

## 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-

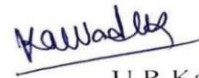
- To provide an awareness about new technologies.
- To provide an exposure about industrial practices.

#### 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/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

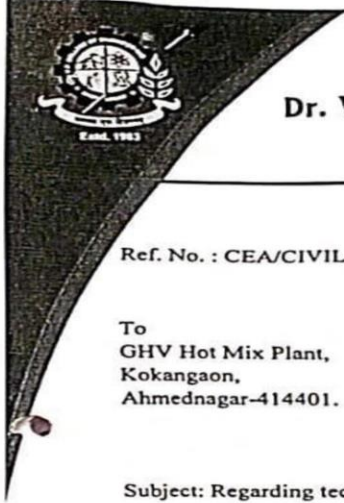
Kausik  
o/c

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



PRINCIPAL  
Dr. Vithalrao Vikhe 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  
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Kokangaon,  
Ahmednagar-414401.

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

Sir,

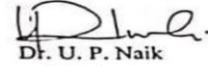
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Yours faithfully,

  
Dr. U. P. Naik

Principal,  
College of Engineering  
Ahmednagar

Encl: List of students & staff



MSW 4292  
People



www.enggnagar.com


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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Ahmednagar



|| ११ मित्रा नृपति विद्यायाः ||  
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	Landge 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**



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**Ahmednagar**





॥ न हि कश्चेन मृत्योर्न पश्चात्ति विना ॥  
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**College of Engineering Ahmednagar**



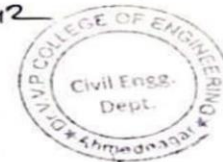
DTE College Code: EN 5183

Department of Civil Engineering		
Name of Subject: Transportation Engineering (401002)		
Technical Visit to Hot Mix Plant		
Date: 27/10/2023		
Roll No.	Name of Student	Sign. of Student
31	Pawar Rohit Suresh	Pawar R.
32	Pawarpatil Pratik Balasaheb	Pawar
33	Sabale Kunal Raju	Sabale
34	Sase Jaydip Nanabhau	Sase Jaydip
35	Sase Shivam Parasram	Shivam
36	Sayyed Aman Arif	Sayyed
37	Shaikh Ayesha Hanif	Shaikh
38	Shelke Priti Sanjaykumar	Shelke
39	Todmal gaurav chandrakant	Todmal
40	Vairai Komal Sanjay	
41	Varpe Abhishek Sanjay	
42	Wagh Gaurav Devidas	Wagh
43	Zanje Revan Dnyaneshwar	Zanje
44	Zine Ankush Ramdas	Zine
45	Jagtap Avdhoot Chandrashekhar	Jagtap
46	Shelke Tushar Vitthal	Shelke
47	Shete Shreyash Pratap	
48	Thorat Samruddhi Kiran	Thorat
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	Dhakane
56	Kute Prashant Shankar	
Name of Staffs		
1	Prof. S. N. Daule	Prof. S. N. Daule
2	Dr. M. P. Wagh	Dr. M. P. Wagh
3	Prof. N. M. Mulik	Prof. N. M. Mulik

Total students present for visit = 42

S.N. Daule

Kawale



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



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Ahmednagar

**Visit Notice:**



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

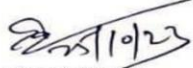


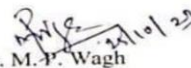
**Date: 25-10-2022**

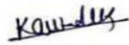
**CIVIL ENGINEERING DEPARTMENT**

**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 27<sup>th</sup> 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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**Visit Schedule:**



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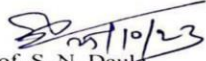



DTE College Code: EN-5161

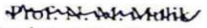
**CIVIL ENGINEERING DEPARTMENT**

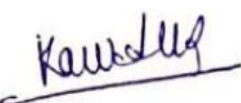
**SCHEDULE OF TECHNICAL VISIT OF B.E. CIVIL**

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**



  
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**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

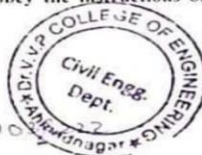
Respected sir,  
I, Sailee B. Landge, studying in the B.E. Civil, allow me to take part in the industrial visit to GHV, Bitumen Plant, Kokangaon, Taluka, Karjat, District Ahmednagar, and Ambalika Sugar factory, Rashin District Ahmednagar, arranged by the Civil Engineering Department on **27<sup>th</sup> 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 पवित्रमिह 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, Arvind M. 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 **27<sup>th</sup> 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 Arvind Dhande  
Roll No 10

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



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॥ न हि ज्ञानेन मर्त्याः परित्यज्यन्ति विद्यते ॥  
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**Dr. Vitthalrao Vikhe Patil**  
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**UNDERTAKING FOR TECHNICAL VISIT**

Date: -27-10-2023

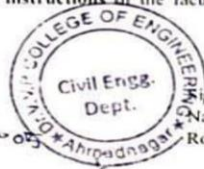
To,  
The Principal,  
Dr. V. Vikhe Patil  
College of Engineering  
Ahmednagar

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 27<sup>th</sup> 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



Yours faithfully,  
Signature of the students  
Name Kunal Raju Sabale  
Roll No 33



॥ न हि ज्ञानेन मर्त्याः परित्यज्यन्ति विद्यते ॥  
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**UNDERTAKING FOR TECHNICAL VISIT**

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To,  
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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 27<sup>th</sup> 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. 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:



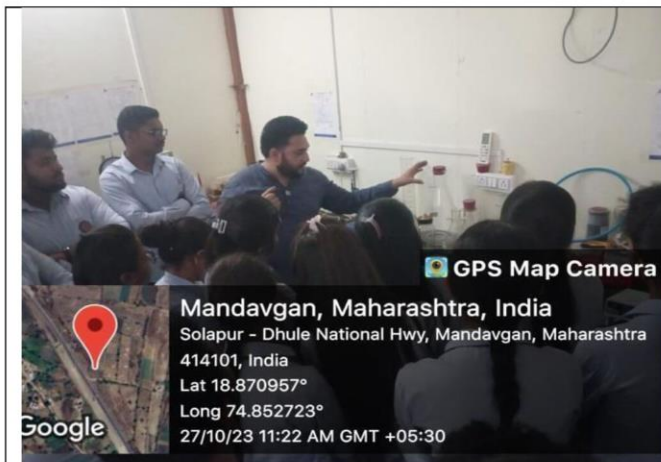
*Kausik*  
Sign of HOD-Civil  
Head of Department  
Dept & Civil Engineering  
D.V.V.P.C.O.E, Ahmednagar



*V. D. Patil*  
PRINCIPAL  
Dr. Vithalrao 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. Patil*  
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College of Engineering  
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