4	BHAND SHRADDHA VILAS	9587196836	
5	BHOSALE PUSHPAK ASHOK	+918668897178	
6	BOOB GAYATRI RADHESHYAM	+917875223223	
7	CHIPADE SANKET BALKRISHANA	+917020210897	
8	DAHATONDE KOMAL ARUN	+919430582658	
9	DHAMAK GAYATRI HAUSHIRAM	+919527351768	
10	DHANGAR YADNYESH KAILAS	+919623473132	
11	DHAYATADAK SAKSHI SOMNATH	+918080103971	
12	GADGE ANIKET NITIN	8308505447	
13	GADGE RUSHIKESH DATTATRAY	7387348624	
14	GAIKWAD KALYANI SUNIL	9322158865	
15	GHORPADE ABHIJIT KAILAS	+919022573112	
16	GUDGAL ANIKET NAVNATH	+917057112026	
17	GULDAGAD TANISHKA SANJAY KUMAR	+917709774191	
18	HADULE SAKSHI SAVKAR	+919405699728	
19	JADHAV SHUBHAN GI RAJENDRA	+918668514638	
20	JADHAV NIKHIL DILIP	+919112807471	
21	JADHAV GAURAV RAMESH	9075074909	
22	KADAM KAJAL SANJAY	+919922395026	
23	KAKADE NISHIGANDHA SACHIN	+918788230120	

24	KHARAT PRAJKATA RAHUL	+917218952722	
25	KHARMALE BHAKTI GANESH	+918446568182	<i>Khale</i>
26	KOLHE RUTUJA SHIVAJI	+919021054125	<i>Kolhe</i>
27	KOLHE ANAND ASHOK	9130461468	
28	KOTKAR SNEHAL PANDURANG	+919370541493	<i>Kulkarni</i>
29	KULKARNI SAKSHI VITTHALRAO	+918080233523	<i>Sakshi</i>
30	KULKARNI SHUBHAMMAHENDRA	+918308003684	<i>Shub</i>
31	LAMBRUD MANGESH HARIBHAU	+919579936939	<i>Lambrud</i>
32	NAGARE PRIYANKA SAYAJI	+918010503959	
33	NEDRE DATTATRAY RAJENDRA	+917020955059	<i>N. Dattatraya</i>
34	PAKHARE ASHWINI POPAT	+919112244757	<i>Ashub</i>
35	PATOLE MAYUR RADHESHYAM	+917219654583	
36	SADAFULE PRAJAKTA PRADEEP	9271423539	<i>Pradyumn</i>
37	SAUNDARE SACHINBALASAHEB	+917666700473	
38	SAYKAD ANJALI SHRIRAM	+917666293070	<i>Saykade</i>
39	SHINARE TEJAS DILIP	+919561384396	<i>Tejas</i>
40	SHINDE SUSHANT PRASHANT	+919356512793	
41	SHINDE SAKSHI SURESH	9249578894	<i>Shinde</i>
42	SHINDE VIRAJ BABASAHEB	+919373677614	
43	SONAWANE VAISHNAVI NAGESH	8788074834	<i>Sonawane</i>
44	VALLAL ARPITA KIRAN	+917040701650	
45	VARPE POOJA DILIP	8010050830	<i>Varpe</i>
46	WAGH YOGITA SHIVAJI	+919067406828	
47	WAGH YASHADA RAVINDRA	+918262940560	<i>Wagh</i>
48	WALZADE ADITYA HARIBHAU	+917776067841	
49	BHANUSE KAUSHIK VISHWAS	+919130391033	<i>Bhanuse</i>
50	GADHAVE PRITAM VIJAY	+919022233298	<i>Gadhav</i>
51	SHIRSAT VIVEK MOHAN	+919021938871	<i>Shirsat</i>
52	JAGTAP DIPALI ANNASAHEB	9356720924	<i>Jagtap</i>

53	HODGAR ROHAN PARAJI	+917888283484	
54	PAWAR VAISHNAVI RANGNATH	9604218511	
55	BHOS ANIKET VISHWAS	+918766519891	
56	GHUGE PRIYANKA SURESH	7498321374	
57	JAPKAR SAURABH RAJENDRA	+919405059935	
58	GAGARE NIKHIL MACHHINDRA	+918805735159	
59	BHUSARI RAM DIGAMBAR	+918080639164	
60	SATHE NIKITA BABASAHEB	+918208215158	
61	SAYAMBER RUTUJA MARUTI	+919657521960	
62	DARWADE SWAMINI VIKAS	+919075189267	

63 Pawar Divya Sanjay 9322272925 Divya
 66 Waware Prunali D 9561702913 Waware
 64 Jadhav Shital Shivaji 8767252588 Shital

Staff Members:

- 1) Dr. Anita K. Patil - HOD E & TC Dept. 
- 2) Prof. Pradnya S. Kharde - Assistant Prof. E & TC Dept. 
- 3) Prof. Jyoti A. Lokhande - Assistant Prof. E & TC Dept. 



|| न वि ज्ञानं मृतं पश्चात्ति विदुः ||
Dr. Vitthalrao Vikhe Patil Foundation's
Dr. Vitthalrao Vikhe Patil
College of Engineering Ahmednagar
Feedback Form



Date: 19/10/2023

Industrial Visit (Class: T.E)

Name of Company:

1. Exide Industries, MIDC, Ahmednagar.
2. Epitome Components Limited, MIDC, Ahmednagar.

Q.1 How will you rate the atmosphere in the company?

Outstanding ☐ Excellent ☒ Good ☐ Average ☐

Q.2 How was the knowledge gained from industry Expert?

Outstanding ☒ Excellent ☐ Good ☐ Average ☐

Q.3 To much extent this knowledge will be beneficial for your future prospective?

Outstanding ☐ Excellent ☐ Good ☒ Average ☐

Q.4 Is this visit beneficial for your mini-project and final year project implementation.

Yes ☒ No ☐

Q.5 Which subject from your syllabus is explored in this visit?

skill development .

Q.6 How do you rate this visit overall?

Outstanding ☐ Excellent ☒ Good ☐ Average ☐

Q.7 Remark

Exide .

Q.8 Suggestions if any?

No



|| न वि ज्ञानं मृत्योः परित्यज्य विदुः ||
Dr. Vithalrao Vikhe Patil Foundation's
Dr. Vithalrao Vikhe Patil
College of Engineering Ahmednagar
Feedback Form



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Skill development

Q.6 How do you rate this visit overall?

Outstanding ☐ Excellent ☒ Good ☐ Average ☐

Q.7 Remark

Good

Q.8 Suggestions if any?

No



|| य हि ज्ञानं मृतमपि प्रविर्जयति विद्यते ||
Dr. Vithalrao Vikhe Patil Foundation's
Dr. Vithalrao Vikhe Patil
College of Engineering Ahmednagar
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Yes ☐ No ☒

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Skill Development

Q.6 How do you rate this visit overall?

Outstanding ☐ Excellent ☐ Good ☒ Average ☐

Q.7 Remark

Exide Indu

Q.8 Suggestions if any?

Exide Industry visit was good but Epitome was not that average industry Expert knowledge was not that good.



|| न हि क्षमेत गतुः पञ्चमित्र विद्या ||
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College of Engineering Ahmednagar



Feedback Form

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~~Electronic circuit~~
skill development

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Q.7 Remark

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