



Dr. D. Y. Patil Pratishthan's College of Engineering
Salokhenagar, Kolhapur

Doc. No: DYP-ADMN-FRM

Revision No. 00

Page 1 of 1

Revision Date:01/07/2019

Industrial Visit

Date: 10/04/2023

Industrial Visit Notice

All the Computer Science and Engineering students are hereby informed that a visit to Akshawani Center Panhala is planned for 12th April 2023 at 9.00 am. Students need to gather at the main entrance of the college at sharp 08.30 am.

Prepared by:

HOD (CSE)

PRINCIPAL
Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhe Nagar, Kolhapur.

Head of Department
Computer Science and Engineering
Dr. D. Y. Patil Pratishthan's
College of Engineering,
Salokhe Nagar, Kolhapur.



Dr. D. Y. Patil Pratishthan's College of Engineering
Salokhenagar, Kolhapur

Doc. No: DYP-ADMN-FRM

Revision No. 00

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Revision Date: 01/07/2019

Industrial Visit

Date: 10/04/2023

To,

Mr. Sachin Patil,

Transport Department,

DYPSN Kolhapur.

Subject: Letter for providing bus facility for student's industrial visit.

Hello sir,

In Computer Science & Engineering dept, we are organizing one industrial visit on 12th April 2023 for students to Akashwani Kendra, Panhala. For that, we require a bus facility from the college. Depending upon the number of students we require either one or two buses.

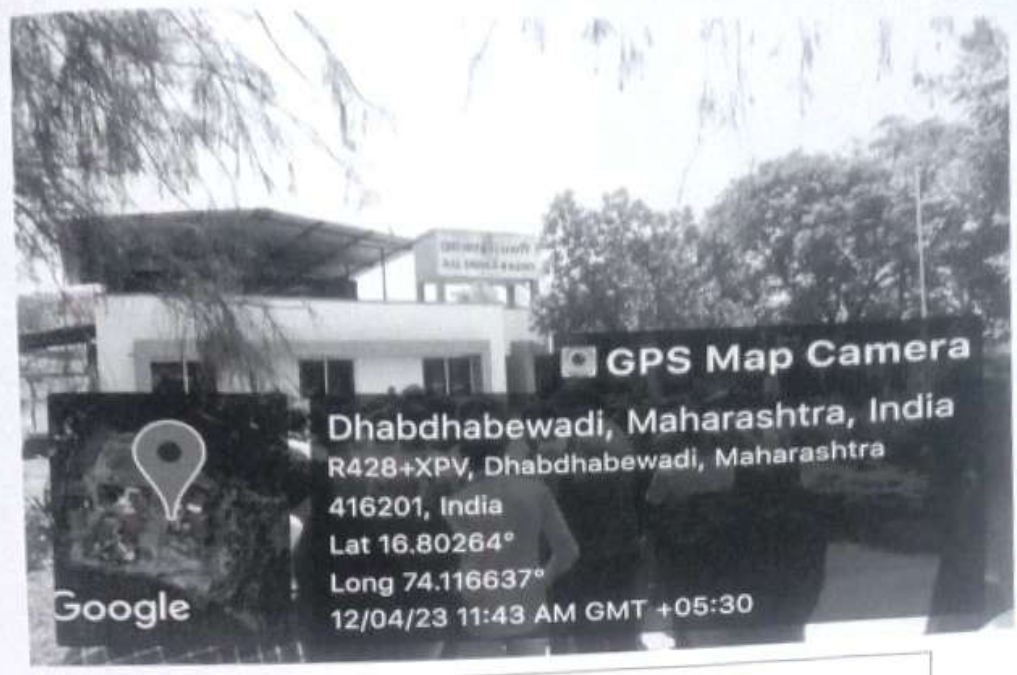
Kindly please do the needful.

Prepared by:

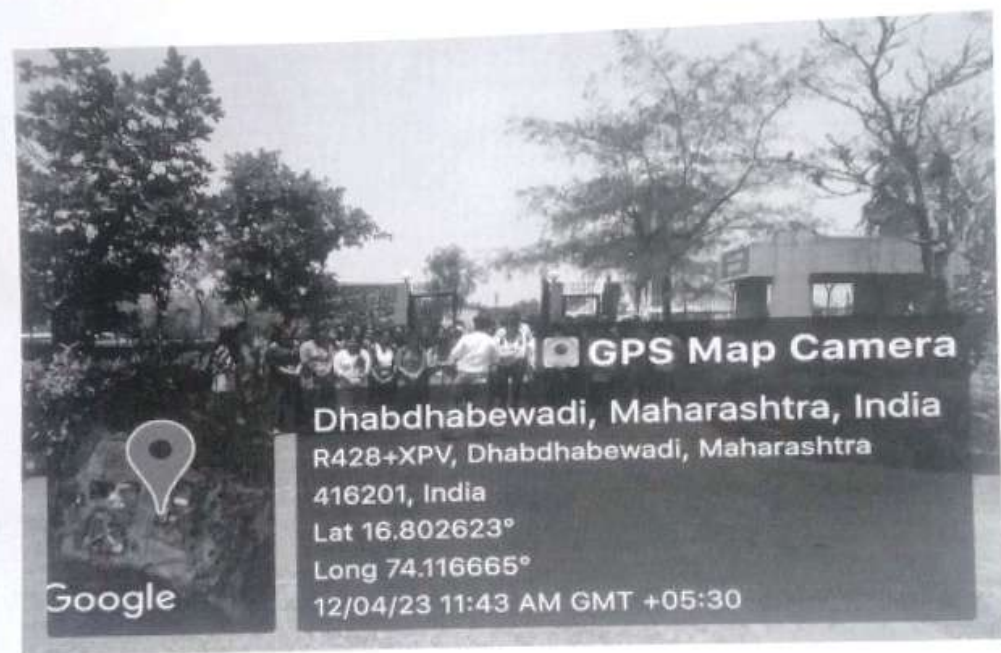
HOD (CSE)

PRINCIPAL
Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhe Nagar, Kolhapur.

Head of Department
Computer Science & Engineering
Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhe Nagar, Kolhapur



Pic 1: Students and Faculties at Akashwani Centre



Pic 2: Students and Faculties getting information from authorities

(Handwritten Signature)
PRINCIPAL
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College of Engineering
Salokhe Nagar, Kolhapur.



Dr. D. Y. Patil Pratishthan's College of Engineering
Salokhenagar, Kolhapur

Doc. No: DYP-ADMN-FRM

Revision No. 00

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Revision Date: 01/07/2019

Industrial Visit

Date: 20/02/2023

Industrial Visit Notice

All the Computer Science and Engineering students are hereby informed that a visit to "Panchamahabhoot - Kaneri Math" is planned for 22nd Feb 2023 at 9.00 am. Students need to gather at the main entrance of the college at sharp 08.30 am.

Prepared by:

Mrs. Sneha S. Ghewari



HOD (CSE)

Dr. Shivleela R. Arlimatti

Head of Department

Computer Science and Engineering

Dr. D. Y. Patil Pratishthan's

College of Engineering

Salokhenagar, Kolhapur

PRINCIPAL

Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhe Nagar, Kolhapur.



**Dr. D. Y. Patil Pratishthan's College of Engineering
Salokhenagar, Kolhapur**

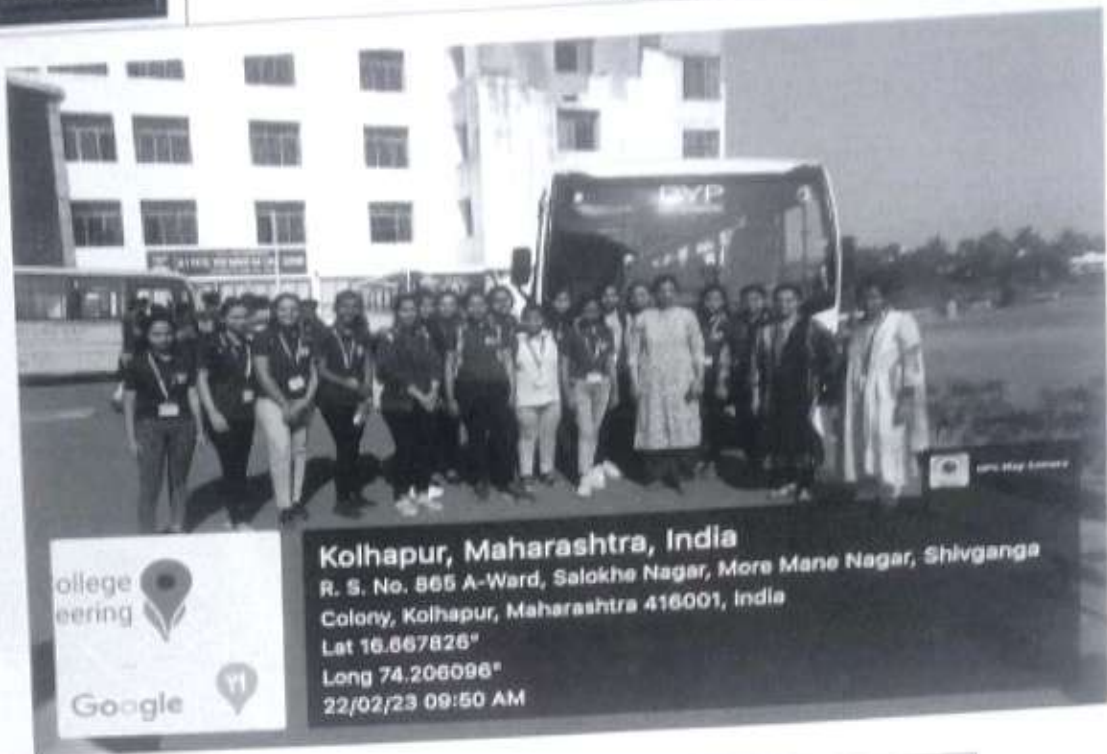
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Industrial Visit



Pic 1: Students and Faculties at College Entrance



Pic 2: Students and Faculties at College Entrance



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College of Engineering
Salokhe Nagar, Kolhapur.




Pic 3: Students and Faculties at Kaneri Math



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College of Engineering
Salokhe Nagar, Kolhapur.

	Dr. D. Y. Patil Pratishthan's College of Engineering Salokhenagar, Kolhapur	
	Doc. No: DYP-ACAD-FRM-01	Revision No. 00
	Page of	Revision Date:01/07/2019
	Department of Electrical Engineering	
Energy Club		

A.ctivity 3: Industry Visit

**Name of Industry: Shree Tatyasaheb Kore Warana Sahakari Sakhar
Karkhana Ltd, Warananagar.**

Course Objectives:

To provide exposure to real working atmosphere and to show how things are done in an organization

Course Outcome:

1. To demonstrate cogeneration at sugar plant
2. To write visit report

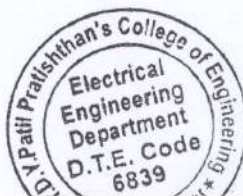
CO-PO mapping:

CO\PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1						2	2	2	2			3
CO2									3	3		3

The students of Electrical Engineering have visited "Shree Tatyasaheb Kore Warana Sahakari Sakhar Karkhana Ltd, Warananagar" on 12th November 2022. The number of students visited the plant are 37. The students have seen following sections at the plant:

1. Warana Sugar Factory
 - 12,000 metric tonnes capacity sugar plant
2. Warana Cogeneration Project (44 MW)
 - Based on bagasse, imported coal or biomass such as sugarcane trash, cotton stalk, rice husk, Julie flora, sawdust etc
 - Distributed Control System (DCS) employed for monitoring and controlling the plant performance
 - Operates for 310 days per annum
- o Warana Distillery
 - Utilize the by-product molasses with 30 KLPD capacity producing Ethanol, Industrial Alcohol and Rectified Spirit
 - Bio-methanation followed by evaporation and aerobic bio-composting to achieve zero discharge

The photos are taken by Sourabh Desai, Pooja Ghatage, Jaydeep Autade, Prajwal Shinde.





**Dr. D. Y. Patil Pratishthan's College of Engineering
Salokhenagar, Kolhapur**

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Department of Electrical Engineering
Energy Club



GPS Map Camera

Warananagar, Maharashtra, India
V673+7P5, Warananagar, Maharashtra 416114, India
Lat 16.862517°
Long 74.199301°
12/11/22 10:22 AM GMT +05:30



GPS Map Camera

Warananagar, Maharashtra, India
V56X+P53, Warananagar, Maharashtra 416114, India
Lat 16.86243°
Long 74.197152°
12/11/22 01:14 PM GMT +05:30





**Dr. D. Y. Patil Pratishthan's College of Engineering
Salokhenagar, Kolhapur**

Doc. No: DYP-ACAD-FRM-01

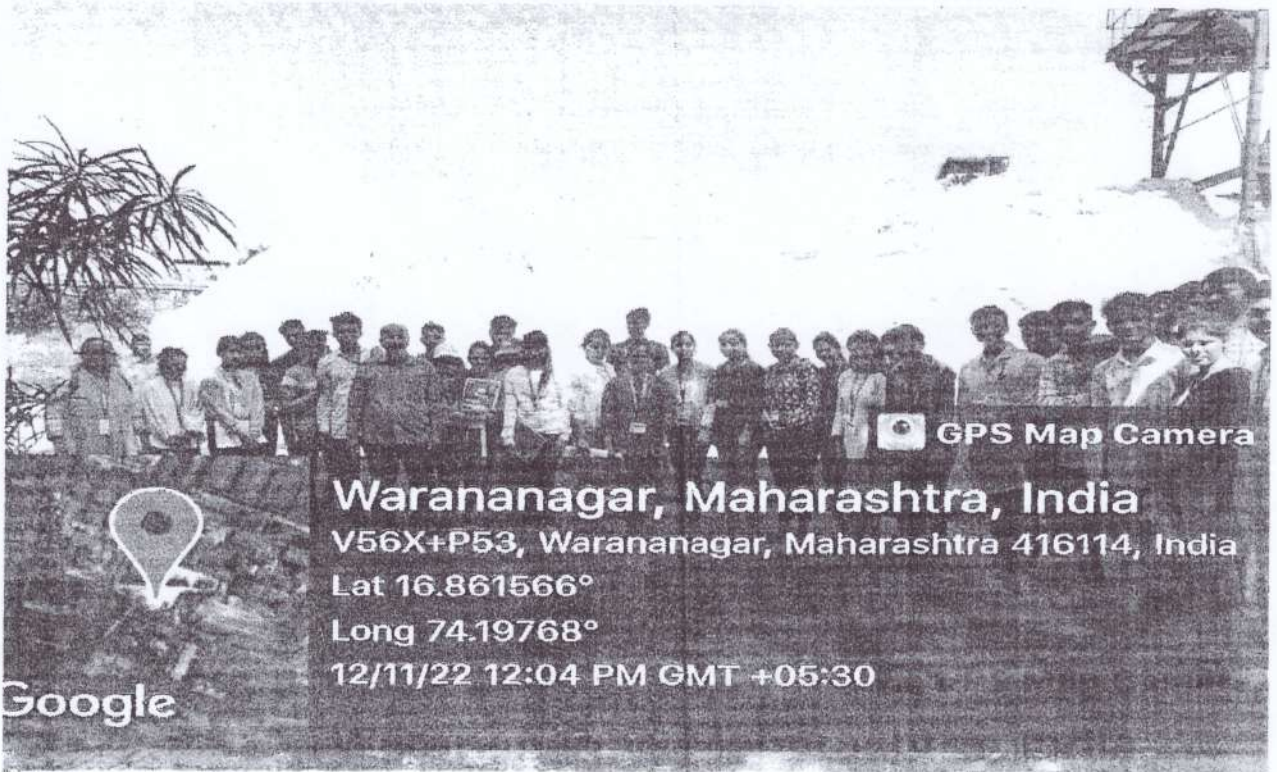
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Revision Date:01/07/2019

Department of Electrical Engineering

Energy Club



Dr. D. Y. Patil Pratishthan's
**COLLEGE OF
ENGINEERING**



Salokhenagar, Kolhapur - 416007

Date : 29 / 10 / 2022

Ref. No. : DYPCOE / 2022 - 23 / 712

To
The Director
Tatyasaheb Kore Warana Sahakari Sakhar Karkhana Ltd
Warananagar
Tal: Panhala
Dist.: Kolhapur 416113
Maharashtra.

Subject: Permission to visit cogeneration plant.

Dear Sir,

It is a matter of great pride and privilege to introduce our Institute. Dr. D Y Patil Pratishthan's College of Engineering, Salokhenagar, Kolhapur (DYPSN) is one of the budding Technical Institute in the state of Maharashtra. DYPSN has been established in the year 2014 with a view to build a bright future for the young people of the rural part of our country. The college is approved by AICTE, New Delhi, recognized by Govt. of Maharashtra i.e. DTE, Mumbai and affiliated to Shivaji University, Kolhapur. The motto of the college is to provide the best quality technical education to the students from rural background and motivate them to become creative, responsible engineers.

On behalf of the Department of Electrical Engineering, DYPSN, I am writing this letter to you to get permission to visit "Cogeneration Plant" on Saturday, dated 12th November 2022 for academic purpose. The number of students visiting the power plant is 50 along with 2 faculty members. The list of students and faculty members is attached herewith. I request you kindly allow us for the same.

Hope you understand the need of the visit for the educational purpose.

Thanks and regards.

Yours faithfully,

Received and
visited 37 Girls &
Boys of our Sugar
Plant, co-gen plant and External



Principal
PRINCIPAL

Dr. D. Y. Patil Pratishthan's
College of Engineering

Dr. D. Y. Patil Pratishthan's
**COLLEGE OF
ENGINEERING**



Salokhenagar, Kolhapur - 416007

Ref. No. : DYP/COE / 2022 / 723

Date : 11 / 11 / 2022

To
The Director
Tatyasaheb Kore Warana Sahakari Sakhar Karkhana Ltd
Warananagar
Tal: Panhala
Dist.: Kolhapur 416113
Maharashtra.

Subject: Thanking for permitting to visit cogeneration plant


Dear Sir,

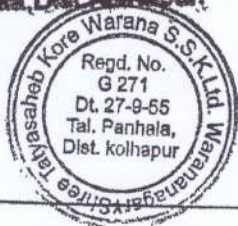
On behalf of the Department of Electrical Engineering, DYPSN, I am writing this letter to you to thank for having extended kind support and informative and enlightening visit at the cogeneration plant, Warananagar, Panhala. It was a wonderful and learning experience for having visited the cogeneration plant. The students are benefited with lots of knowledge.


I expect the same kind of cooperation in future.

Thanks and regards.

Yours faithfully,


Managing Director
Shree Tatyasaheb Kore Warana Sah.
Sakhar Karkhana Ltd. Warananagar
Tal. Panhala, Dist. Kolhapur.




Principal

PRINCIPAL
Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhenagar, Kolhapur.

Approved by AICTE (New Delhi), Govt. of Maharashtra, DTE Mumbai and Affiliated to Shivaji University

Dr. D. Y. Patil Pratishthan's

Ph. : 0231 - 2320914





Dr. D. Y. Patil Pratishthan's College of Engineering
Salokhenagar, Kolhapur

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Revision Date: 14/12/2021

Energy Club

Department of Electrical Engineering
(AY: 2022-23 Semester - I)
Industry Visit

Name of Plant: Shree Tatyasaheb Kore Warana Sahkari Sakhar Karkhana Ltd,
Warananagar, Kolhapur

List of Students:

Sr. No.	Name of Student	Age	Date of Birth	PRN
✓1	Jaydeep Vikas Autade	21	22-09-2001	2019087355
✓2	Nikita Sambhaji Patil	21	27-01-2001	2020079865
✓3	Pooja Bhagwan Ghatage	22	08-11-2000	2020079855
✓4	Mrunal Sanjay Waghmare	23	10-11-1999	2020079814
✓5	Ajit Bhimrao Gore	23	25-07-2000	2019087267
✓6	Prajwal Tanaji Shinde	21	07-06-2001	2019087354
✓7	Rohit Shankar Gondil	21	25-04-2001	20200789887
✓8	Sourabh Suresh Desai	22	25-10-2000	2020079818
✓9	Aditya Sanjay Jasud	23	30-09-1999	2020079858
✓10	Swati Vilas Gurav	22	16-02-2000	2019087356
✓11	Pratik Uttam Mardane	21	16-09-2001	2020079869
✓12	Akash Suresh Khade	21	03-03-2001	2019087353
✓13	Swapnil Sanjay Kamble	22	23-01-2000	2020079880
✓14	Rahul Sanjay Sutar	22	20-03-2000	2020079886
✓15	Prathamesh Appaso Punde	22	23-09-2000	2020079872
✓16	Abhishek Anil Shivasharan	22	15-06-2000	2020079873
✓17	Sana Javed Sutar	22	02-09-2001	2020079878
✓18	Rasika Ganesh Suryawanshi	22	21-06-2000	2020079861
✓19	Rushikesh Sunil Salokhe	21	05-04-2002	2020079273
✓20	Rushikesh Jotiba Salgaonkar	21	13-03-2002	2020081983
✓21	Ankita Rajesh Shinde	21	07-01-2002	2021079294
✓22	Shruti Ramesh Pawar	21	21-02-2002	2021079284
✓23	Sakshi Sanjay Mane	20	25-02-2002	2021079266
✓24	Neha Hanumant Waghmare	20	01-03-2003	2020079258
✓25	Swarupa Balavant Patil	21	15-04-2002	2020081997
✓26	Sourabh Chandrakant Kamble	21	15-03-2002	2021079281
✓27	Shantanu Manoj Mane	21	15-06-2002	2021079367
✓28	Pritam Ravindra Kumbhar	20	23-06-2003	2020082027
✓29	Poornima Anil Shinde	20	13-07-2003	2020082034
✓30	Siddhant Dattatray Lokare	21	14-04-2002	2021079286
✓31	Soham Sandip Mahajan	21	26-04-2002	2021078855
✓32	Divya Ganesh Tibile	22	22-02-2001	2021079263

(Signature)



Dr. D. Y. Patil Pratishthan's College of Engineering
Salokhenagar, Kolhapur

Doc. No: DYP-ACAD-FRM-01

Revision No. 00

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Revision Date:01/07/2019

Department of Electrical Engineering

Energy Club

Activity 4: Industry Visit

Name of Industry: Solid Waste Power Plant, Kagal, Kolhapur

Course Objectives:

To provide exposure to real working atmosphere and to show how things are done in an organization

Course Outcome:

1. To demonstrate utilization of solid waste generated as a resource for generation of electricity
2. To write visit report

CO-PO mapping:

CO/PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1						2	2	2	2			3
CO2									3	3		3

The students of Electrical Engineering have visited "Solid waste power plant, Kagal" on 24th November 2022. The number of students visited the plant are 40. The students have seen various sections at the plant. The Kagal Municipal Council is collecting 10 to 11 Tons MSW per day. Considering quantity and composition of Municipal solid waste generation in Kagal, a composting plant is set up under the Kagal Municipal Council to generate compost and electricity from the city refuse. The plant has the capacity to handle 63 KWH of energy per day. The remaining waste is being dumped besides the plant or is sending for recycling. The solid waste is collected from all the houses in Kagal by means of truck. The separation of biodegradable waste and non biodegradable waste is done. As the organic waste is in various sizes, it is shredded in the crusher to form fine slurry and water is added to this shredded waste in the proportion 1:1. The fine slurry helps the bacteria to consume the organic matter efficiently and in a short period. The biodegradable waste is set to two Green Boxes where generation of biogas takes place. After the decomposition of the waste in the green box, the gas which is produced from the process needs to be separated from the waste. So gas separators are provided in order to separate the gas from the by product. The gas is further sent to the generation of electricity and the left over by product from this separator is sent to manure beds for preparing vermin compost. After the gas separator, the generated gas is sent to gas collection balloons. A 63 KV generator has been installed for generation of electricity from the gas. The electricity generated is about 500kw/day which is used to illuminate 3 km street lights and existing Underground Street light. Also 900 street lights of 35 vat CFL/metal halides are laminated and the remaining electricity is supplied to the pump house. The by product from the gas separator is used for making the vermin compost.

The photos are taken by Sourabh Desai, Pooja Ghatage, Jaydeep Autade, Prajwal Shinde.



**Dr. D. Y. Patil Pratishthan's College of Engineering
Salokhenagar, Kolhapur**

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Department of Electrical Engineering

Energy Club





**Dr. D. Y. Patil Pratishthan's College of Engineering
Salokhenagar, Kolhapur**

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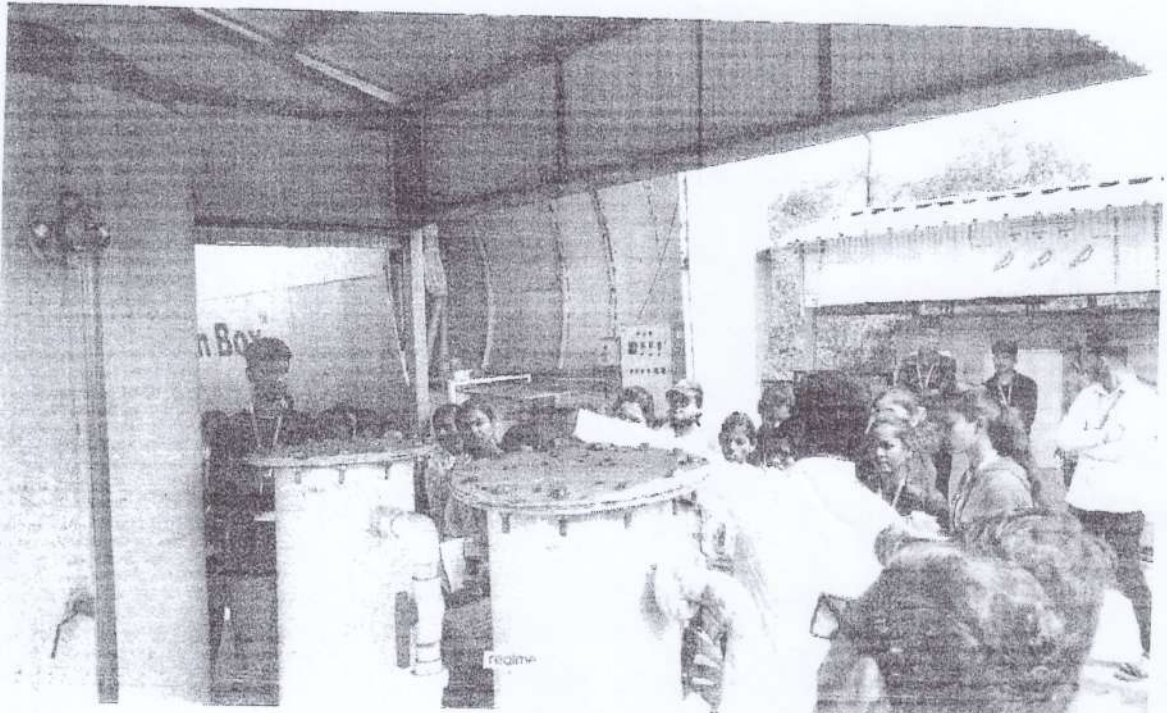
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Department of Electrical Engineering

Energy Club



Dr. D. Y. Patil Pratishthan's
**COLLEGE OF
ENGINEERING**



Salokhenagar, Kolhapur - 416007

Ref. No. : DYPCOE / 2022-23 / 757

Date : 23 / 11 / 2022

To
The Chief Officer
Kagal Municipal Council
Kagal, Kolhapur
Maharashtra.

Subject: Permission to visit Solid Waste Power Plant

Dear Sir,

It is a matter of great pride and privilege to introduce our Institute. Dr. D Y Patil Pratishthan's College of Engineering, Salokhenagar, Kolhapur (DYPSN) is one of the budding Technical Institute in the state of Maharashtra. DYPSN has been established in the year 2014 with a view to build a bright future for the young people of the rural part of our country. The college is approved by AICTE, New Delhi, recognized by Govt. of Maharashtra i.e. DTE, Mumbai and affiliated to Shivaji University, Kolhapur. The motto of the college is to provide the best quality technical education to the students from rural background and motivate them to become creative, responsible engineers.

On behalf of the Department of Electrical Engineering, DYPSN, I am writing this letter to you to get permission to visit "Solid Waste Power Plant" on Thursday, dated 24th November 2022 for academic purpose. The number of students visiting the power plant is 50 along with 2 faculty members. The list of students and faculty members is attached herewith. I request you kindly allow us for the same.

Hope you understand the need of the visit for the educational purpose.

Thanks and regards.

Yours faithfully.

[Handwritten signatures and date]
24/11/2022



[Handwritten signature]
Principal

PRINCIPAL

Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhenagar, Kolhapur



Dr. D. Y. Patil Pratishthan's
**COLLEGE OF
ENGINEERING**



Salokhenagar, Kolhapur - 416007

Ref. No. : DYPCOE / 2022-23 / 757

Date : 23 / 11 / 2022

To
The Chief Officer
Kagal Municipal Council
Kagal, Kolhapur
Maharashtra.

Subject: Permission to visit Solid Waste Power Plant

Dear Sir,

It is a matter of great pride and privilege to introduce our Institute. Dr. D Y Patil Pratishthan's College of Engineering, Salokhenagar, Kolhapur (DYPSN) is one of the budding Technical Institute in the state of Maharashtra. DYPSN has been established in the year 2014 with a view to build a bright future for the young people of the rural part of our country. The college is approved by AICTE, New Delhi, recognized by Govt. of Maharashtra i.e. DTE, Mumbai and affiliated to Shivaji University, Kolhapur. The motto of the college is to provide the best quality technical education to the students from rural background and motivate them to become creative, responsible engineers.

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Hope you understand the need of the visit for the educational purpose.

Thanks and regards.

Yours faithfully.

[Handwritten signatures and date]
24/11/2022



[Handwritten signature]
Principal

PRINCIPAL

Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhenagar, Kolhapur



Dr. D. Y. Patil Pratishthan's
**COLLEGE OF
ENGINEERING**



Salokhenagar, Kolhapur - 416007

Ref. No. : DYPCOE / 2022-231758

Date : 23 / 11 / 2022

To
The Chief Officer
Kagal Municipal Council
Kagal, Kolhapur
Maharashtra.

Subject: Thanking for permitting to visit Solid Waste Power Plant

Dear Sir,

On behalf of the Department of Electrical Engineering, DYPSN, I am writing this letter to you to thank for having extended kind support and informative and enlightening visit at the Solid Waste Power Plant, Kagal. It was a wonderful and learning experience for having visited the plant. The students are benefited with lots of knowledge.

I expect the same kind of cooperation in future.

Thanks and regards.

Yours faithfully.



Principal
23/11/2022

PRINCIPAL
Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhenagar, Kolhapur.

Received
[Signature]
23/11/2022





Dr. D. Y. Patil Pratishthan's College of Engineering
Salokhenagar, Kolhapur

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Energy Club

Department of Electrical Engineering
(AY: 2022-23 Semester - I)
Industry Visit

Name of Plant: Solid Waste Power Plant, Kagal, Kolhapur

List of Students:

Sr. No.	Name of Student	Class
1	Jaydeep Vikas Autade	B.Tech
2	Ajit Bhimrao Gore	B.Tech
3	Prajwal Tanaji Shinde	B.Tech
4	Rohit Shankar Gondil	B.Tech
5	Sourabh Suresh Desai	B.Tech
6	Aditya Sanjay Jasud	B.Tech
7	Swati Vilas Gurav	B.Tech
8	Swapnil Sanjay Kamble	B.Tech
9	Rahul Sanjay Sutar	B.Tech
10	Abhishek Anil Shivasharan	B.Tech
11	Sana Javed Sutar	B.Tech
12	Rasika Ganeshn Suryawanshi	B.Tech
13	Rushikesh Sunil Salokhe	B.Tech
14	Vishakha Vikas Dinde	B.Tech
15	Pallavi Vilas Kene	B.Tech
16	Abhijeet Rathode	B.Tech
17	Saumya Anand	B.Tech
18	Saunmi Anand	B.Tech
19	Sammed Sanjay Patil	B.Tech
20	Omkar Jamadade	B.Tech
21	Akash Appaso Chavan	TY
22	Manali Chandrakant Chavan	TY
23	Vaishnavi Ananda Chavan	TY
24	Prerana Jitendra Choudhari	TY
25	Pratiksha Bhimrao Dalavi	TY
26	Ankita Vijaykumar Gaikwad	TY
27	Aishwarya Sanjay Jadhav	TY
28	Avadhut Tanaji Jadhav	TY
29	Prasad Sharad Jadhav	TY
30	Divya Balaso Kamble	TY
31	Prathmesh Budhkar	TY
32	Saloni Ratnghosh Kamble	TY
33	Sourabh Chandrakant Kamble	TY

[Signature]
Head of Department



**Dr. D. Y. Patil Pratishthan's College of Engineering
Salokhenagar, Kolhapur**

Doc. No: DYP-ACAD-FRM - 01

Revision No. 00

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Revision Date: 14/12/2021

Energy Club

**Department of Electrical Engineering
(AY: 2022-23 Semester - I)
Industry Visit**

Name of Plant: Solid Waste Power Plant, Kagal, Kolhapur

List of Students:

Sr. No.	Name of Student	Class
1	Jaydeep Vikas Autade	B.Tech
2	Ajit Bhimrao Gore	B.Tech
3	Prajwal Tanaji Shinde	B.Tech
4	Rohit Shankar Gondil	B.Tech
5	Sourabh Suresh Desai	B.Tech
6	Aditya Sanjay Jasud	B.Tech
7	Swati Vilas Gurav	B.Tech
8	Swapnil Sanjay Kamble	B.Tech
9	Rahul Sanjay Sutar	B.Tech
10	Abhishek Anil Shivasharan	B.Tech
11	Sana Javed Sutar	B.Tech
12	Rasika Ganeshn Suryawanshi	B.Tech
13	Rushikesh Sunil Salokhe	B.Tech
14	Vishakha Vikas Dinde	B.Tech
15	Pallavi Vilas Kene	B.Tech
16	Abhijeet Rathode	B.Tech
17	Saumya Anand	B.Tech
18	Saunmi Anand	B.Tech
19	Sammed Sanjay Patil	B.Tech
20	Omkar Jamadade	B.Tech
21	Akash Appaso Chavan	TY
22	Manali Chandrakant Chavan	TY
23	Vaishnavi Ananda Chavan	TY
24	Prerana Jitendra Choudhari	TY
25	Pratiksha Bhimrao Dalavi	TY
26	Ankita Vijaykumar Gaikwad	TY
27	Aishwarya Sanjay Jadhav	TY
28	Avadhut Tanaji Jadhav	TY
29	Prasad Sharad Jadhav	TY
30	Divya Balaso Kamble	TY
31	Prathmesh Budhkar	TY
32	Saloni Ratnghosh Kamble	TY
33	Sourabh Chandrakant Kamble	TY

Handwritten signature

DEPARTMENT OF CIVIL ENGINEERING

To,
Mr. Ravindra More,
Laxmipuri.

Subject :- To seek the permission for visiting your site.

Respected sir,

We are the emerging institute of western Maharashtra recognized by AICTE and affiliated to Shivaji university. Since its inception our institute is taking untiring endeavors for the betterment of the students. We are offering following courses.

Sr. No.	Course Name	Intake
1	Civil Engineering	60
2	Computer Science & Engineering	120
3	Data Science	60
4	Electrical Engineering	60

We would like to visit your esteemed **Construction Site** if you grant us the permission. It will enable students to get practical knowledge from such a renowned organization like yours. The expected numbers of visiting students is 70 among with 02 faculty members.

So we would like to request you to grant us the permission for the same. Your favorable response in this regards will be highly appreciated.

Thanking You.

Yours Faithfully,

HOD

Civil Engineering
Head Dept. of Civil
Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhe Nagar, Kolhapur

PROCESS Report

File:

Clusters: Education/Research/External/Admin/OthersElaboration: **Site visit to commercial Building at Laxmipuri**

	Dept :Civil	In charge: Asst Prof. H V Vibhute	File: Dept/C<luster>/F<ile>/No>/SI No/Date
Process Name: Site Visit under BPD	Start date: 14/10/2022	End date: 14/10/2022	Status: 100% (Percentile completion)
Outcome: Technical Knowledge	Cost: 0	Head: Dr. S.D.Mane (Principal)	

Summary: All SY, TY, Btech students visit was arranged to Commercial building at laxmipuri. The building was of G+4. In which upto 3 rd floor the building was constructed and Steel bindig was going on of the 4th last floor. Plastering and final finishing of first three floors were about to get start.

About the process: Along with DR.Rashmi Desai (HOD), Asst Prof H V Vibhute, Asst Prof V.D.Patil, all SY, TY, Btech students went for the site visit from college by college bus. After reaching to the laxmipuri site we divided the students into five groups. Then the Structural Engineer of the site **Mr. Ravindra more** briefed them about the Site, Norms & Regulations, Setbacks, Structural specifications, Building components, aspect and prospect of the building, Municipal drawing and permission procedure to the students one by one. Then we came back to the college after visit.

Outcome: Students understood the importance of subject "BUICKING PLANNING AND DESIGN". They came to know how column, beam and slab reinforcement is done on site, what is one way and two way slab, What is the difference between residential and commercial staircase design, about the two floor height slab construction. Which kind of footings are provided, what are the sizes of beam and column where the load is supposed to be maximum, What is flat slab etc.

Points to observe: Structural components, Specifications for commercial building, Reading of BBS Schedule, drawings of each floor, Slab, column, beam reinforcement, Municipal Dwg, Setbacks, ground conditions, water table level, Construction permission process, Plastering & Final finishing of the components.

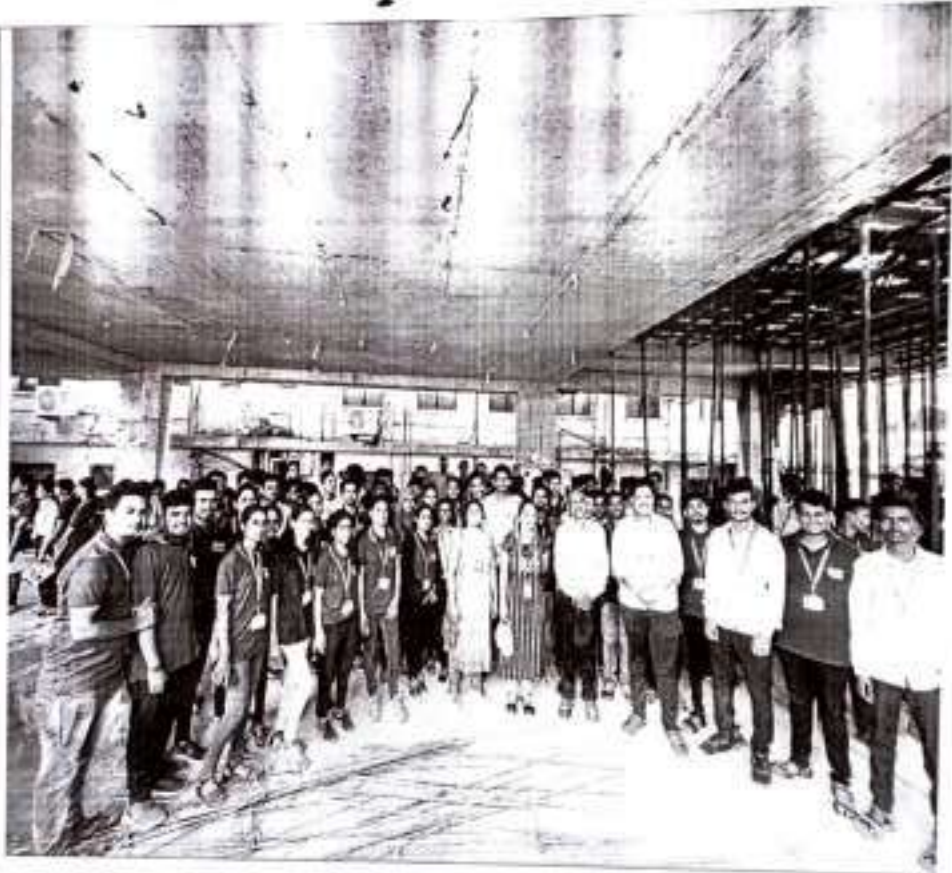
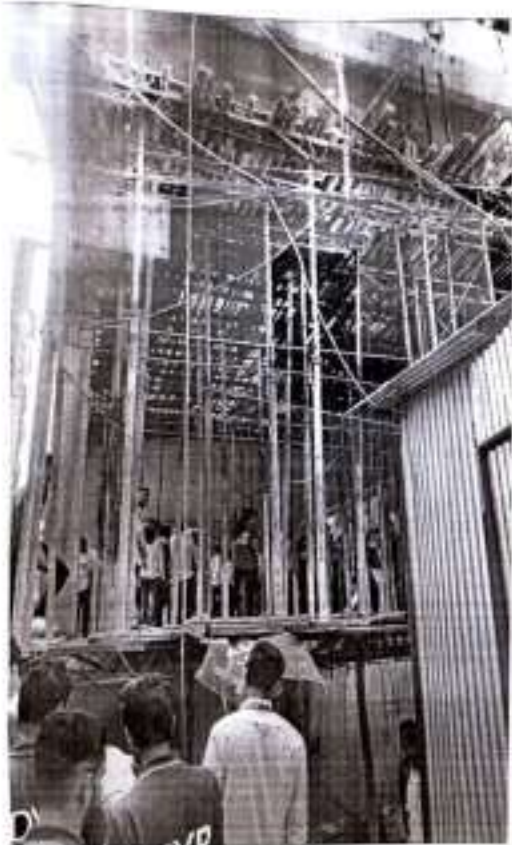

Incharge


HOD


Principal


Campus Director

<Prior approval also to be included, maximum two pages to be submitted and signed, within 7 days after completion of process and file in Academic dean's office>



DVPCOESN, Project completion report



M6XH+XWJ, Laxmipuri,
Kolhapur, Maharashtra
416002, India
14 Oct 2022 12:37 PM


broken
clouds
28.0 °C



M6Xj+P34, Shastrinagar,
Laxmipuri, Kolhapur,
Maharashtra 416002, India
14 Oct 2022 01:09 PM


broken
clouds
29.0 °C

DEPARTMENT OF CIVIL ENGINEERING

To,
Mr. M. D. Devalapurkar,
Morewadi.

Subject:- To seek the permission for visiting your site.

Respected sir,

We are the emerging institute of western Maharashtra recognized by AICTE and affiliated to Shivaji university. Since its inception our institute is taking untiring endeavors for the betterment of the students. We are offering following courses.

Sr. No.	Course Name	Intake
1	Civil Engineering	60
2	Computer Science & Engineering	120
3	Data Science	60
4	Electrical Engineering	60

We would like to visit your esteemed '**Rain water harvesting plant**' if you grant us the permission. It will enable students to get practical knowledge from such a renowned organization like yours. The expected numbers of visiting students is 72 among with 02 faculty members.

So we would like to request you to grant us the permission for the same. Your favorable response in this regards will be highly appreciated.

Thanking You.

Yours Faithfully,

HOD

Civil Engineering

Head Dept. of Civil
Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhe Nagar, Kolhapur

Dr. D. Y. Patil Pratishthan's College of Engineering, Salokhenagar, Kolhapur
PROCESS Report

Form 1

File:

Clusters: Education/Research/External/Admin/Others

Elaboration: **Site visit to " Rain Harvesting plant" at Morewadi Kolhapur**

	Dept :Civil	In charge: Asst Prof. H V Vibhute	File: Dept/C<cluster>/F<file><<No>/SI No/Date
Process Name: Site Visit under WRE	Start date: 13/10/2022	End date:13/10/2022	Status: 100% (Percentile completion)
Outcome: Technical Knowledge	Cost: 0	Head: Dr. S.D.Mane (Principal)	

Summary

Visited Rain Water Harvesting Plant at morewadi under subject Water Resource Engineering. Their students got to see RWH plant. Electric connection in whole bungalow by solar panel, Biogas Manufacturing, Hydroponic Farming, and a short film on Water becoming disaster to whole world.

About the process: Students Gather at college, We went by college bus to Morewadi, then introductory part taken by the owner how RWH plant works, about solar panels & Hydroponic farming. Then students observed & visited every component. At the end students put their thoughts about the whole visit and thanked them as they have allowed us for the visit to their residential bungalow.

Outcome: Students come to know what is RWH plant, how it works, importance of solar panel in current situation, Consumption of Energy via Biogas, and at last about Hydroponic Farming

Points to observe: Components of RWH plant, Solar panel arrangement, Power wattage of panels, Composting process, How hydroponic farming is done, terrace floor farming, how to use, reuse, recycle, reduce the use of domestic water and its per person per capita consumption


Incharge


HOD


Principal


Campus Director

<Prior approval also to be included, maximum two pages to be submitted and signed, within 7 days after completion of process and file in Academic dean's office>



M65W+5JQ, Retnappa
Kumbhar Nagar, Morewadi,
Maharashtra 416013, India
19 Oct 2022 1:04:1 PM



M65W+5JQ, Retnappa
Kumbhar Nagar, Morewadi,
Maharashtra 416013, India
19 Oct 2022 01:12 PM



M65W+5JQ, Retnappa
Kumbhar Nagar, Morewadi,
Maharashtra 416013, India
19 Oct 2022 12:36 PM



M65W+5JQ, Retnappa
Kumbhar Nagar, Morewadi,
Maharashtra 416013, India
19 Oct 2022 12:59 PM



Kolhapur, Maharashtra, India
300 meters Retnappa Kumbhar Nagar, Kolhapur, Maharashtra 416013, India
19 Oct 2022
19 Oct 2022
19 Oct 2022



M65W+5JQ, Ratnappa
Kumbhar Nagar, Morewadi,
Maharashtra 416013, India
13 Oct 2022 12:27 PM



M65W+5JQ, Ratnappa
Kumbhar Nagar, Morewadi,
Maharashtra 416013, India
13 Oct 2022 12:31 PM





M65W+5JQ, Ratnappa
Kumbhar Nagar, Morewadi,
Maharashtra 416013, India
13 Oct 2022 12:37 PM


overcast
clouds
27.0 °C



Dr. D. Y. Patil Pratishthan's College of Engineering
Salokhenagar, Kolhapur

Doc. No: DYP-ADMN-FRM

Revision No. 00

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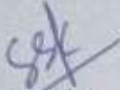
Revision Date:01/07/2019

Industrial Visit

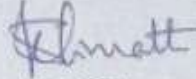
Date: 16/09/2022


Industrial Visit Notice

All the Computer Science and Engineering students are hereby informed that a visit to Akshawani center Panhala is planned for 19th Sept 2022 at 9.00 am. Students need to gather at the main entrance of the college at sharp 08.30 am.


Prepared by:




HOD (CSE)


PRINCIPAL
Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhe Nagar, Kolhapur.

Head of Department
Computer Science and Engineering
Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhe Nagar, Kolhapur



**Dr. D. Y. Patil Pratishthan's College of Engineering
Salokhenagar, Kolhapur**

Doc. No: DYP-ADMN-FRM

Revision No. 00

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Revision Date:01/07/2019

Industrial Visit

Date: 16/09/2022

To,

Mr. Sachin Patil,

Transport Department,


DYPSN Kolhapur.

Subject: Letter for providing bus facility for student's industrial visit.

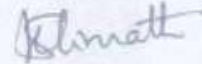
Hello sir,


In Computer Science & Engineering dept, we are organizing one industrial visit for students to Akashwani Kendra, Panhala. For that, we require a bus facility from the college. Depending upon number of students we require either one or two buses.

Kindly please do the needful.


Prepared by:




HOD (CSE)


PRINCIPAL
Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhe Nagar, Kolhapur.

Head of Department
Computer Science and Engineering
Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhe Nagar, Kolhapur



Pic 1: Students and Faculties at Akashwani Centre



Pic 2: Students and Faculties getting information from authorities



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Salokhe Nagar, Kolhapur.



Dr. D. Y. Patil Pratishthan's College of Engineering
Salokhenagar, Kolhapur

Doc. No: DYP-ADMN-FRM

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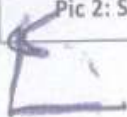
Industrial Visit



Pic 1: Students and Faculties at Akashwani Centre



Pic 2: Students and Faculties getting information from authorities



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College of Engineering
Salokhe Nagar, Kolhapur.



Pic 3: Students getting information from authorities

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Salokhe Nagar, Kolhapur.



**Dr. D. Y. Patil Pratishthan's College of Engineering
Salokhenagar, Kolhapur**

Doc. No: DYP-ACAD-FRM-01

Revision No. 00

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Revision Date:01/07/2019

Department of Electrical Engineering

Energy Club

Activity 2: Industry Visit

**Name of Industry: Padmashree Dr. D Y Patil Sahakari Sakhar Karkhana,
Gaganbavada.**

Course Objectives:

To provide exposure to real working atmosphere and to show how things are done in an organization

Course Outcome:

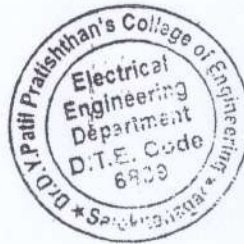
1. To demonstrate cogeneration at DYP sugar factory
2. To write visit report

CO-PO mapping:

CO\PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1						2	2	2	2			3
CO2									3	3		3

The students of Electrical Engineering have visited "DYP Sugar factory" on 24th September 2022. Padmashree Dr. D. Y. Patil Sahakari Sakhar Karkhana Ltd. (PDDYPSSKL) is located at Dnyanshantinagar, Vesaraf - Palsambe, Tal: Gaganbavda, Dist.: Kolhapur, Maharashtra state. The existing cane crushing capacity of the sugar factory is about 4500 TCD and Co-generation plant capacity is 19 MW. First crushing season for sugar factory and co-gen plant was done in year 2003. Now the management of PDDYPSSKL have plan to go for expansion of sugar factory from 4500 TCD to 5500 TCD (expansion by 1000 TCD), co-gen plant from 19 MW to 23 MW (expansion by 4 MW), and establishment of 60 KLPD molasses based distillery.

The photos are taken by Sourabh Desai, Pooja Ghatage, Jaydeep Autade, Prajwal Shinde.





Dr. D. Y. Patil Pratishthan's College of Engineering
Salokhenagar, Kolhapur

Doc. No: DYP-ACAD-FRM-01

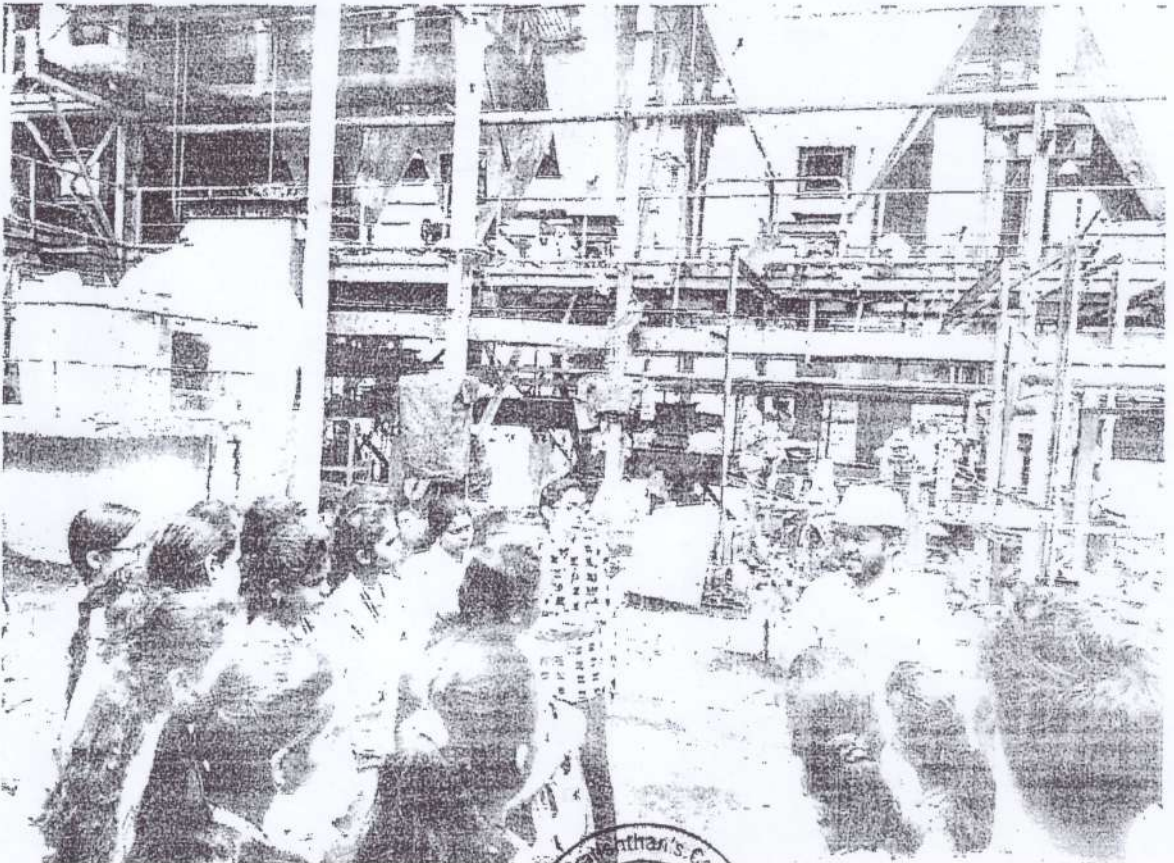
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Revision Date:01/07/2019

Department of Electrical Engineering

Energy Club





**Dr. D. Y. Patil Pratishthan's College of Engineering
Salokhenagar, Kolhapur**

Doc. No: DYP-ACAD-FRM-01

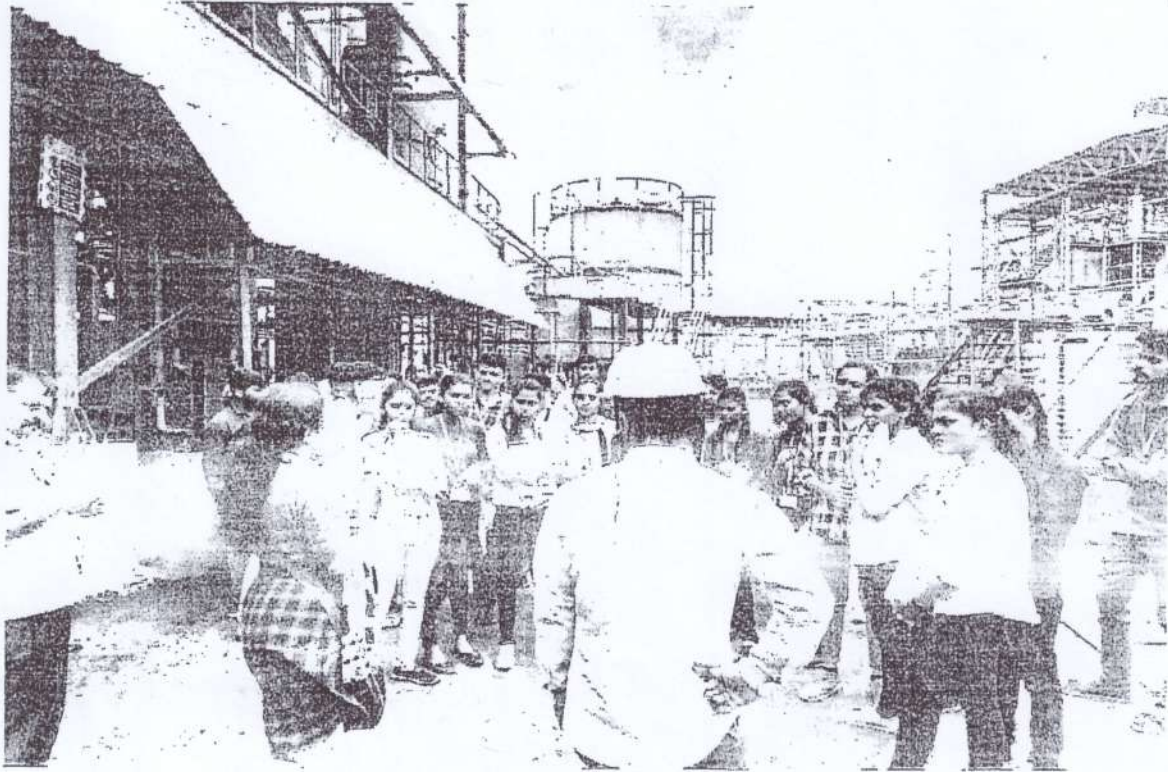
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Department of Electrical Engineering

Energy Club



Dr. D. Y. Patil Pratishthan's
**COLLEGE OF
ENGINEERING**



Salokhenagar, Kolhapur - 416007

Ref. No. : DYP/COE/2022-23/645

Date : 19 / 09 / 2022

To
The Director
Padmashree Dr. D. Y. Patil Sahakari Sakhar Karkhana Ltd. (PDDYPSKL)
Dnyanshantinagar,
Vesaraf - Palsambe,
Tal: Gaganbavada,
Dist.: Kolhapur
Maharashtra.

Subject: Permission to cogeneration plant

Dear Sir,

It is a matter of great pride and privilege to introduce our Institute. Dr. D Y Patil Pratishthan's College of Engineering, Salokhenagar, Kolhapur (DYPSN) is one of the budding Technical Institute in the state of Maharashtra. DYPSN has been established in the year 2014 with a view to build a bright future for the young people of the rural part of our country. The college is approved by AICTE, New Delhi, recognized by Govt. of Maharashtra i.e. DTE, Mumbai and affiliated to Shivaji University, Kolhapur. The motto of the college is to provide the best quality technical education to the students from rural background and motivate them to become creative, responsible engineers.

On behalf of the Department of Electrical Engineering, DYPSN, I am writing this letter to you to get permission to visit "Cogeneration Plant" on Saturday, dated 24th September 2022 for academic purpose. The number of students visiting the power plant is 50 along with 2 faculty members. The list of students and faculty members is attached herewith. I request you kindly allow us for the same.

Hope you understand the need of the visit for the educational purpose.

Thanks and regards.

Yours faithfully,

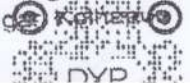


Principal
PRINCIPAL

Dr. D. Y. Patil Pratishthan's
College of Engineering

Salokhenagar, Kolhapur

Approved by AICTE (New Delhi), Govt. of Maharashtra, DTE Mumbai and Affiliated to Shivaji University



Dr. D. Y. Patil Pratishthan's
**COLLEGE OF
ENGINEERING**



Salokhenagar, Kolhapur - 416007

Ref. No. : DYPCOE / 2022-23 / 646

Date : 19 / 09 / 2022

To
The Director
Padmashree Dr. D. Y. Patil Sahakari Sakhar Karkhana Ltd. (PDDYPSSKL)
Dnyanshantinagar,
Vesaraf - Palsambe,
Tal: Gaganbavada,
Dist.: Kolhapur
Maharashtra.

Subject: Thanking for permitting to visit cogeneration plant

Dear Sir,

On behalf of the Department of Electrical Engineering, DYPSN, I am writing this letter to you to thank for having extended kind support and informative and enlightening visit at the cogeneration plant, Vesaraf - Palsambe. It was a wonderful and learning experience for having visited the cogeneration plant. The students are benefited with lots of knowledge.

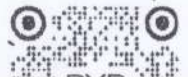
I expect the same kind of cooperation in future.

Thanks and regards.

Yours faithfully,

Principal

PRINCIPAL
Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhe Nagar, Kolhapur





EN6839

Dr. D. Y. PATIL PRATISHTHAN'S
COLLEGE OF ENGINEERING

Affiliated to Shivaji University, Kolhapur.
Approved by AICTE (New Delhi), Govt. of Maharashtra, DTE Mumbai.

Hon. Dr. Sanjay D Patil
PRESIDENT
Hon. Satej D Patil
VICE PRESIDENT
Dr. Vish P Kallimani
PhD in CSc, Fellow UK.
PRINCIPAL

Form ID. : DYPCOE: Transport / 002

Date: 19/09/2022

INDENT FOR BUS TRANSPORT

1. Department/ Institute: Department of Electrical Engineering
2. Name of Staff Coordinator: Ms. Londhe Apurva A.
3. Contact number of Staff Coordinator: 8530736297
4. Bus required on: (Date) 24/9/22 at (Time) 6.00 am Place of Travel Gaganbavada
5. Purpose: Industry visit to cogeneration plant
6. Duration of Travel Form (Date) 24/9/22 To (Date) 24/9/22
7. Number of Students: _____
8. Number of Driver: Mr. Dashrath Kumbhar
9. Applicable for other institute: Total Distance (km) _____ Diesel (IL/5km) _____

Londhe
19.09.22
Staff Coordinator Signature

Dashrath
Head of Department/ Institute

Instructions:-

- (a) This bus is only for travelling within the Kolhapur district and for academic purpose only.
- (b) Permission of RTO has to be taken by concern Department / Institute if bus required.
- (c) NOC of Student has to be taken by concern staff coordinator & Department/ Institute.
- (d) In case of Holiday DA of Rs. 500/- to be paid to Driver.
- (e) Diesel has to be Filled by concern Department./ Institute and receipt has to be submitted to office.

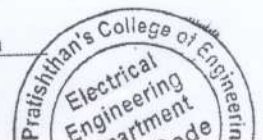
Bus Facility Coordinator

Registrar

Principal

Note : Forward the indent to office at least 48 hours in advance duly signed by all authorities & one photocopy to be submitted to Concern Bus Driver.

865,'A' Ward, Salokhenagar, Kolhapur- 416007. Ph. 0231-2320914
Email: dype472.ec@unishivaji.ac.in Website: <http://coes.dypgroup.edu.in>
<http://vt.vu/+dypsalokhenagar>





Dr. D. Y. Patil Pratishthan's College of Engineering
Salokhenagar, Kolhapur

Doc. No: DYP-ADMN-FRM-01

Revision No. 00

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Revision Date:01/07/2019

Department of Electrical Engineering

College Bus Permission

Date:-24/05/2022

To,
The Campus Director,
DYPCOE, Salokhenagar,
Kolhapur

Subject: Regarding provision of bus facility.

Respected Sir,

Department of Electrical Engineering arranged site visit to Gelawade, Kasari (Hydro Electric Power Plant) Tal- Shahuwadi, Kolhapur . On Saturday 28 May 2022. At 9.00 am under subject power system I for SY B Tech electrical students. For convenience purpose, we need college bus for travelling of students to venue. The total strength of student is 74.

So it is request from our side to allow us to take college bus for the same.

Thanking You,

With Regards.

To,
Sachin Patil
Pl. arrange
Shrijat
24/5/22

Yours Faithfully,

H.O.D.

Electrical Engineering Department



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Dr. D. Y. PATIL PRATISHTHAN'S
COLLEGE OF ENGINEERING

Affiliated to Shivaji University, Kolhapur.
Approved by AICTE (New Delhi), Govt. of Maharashtra, DTE Mumbai.

Hon. Dr. Sanjay D Patil
PRESIDENT
Hon. Satej D Patil
VICE PRESIDENT

Ref. No. : DYPCOE/20 21- 22 | 485

Date: 24/05/2022

To,

Vishwaj Energy Pvt Ltd.

Gelawade, Kasari (Hydro Electric Power Plant)

Tal- Shahuwadi, Kolhapur .

Subject- Permission to conduct industry visit.

Respected Sir,

We, the faculty of Electrical Engineering Department from Dr. D. Y. Patil Pratishthan's College of Engineering Salokhe Nagar Kolhapur, requests you to permit us to visit the power plant for the students of S.Y.B tech Electrical on study tour of Hydro Power Generation on 28/05/2022 .

The strength of the S.Y.Electrical Class is 74 students and accompanied with Two faculty members. Yours favorable response in this regards will be highly obliged.

Thanking you,

With Regards,

Yours faithfully,



PRINCIPAL
Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhe Nagar, Kolhapur

ROLL CALL LIST

Department: Electrical Engineering

Date:

Academic Year: 2021/22

Semester:

Class: S. Y. B. Tech

Division: -

Roll No.	Name of Student	Batch	Sign
01	Manali Chandrakant Chavan	S1	
02	Digvijay Amol ChavanBandare		
03	Pratik Ashok Chougule		
04	Govinda Vasant Jadhav		
05	Nimesh Mahesh Jadhav		
06	Sanskar Sanjay Kamble		
07	Prathamesh Maruti Kamble		
08	Pritam avindra Kumbhar		
09	Sai prasad Baburao Lohar		
10	Vijay Ananda Magdum		
11	Prasad Sachin Mane		
12	Shreyash Nigade		
13	Akshay Amar Patil		S2
14	Swarupa Balvant Patil		
15	Varun Basavraj Pujari		
16	Rushikesh Jotiba Salgaonkar		
17	Poornima Anil Shinde		
18	Shetage Rajendra Vilas		
19	Kotekar Amar Vishnu		
20	Kolekar Bhaktibhavana Bhupal		
21	Sutar Sandhya Ganesh		
22	Tibile Divya Ganesh		
23	Saravane Vishal Maruti		
24	Patil Namrata Balvant		
25	Shingare Mayuri Balu		
26	Kamble Prajwal Raghu		
27	Koli Ankita Annaso		
28	Chougale Shridhar Maruti		
29	Mane Priyanka Anil		
30	Mahajan Soham Sandeep		

Shishir R. Kulkarni

Prepared by: Prof. Shishir R. Kulkarni

Verified by: Prof. S. S. Deshpande
Head of Department



Dr. D. Y. Patil Pratishthan's College of
Engineering
Salokhenagar, Kolhapur

Doc. No: DYP-ACAD-FRM-4b

Revision No. 00

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Revision Date: 04/02/2021

ROLL CALL LIST

31	Gaikwad Ankita Vijaykumar		
32	Lokare Siddhant Dattatray		
33	Jadhav Avadhut Tanaji		
34	Pawar Shruti Ramesh		
35			
36	Patil Neha Jaysing		
37	Kamble Saloni Ratnghosh		
38	Kamble Divya Balaso		
39	Shingade Shruti Sardar		
40	Sangar Akash Ramesh		
41	Nalawade Vaishnavi Prakash		
42	Jogdand Deepak Laxman		
43	Neha Hanumant Waghmare		
44	Mane Sakshi Sanjay		
45	Jadhav Aishwarya Sanjay		
46	Kapale Shivkumar Ramesh		
47	Kamble Sourabh Chandrakant		
48	Shinde Ankita Rajesh	S3	
49			
50	Rohan Shivgonda Patil		
51	Chavan Vaishnavi Ananda		
52	Zambare Sanika Balaso		
53	Mane Shantanu Manoj		
54	Lagas Ajay Ankush		
55	Kadam Shubham Manohar		
56	Soyab Majjid Makubhai		
57	Basarwadkar Anish Dhanaji		
58	Patil Amey Avinash		
59	Onkar Suhas Relekar		
60			
61	Pawar Tejas Vikas	S4	
62	Dalavi Pratiksha Bhimrao		
63	Dhere Gautam Nandkumar		
64			
65	Chavan Akash Appaso		
66	Gurav Rohan Sandesh		

D. Kulkarni
Prepared by: Prof. Shishir R. Kulkarni

Verified by: Prof. S. S. Deshpande
Head of Department



Dr. D. Y. Patil Pratishthan's College of
Engineering
Salokhenagar, Kolhapur

Doc. No: DYP-ACAD-FRM-4b

Revision No. 00

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Revision Date: 04/02/2021

ROLL CALL LIST

67	Shedage Monali Pralhad		
68	Mohite PatilRutikraj Sunil		
69	Budkar Prathmesh Madhukar		
70	Mahajan Yash Chandrakant		
71	Kurade Mayur Rajaram		
72	Choudhari Prerana Jitendra		
73	Ambekari Manjur Mahammad		
74	Sahil kosamkar		
75	Prasad Jadhav		
76	Atharva Dipak Shinde		
77	Ajay Laxman Pawar		
78	Amit Tukaram KadamPatil		

No. of Boys: 47

No. of Girls: 27

Total No. of Students: 74

Prepared by: Prof. Shishir R. Kulkarni

Verified by: Prof. S. S. Deshpande
Head of Department



EN6839

Dr. D. Y. PATIL PRATISHTHAN'S
COLLEGE OF ENGINEERING

Affiliated to Shivaji University, Kolhapur.
Approved by AICTE (New Delhi), Govt. of Maharashtra, DTE Mumbai.

Hon. Dr. Sanjay D Pa
PRESIDENT
Hon. Satej D Patil
VICE PRESIDENT

Ref. No. : DYPCOE/2022/480

Date: 19 / 05 / 2022

To
The Chief Executive Officer
Shri Saibaba Sansthan, Shirdi
Maharashtra.

Subject: Permission to visit Solar Powered Kitchen - Shree Sai Prasadalay

Dear Sir,

It is a matter of great pride and privilege to introduce our Institute. Dr. D Y Patil Pratishthan's College of Engineering, Salokhenagar, Kolhapur (DYPSN) is one of the budding Technical Institute in the state of Maharashtra. DYPSN has been established in the year 2014 with a view to build a bright future for the young people of the rural part of our country. The college is approved by AICTE, New Delhi, recognized by Govt. of Maharashtra i.e. DTE, Mumbai and affiliated to Shivaji University, Kolhapur. The motto of the college is to provide the best quality technical education to the students from rural background and motivate them to become creative, responsible engineers.

On behalf of the Department of Electrical Engineering, DYPSN, I am writing this letter to you to get permission to visit "Solar Powered Kitchen – Shree Sai Prasadalay" on Friday, dated 27th May 2022 for academic purpose. The number of students (Third Year - Electrical) visiting the power plant is 40 along with 2 faculty members. The list of students and faculty members is attached herewith. I request you kindly allow us for the same.

Hope you understand the need of the visit for the educational purpose.

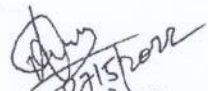
Thanks and regards.

Yours faithfully,



Principal

PRINCIPAL
Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhe Nagar, Kolhapur


प्रधानाचार्य विभाग
श्री साईबाबा संस्थान, शिर्डी, महाराष्ट्र



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COLLEGE OF ENGINEERING

Affiliated to Shivaji University, Kolhapur.
Approved by AICTE (New Delhi), Govt. of Maharashtra, DTE Mumbai.

Hon. Dr. Sengupta
PRESIDENT
Hon. Salej D. Patil
VICE PRESIDENT

Ref. No. : DYPCOE/2022/480/1

Date: 27/05/2022

To
The Chief Executive Officer
Shri Saibaba Sansthan, Shirdi
Maharashtra.

Subject: Thanking for permitting to visit Solar Powered Kitchen - Shree Sai Prasadalay

Dear Sir,

On behalf of the Department of Electrical Engineering, DYPSN, I am writing this letter to you to thank for having extended kind support and informative and enlightening visit at Shree Sai Prasadalay, Shirdi. It was a wonderful and learning experience for having visited solar powered kitchen at Shirdi. The students are benefited with lots of knowledge.

I expect the same kind of cooperation in future.

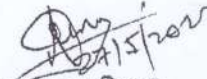
Thanks and regards.

Yours faithfully,



Principal

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Salokhe Nagar, Kolhapur


मेकॅनिकल विभाग
श्री साईबाबा संस्थान शिक्षणव्यवस्था शिर्डी



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Hon. Dr. Sanjay D Patil
PRESIDENT
Hon. Satej D Patil
VICE PRESIDENT
Dr. Vish P Kallimani
PhD in CSc, Fellow UK.
PRINCIPAL

Ref. No. : DYPCOE/20

Date: 24 / 11 / 2021

To,

HR,

Lokmat Kolhapur.

Subject: Asking for permission for industrial visit.

Hello sir,

I am writing this on behalf of the CSE dept. at Dr. D. Y. Patil Pratishthan's college of Engineering, Salokhenagar, Kolhapur, seeking your permission to conduct an industrial visit to your industry situated at Shiye, Kolhapur on 30/11/2021.

There would be 100 students and 2 faculty members. This visit will help our students to understand various new technologies in dept. The purpose of this visit is to create industry environment awareness among students.

Kindly grant us permission for the industrial visit and make necessary arrangements for the same. We look forward to a positive reply from your side.

Thanking you,

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College of Engineering
Salokhe Nagar, Kolhapur.



Prof. Mrs. Sneha S. Ghewari

Department of Comp. Sci. & Engg.

Head of Department
Computer Science and Engineering
Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhe Nagar, Kolhapur

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Hon. Dr. Sanjay D Patil
PRESIDENT
Hon. Satej D Patil
VICE PRESIDENT
Dr. Vish P Kallimani
PhD in CSc, Fellow UK.
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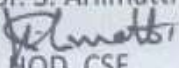
5839


DYPCOE/20

Date: 26 / 11 / 2021

Industrial Visit Notice


All the students of S. Y. CSE are hereby informed that, an Industrial Visit to Lokmat Office is planned on 30th Nov., 2021 at 01.00 pm. Students need to be present in college at sharp 12.00 pm.

Prof. S. Arlimatti

MOD, CSE


Prof. Mrs. Sneha S. Ghewari
Faculty Co-ordinator

Head of Department
Computer Science and Engineering
Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhe Nagar, Kolhapur




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Some images of the industrial visit



Image 1: Students understanding the working about different modules



Image 2: Students attending one informative session at Lokmat



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Dr. D. Y. PatilPratishthan's College of Engineering
Salokhenagar, Kolhapur

Doc. No: DYP-ADMN-FRM-02

Revision No. 00

Page 1 of 1

Revision Date:01/07/2019

Class:- B E Civil

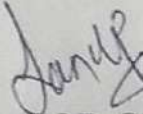
Visit Notice

Date: 04/03/2020

NOTICE

All the students of B.E. Civil are hereby informed that their site visit arranged on Wednesday, 11/03/2020 to Aruna Earthen dam and wind mills at Devgad.

All students must be presents at college Campus on 7.00 am with all travelling essentials. Attendance is mandatory to all.


04/03/2020
HOD Civil

Head Dept. of Civil
Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhenagar, Kolhapur



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Salokhenagar, Kolhapur

Doc. No: DYP-ADMN-FRM-02

Revision No. 00

Page 1 of 1

Revision Date:01/07/2019

Class:- B E Civil

Permission For Visit

Date: 04/03/2020

To,
The Principal,
DYPCOE, Salokhenagar,
Kolhapur

Subject: - Regarding Permission for B E Civil One-Day study visit to Aruna Dam & Wind Mills at Devgad on Wednesday 11/03/2020.

Respected Sir,

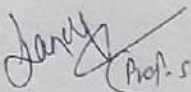
With reference to above subject, we require your permission for Visit to Aruna Dam and Wind Mills at Devgad on Wednesday 11/03/2020. The visit is for B.E Civil Engineering students of our College for the subject "Water Resource Engineering" as per the guidelines of Shivaji University, Kolhapur.

The visit consists of total 54 numbers of students along with two staff members. We will be taking an undertaking of all students concerning the safety measures for the visit. We assure that our staff member and students will follow all the rules and regulations at the site.

So kindly permit us to visit.

Thanking you.

Yours Faithfully,


(Prof. S.S. Nale)



Dr. D. Y. Patil Pratishthan's College of Engineering
Salokhenagar, Kolhapur

Doc. No: DYP-ACAD-FRM-19

Revision No. 00

PAGE 1 of

Revision Date:01/07/2019

SITE VISIT STUDENT ATTENDANCE

Class:BE Civil

Subject: Water Resources Engineering-II

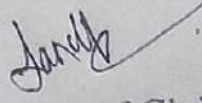
Visit: Aruna Dam, Near Vaibhavwadi

Date: 11/03/2020

Roll No.	Name	Present (P) / Absent (A)
1	BAVDHANE RUPALI	P
2	BELEKAR SAINATH TANAJI	P
3	BHAKARE SIDDESH SANJAY	P
4	BHANDIGARE PRATIRAJ SANJAY	P
5	BHATALE PRANAV VISHNUPANT	P
6	BHOPALE PRIYANKA MARUTI	P
7	CHAVAN ANIKET BABURAO	P
8	CHOUGULE SOURABH DILIP	P
9	DABHADE OMKAR SHARADRAO	A
10	DAVARE AKASH SUNIL	P
11	DAVARI OMKAR SANJAY	P
12	DHOKARE ASHITOSH RAGHUNATH	P
13	DHUMAL DHIRAJ DNYANDEV	P
14	GAIKWAD VIKRANT VIJAY	P
15	GAVHANE SHRIKRISHNA BALIRAM	P
16	GHADGE SUJEET SAINIK	P
17	GHARAL RUPSINHA KRISHNAT	P
18	GHATAGE YASH SHARAD	P
19	GORE SANDHYA SONU	P
20	JADHAV PUNAM VISHNU	P
21	JADHAV VAIBHAV	P
22	JATHAR AVADHUT ASHOK	P
23	JOSHI AMEYA VIJAY	P
24	KAMBLE ABHISHEK VILAS	P

SITE VISIT STUDENT ATTENDANCE

26	KHADE HRISHIKESH SATISH	A.
27	KONDUSKAR MANISH MANGESH	P
28	LANGOTE ROHIT NARAYAN	P
29	LOKARE DIGVIJAY SAMBHAJI	P
30	MANE DEEPALI PARMESHWAR	A.
31	MASUTAGE MITHIL MANOJ	A.
32	NADAF SAUD ABUBAKAR	P
33	NIKAM SUCHITA RAJENDRA	A.
34	NITORE PRASANNA ANANT	P
35	PARIT GORAKHSHNATH	P
36	PARTE DHANANJAY HARIBHAU	P
37	PATIL AKSHAY BALU	P
38	PATIL JYOTI EKNATH	A.
39	PATIL PRADIP BALVANT	P
40	PATIL PRATIK SANJAY	P
41	PATIL ROHIT RAGHUNATH	P
42	PATIL SURAJ BALAVANT	A.
43	POWAR PRITAM VIJAYKUMAR	P
44	RANDIVE PARAG EKNATH	P
45	SATHE SAMARAJIT SANTARAM	P
46	SAWANT VINAYAK SHIVAJI	P
47	SHINDE PRATHAMESH DNYANESHWAR	P
48	SHIPEKAR CHETAN DINKAR	P
49	SURYAWANSHI SATYAJEET VIJAY	P
50	TRAMBADIA JAYKUMAR HARESHBHAI	A.
51	WAGARE DIPALI DATTATRAY	P
52	YADAV TEJASWINI BAJARANG	P
53	SONALE CHETAN	A
54	SWAPNIL SHETTY	P.
55	PATIL TEJAS	A


Head Dept. of Civil
Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhe Nagar, Kolhapur



**Dr. D. Y. Patil Pratishthan's College of Engineering
Salokhenagar, Kolhapur**

Doc. No: DYP-ADMN-FRM-02

Revision No. 00

Page 1 of 1

Revision Date:00

Class:- BE Civil

Visit photos



Dam Visit photos



Dr. D. Y. Patil Pratibha's College of Engineering, Salokhenagar Kolhapur

Form 2 - PROCESS REPORT

Clusters: Education/Research/External/Admin/Others
 Elaboration: - Education



Industrial Visit of B.E.Civil at Aruna Dam near Gaganbawada, Dist:Kolhapur.	
Dept : CIVIL	In charge:- Prof. S.S.Nale
Process Name: - Industrial Visit	File:- College Level
Start date :- 11/03/2020	End date:- 11/03/2020
Cost:-	Status: - 100%
Outcome:- B.E.Civil Students got information about Earthan Dam	
Head :- Prof. S.S.Nale	

Summary:- Visit should be arranged to Aruna dam on 11/03/2020, With prior intimation of irrigation department. After getting their permission Aruna Dam is visited with all safety precautions. Mahalaxmi Construction Company, Pune can execute the project. Thier Project Engineer provide all necessary data with drawings to students.

About the process:- To get permission from Principal sir-got permission from irrigation department-Convey message to students- Fix visit day- Visit completed.

Ourcome:- The student can get Technical knowledge about earthan dam and Civil Construction equipments.

Points to observe:- Transportation arrangement, safety at site, Discipline of students

 Head	 Vice Principal/Registrar	 Principal
---	--	---

Palshi
Received



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Dr. D. Y. Patil Pratishthan's

COLLEGE OF ENGINEERING

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Hon. Dr. Sanjay D. Patil

PRESIDENT

Hon. Satej D. Patil

VICE PRESIDENT

Dr. V. P. Kallimani

Ph. D in CSc, Fellow UK, ME (E&C)
PRINCIPAL

Ref. No. : DYPCOE/2019 / 487

Date : 19 / 09 / 2019

To,

Office In charge,

Vermicomposting Plant,

Zilha Parishad , Kolhapur.

Subject: Regarding permission for visit to Vermicomposting Plant.

Sir/ madam,

With reference to above subject, we require your permission for visit for Final year students for the subject " Solid Waste Management " as per guidelines of Shivaji university curriculum syllabus for study of vermicomposting process.

The visit consists of total 55 students along with two staff member. So requesting you to grant us permission for site visit at your premises.

We assure that our students and staff member will follow all rules and regulations at the site.

So kindly permit us to visit.

Thanking you.

Yours faithfully,



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Salokhe Nagar, Kolhapur.

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College of Engineering
Salokhe Nagar, Kolhapur

865, 'A' Ward, Salokhenagar, Kolhapur - 416007 Maharashtra India. Ph. : 0091231 - 2320914

E mail - dype472.ec@unishivaji.ac.in Website : coes.dypgroup.edu.in

- Kolhapur Innovation Center (KIC)
- Civil Mech C.SF & Electrical Engg

- Tejas Innovation Center
- Training & Consultancy

- International Programmes
- Research



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Doc. No: DYP-CIVIL FORM 01

Revision No. 00

PAGE 1 of 1

Revision Date:01/07/2019

Notice

Date 23/09/19

Notice

All BE Civil students hereby informed, that visit is arranged for the subject Solid Waste Management on Tuesday ,24th September, 19. The aim of visit is to study Vermicomposting plant procedure.

Venue : Vermicomposting plant ,Zilha Parishad, Kolhapur.

Time : 2 pm .

Note : Attendance is mandatory to all students.

Asahi
Subject I/C

[Signature]
PRINCIPAL
Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhe Nagar, Kolhapur.

[Signature]
HOD Civil
Head Dept. of Civil
Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhe Nagar, Kolhapur



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Salokhenagar, Kolhapur

Doc. No: DYP-ADMN-FRM-02

Revision No. 00

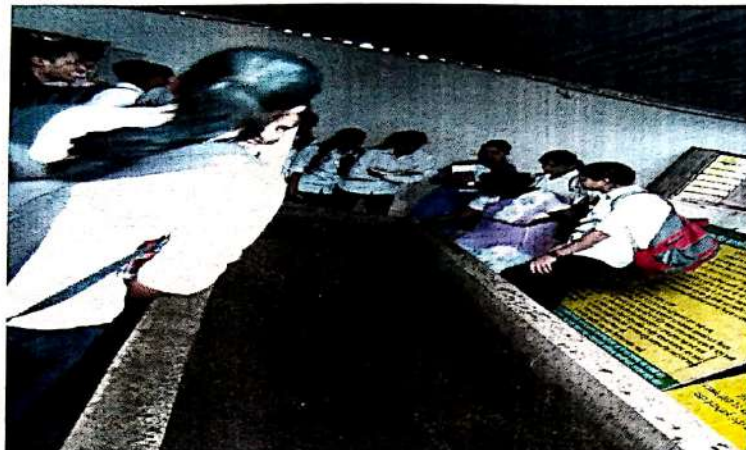
Page 1 of 1

Revision Date:01/07/2019

Department of Civil Engineering

Academic Visits Photo Gallery

BE civil students visited vermicomposting plant, Z.P.Kolhapur dated on
24/09/19



Z.P.Kolhapur ,Vermicomposting plant bed



Z.P.Kolhapur ,Vermicomposting plant

Palahi
Subject I/C

[Signature]
PRINCIPAL
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College of Engineering
Salokhe Nagar, Kolhapur.

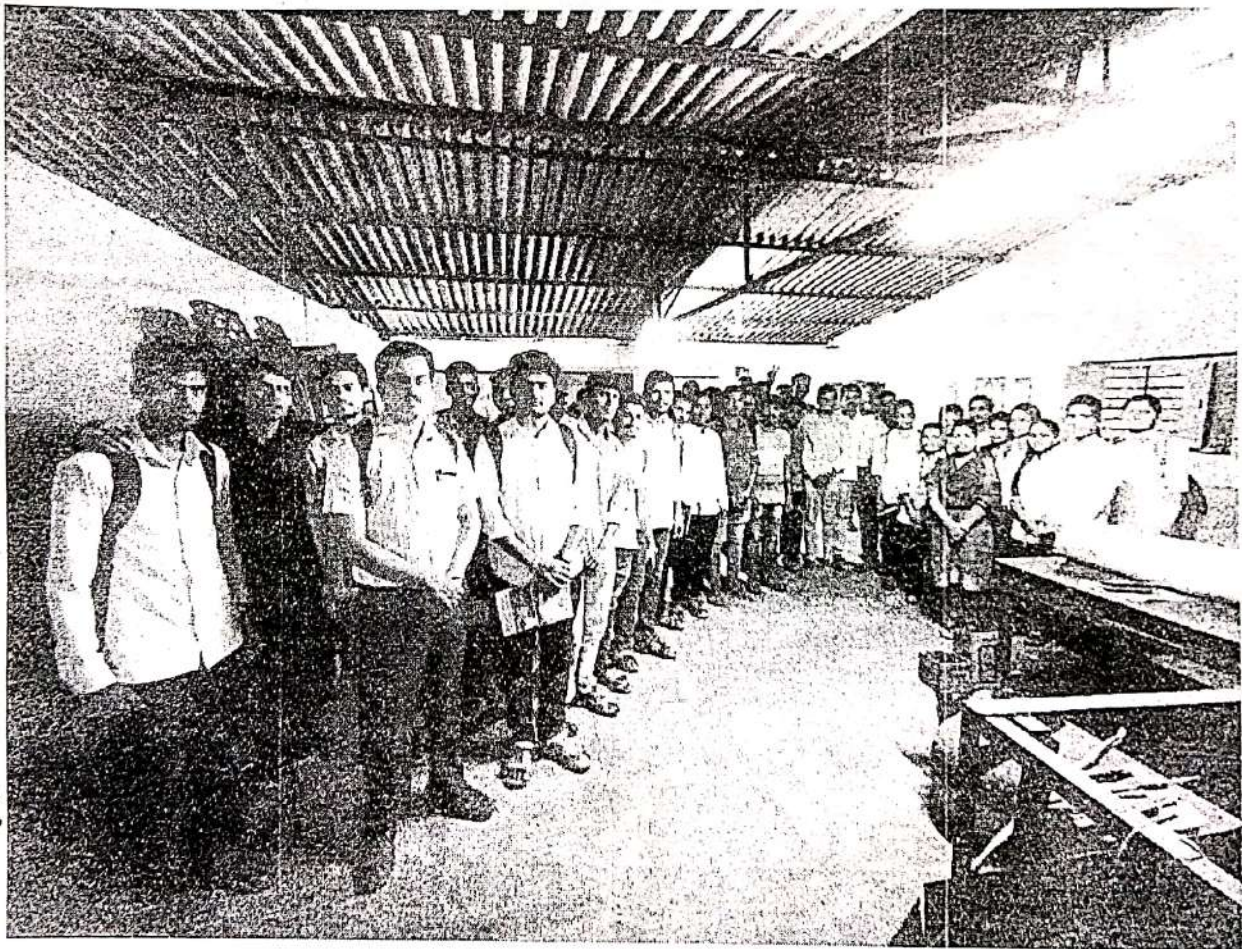
[Signature]
HOD

Head Dept. of Civil
Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhe Nagar, Kolhapur

SOLID WASTE MANAGEMENT

VISIT TO THE VERMI COMPOSTING PLANT

LOCATION- JILHAPARISHAD OFFICE NAGALA
PARK, KOLHAPUR



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Salote, Nagor, Kolhapur.



College of Engineering Salokhe Nagar, Kolhapur.

- Visit Report -

Name of visit - Vermicomposting plant

Place :- Near zilha parishad office Kolhapur.

Date :-

Guidance :-
i) Miss Amruta patil mam
ii) Mr. Jamdoani sir.

Introduction

Our class BE Civil have arranged visit to Vermicomposting plant, under the subject of solid waste management.

Details of visit :-

1) Vermicomposting

It is a type of composting in which certain species of earthworms are used to enhance the process of organic waste conversion and produce a better end product (Fertilizer).

2) Material used in Vermicomposting.

- i) Farm waste
- ii) Fresh dung
- iii) Earth worms
- iv) Water

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vii) The material were allowed to decompose for 110 days and then take for used.

* Advantages:-

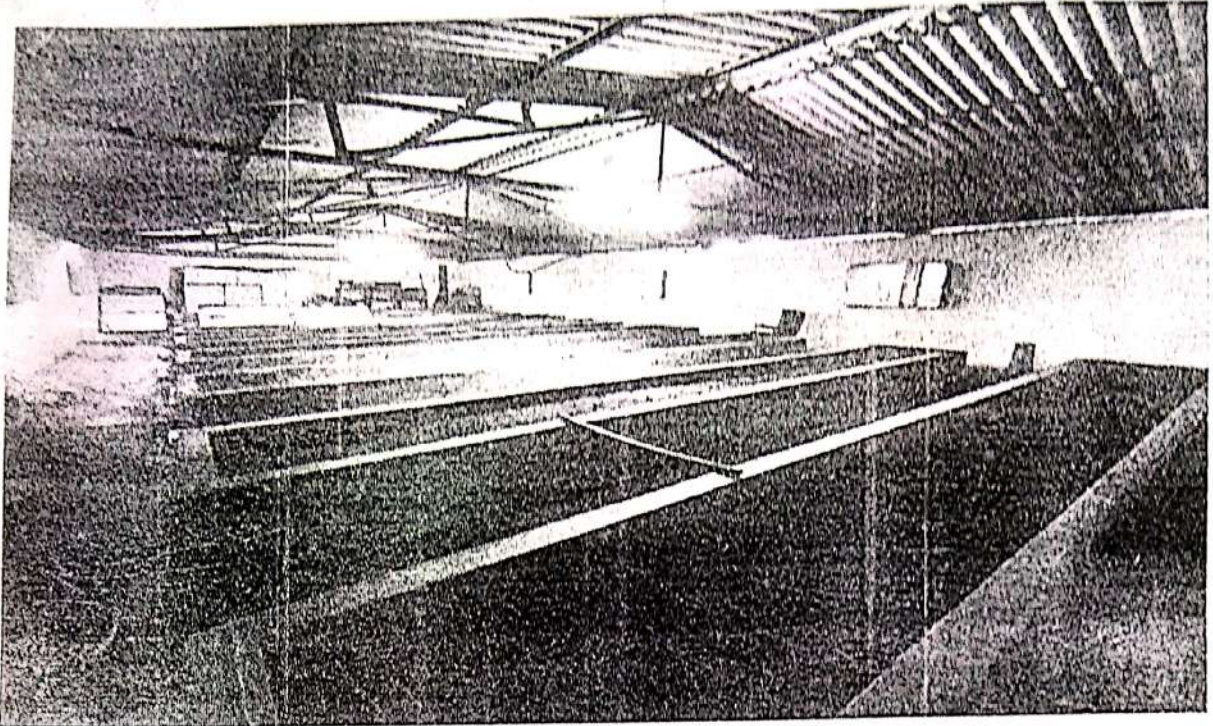
1. It restores microbial population which includes nitrogen fixers, phosphate, solubilizer etc.
2. provides major and micro nutrients to plants.
3. Improve soil aeration.
4. Improve structural stability of the soil thereby preventing soil erosion.
5. Improve soil texture and water holding capacity of soil.
6. Enhance the quality of grains/ fruits.

* Applications:-

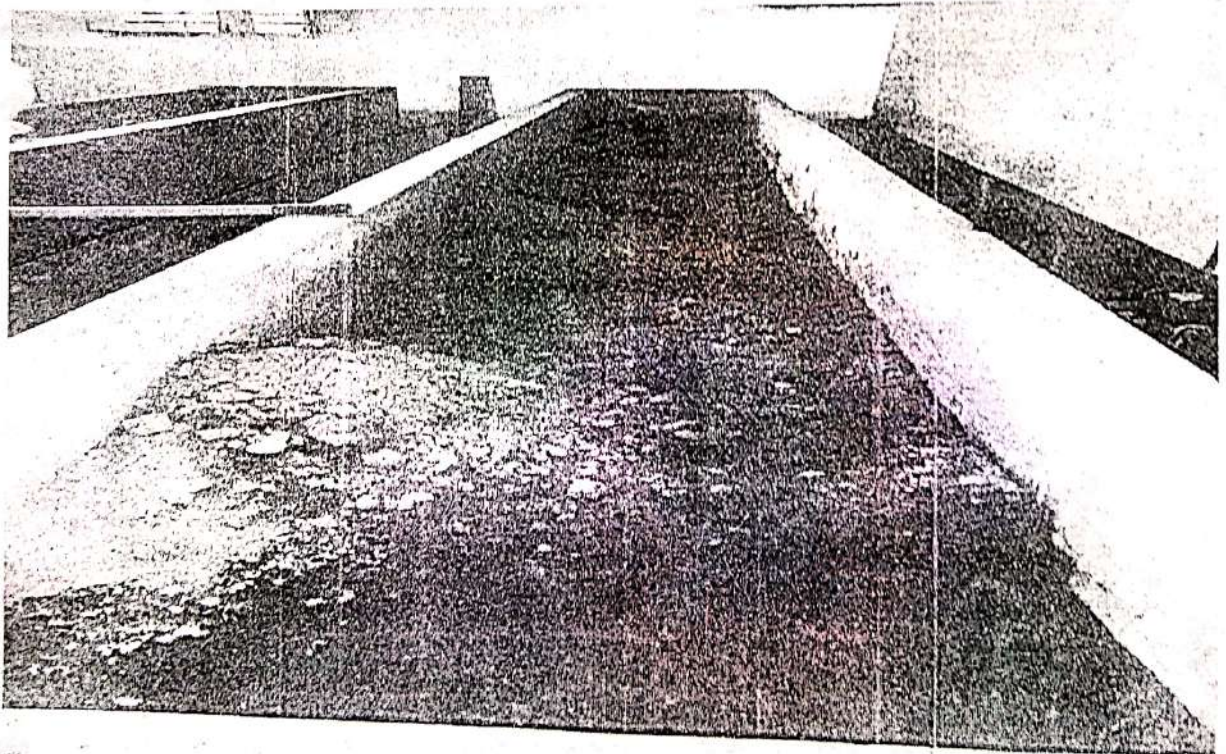
- 1) Vermi-composting is superior to most compost as an inoculant in production of compost.
- 2) Worms have a number of other possible uses in farm including value as a high quality animal feed.
- 3) Vermi composting offers potential to organic farmers as source of supplemental income.

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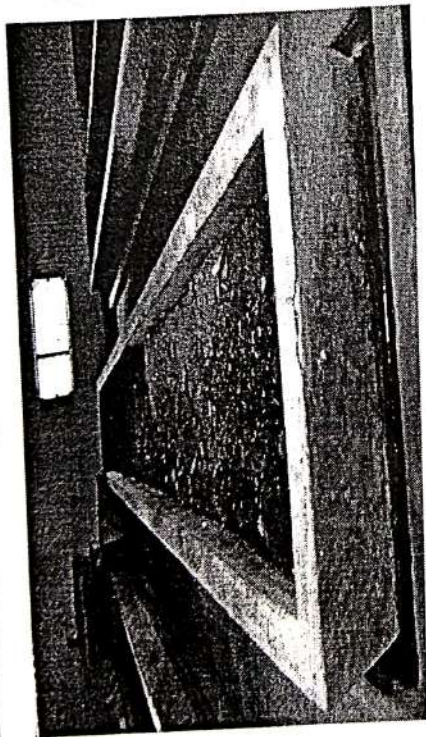
VERMICOMPOST BEDS



COMPOSTING IN PROCESS


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Salokha Nagar, Kolhapur.

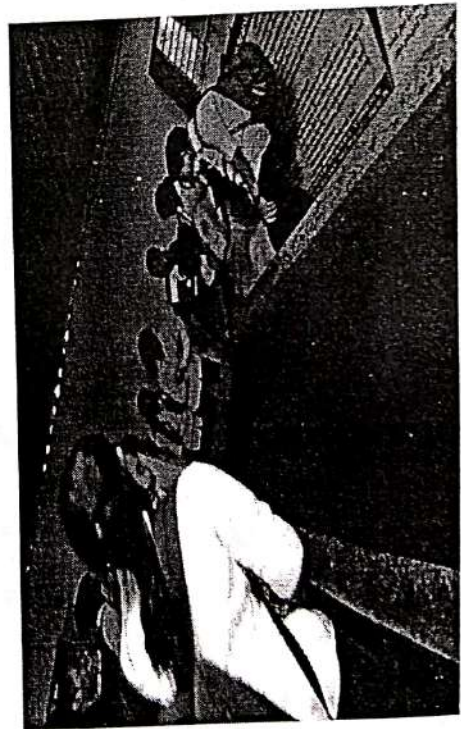
Photo Gallery



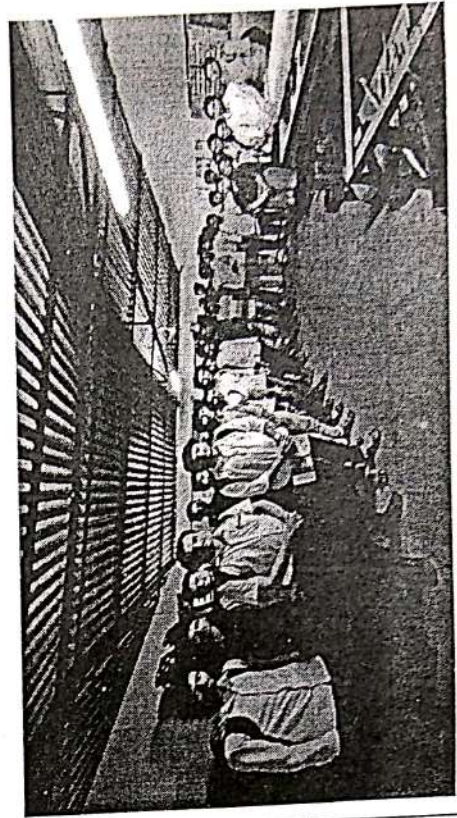
Vermicomposting beds



Red Earthworms used for Vermicomposting Process for Decomposition



Actual on-site explanation by staff



Group Photo

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Salokhenagar, Kolhapur

Doc. No: DYP-Site Visits-FRM-03
Revision No. 00
Department : Civil Engineering
Revision Date:
Day: Tuesday
Date: 24/09/19
Time: 2 pm
Class : BE
Sub: SWM

Student Attendance Sheet

Roll No.	Name of the Student	Signature of Student
1	BAVDHANE RUPALI	
2	BELEKAR SAINATH TANAJI	
3	BHAKARE SIDDESH SANJAY	
4	BHANDIGARE PRATIRAJ SANJAY	
5	BHATALE PRANAV VISHNUPANT	
6	BHOPALE PRIYANKA MARUTI	
7	CHAVAN ANIKET BABURAO	
8	CHOUGULE SOURABH DILIP	
9	DABHADE OMKAR SHARADRAO	
10	DAVARE AKASH SUNIL	
11	DAVARI OMKAR SANJAY	
12	DHOKARE ASHITOSH RAGHUNATH	
13	DHUMAL DHIRAJ DNYANDEV	
14	GAIKWAD VIKRANT VIJAY	
15	GAVHANE SHRIKRISHNA BALIRAM	
16	GHADGE SUJEET SAINIK	
17	GHARAL RUPSINHA KRISHNAT	
18	GHATAGE YASH SHARAD	
19	GORE SANDHYA SONU	
20	JADHAV PUNAM VISHNU	
21	JADHAV VAIBHAV	
22	JATHAR AVADHUT ASHOK	
23	JOSHI AMEYA VIJAY	
24	KAMBLE ABHISHEK VILAS	
25	KHABALE YUVARAJ AMRUT	
26	KHADE HRISHIKESH SATISH	
27	KONDUSKAR MANISH MANGESH	
28	LANGOTE ROHIT NARAYAN	

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Salokhenagar, Kolhapur

Doc. No: DYP-Site Visits-FRM-03

Revision No. 00

Department : Civil Engineering

Revision Date:

Day: Tuesday

Date: 24/09/19

Time: 2 pm

Class : BE

Sub: SWM

Student Attendance Sheet

Roll No.	Name of the Student	Signature of Student
29	LOKARE DIGVIJAY SAMBHAJI	
30	MANE DEEPALI PARMESHWAR	
31	MASUTAGE MITHIL MANOJ	— A0 —
32	NADAF SAUD ABUBAKAR	— A0 —
33	NIKAM SUCHITA RAJENDRA	
34	NITORE PRASANNA ANANT	— A0 —
35	PARIT GORAKHSHNATH	— A0 —
36	PARTE DHANANJAY HARIBHAU	
37	PATIL AKSHAY BALU	
38	PATIL JYOTI EKNATH	
39	PATIL PRADIP BALVANT	
40	PATIL PRATIK SANJAY	
41	PATIL ROHIT RAGHUNATH	
42	PATIL SURAJ BALAVANT	
43	POWAR PRITAM VIJAYKUMAR	
44	RANDIVE PARAG EKNATH	
45	SATHE SAMARAJIT SANTARAM	
46	SAWANT VINAYAK SHIVAJI	Present:
47	SHINDE PRATHAMESH	— A0 —
48	SHIPEKAR CHETAN DINKAR	
49	SURYAWANSHI SATYAJEET VIJAY	
50	TRAMBADIA JAYKUMAR	
51	WAGARE DIPALI DATTATRAY	
52	YADAV TEJASWINI BAJARANG	
53	DONGARE ROHAN SAMBHAJI (T)	
54 (P)	PARIT GORAKHSHNATH	— A0 —
55 (P)	PATIL TEJAS	— A0 —

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Salokhenagar, Kolhapur

Dr. D Y Patil Pratishthan's College of Engineering, Salokhenagar Kolhapur
Form 2
PROCESS Report

Clusters: Education/Research/External/Admin/Others—
 Elaboration: - As Per Shivaji University Syllabus for Term Work Assessment field visits conducted by our college. For Solid Waste Management, Vermicomposting Plant Visit Arranged.

Process Name:- Providing Knowledge about vermicomposting process.	Dept : Civil Start date :- 22/09/19	In charge:- S.S.Nale End date:-24/09/19	File:- Civil Department Status: - 100%
Outcome:- Building knowledge about solid waste management as a vermicomposting plant study.	Cost:- Nil	Head :- Prof.Amruta D.Patil	

Summary:- vermicompost is a nutrient-rich organic fertilizer and soil conditioner in a form that is relatively easy for plants to absorb. Worm castings are sometimes used as an organic fertilizer. Vermicomposting is a process in which earthworms are used to convert organic materials into humus-like material known as vermicompost. To study actual on site process visit has arranged for BE Civil students. Total 45 students attended for visit.

About the process :- From civil department we have taken permission from Zilha Parishad , Agricultural office , Kolhapur. After getting permission we have published one notice to our students regarding visit including venue, day , date and time. And after scheduled day visit done,

Outcome :- Students understood actual onsite working process about vermicomposting plant, types of earthworms , economy generation from compost .

Points to observe :- Students studied about various activities involved in vermicomposting plant as a natural fertilizer production.

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(Signature)
 Head

(Signature)
 Vice Principal/Registrar

(Signature)
 Principal

Ref. No. : DYPCOE/20

Date: 28 / 09 / 2019

To,
Office Incharge,
Metrological Dept.
Kolhapur.

Subject: -Regarding Permission for Site Visit of Water Resource Engg-I (Sem-V) for
T.E.Civil students

Sir,

With reference to above subject, we require your permission for Visit on 1st
October, 2019. The visit is for Third Year Degree Civil Engineering students of our College for
the subject "**Water Resource Engineering-I**" as per the guidelines of Shivaji University,
Kolhapur, to study the working and functioning of **Metrological Stations**.

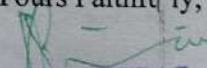
The visit consists of total 83 numbers of students along with 2 staff members. So,
requesting you to grant us permission for site visit at your premises.

We assure that our staff members and students will follow all the rules and regulations
at the site.

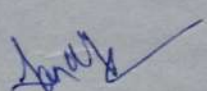
So kindly permit us to visit.

Thanking you.

Yours Faithfully,


PRINCIPAL
Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhe Nagar, Kolhapur.

PRINCIPAL


HOD CIVIL
Head Dept. of Civil
Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhe Nagar, Kolhapur



Dr. D. Y. Patil Pratishthan's College of Engineering
Salokhenagar, Kolhapur

Doc. No: DYP-ADMN-FRM-01

Revision No. 00

Page 1 of 1

Revision Date:01/07/2019

Department of Civil Engineering Department

Circular / Notice

Date:-25/09/2019

NOTICE

All TE Civil students hereby informed that visit is arranged for the Subject "Water Resource Engineering-I" on Tuesday 1st October 2019. The aim of Visit is to study Meterological Station.

Venue: Maharashtra Jeevan Pradikhiran Kolhapur, Kavalanaka ,
kolhapur

Time : 11am

Note Attendance is mandatory to all students


Subject I/C


HOD Civil

Head Dept. of Civil
Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhe Nagar, Kolhapur


PRINCIPAL
Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhe Nagar, Kolhapur.



Dr. D Y Patil Pratishthan's College of Engineering, Salokhenagar Kolhapur
PROCESS Report

Clusters: Education/Research/External/Admin/Others

Elaboration: Education

Dept : Civil	In charge	File:
Start date 01/10/2019	End date 01/10/2019	Status:
Cost- Nil	Head	Mr. A. A. Hosurkar

Summary

Industrial Visit was arranged for Water Resource Engg –I subject which focused on the rain gauge station recording, study the working and functioning of equipments.


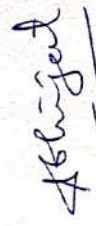

About the process

The process started with introduction , planning, explanation, functioning and practical demonstration

Outcome

Industrial visit was useful according to the syllabus point of view, through which the students got practical working knowledge of the subject.

Points to observe

 Head	 Vice Principal/Registrar	 Principal
--	--	---

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Doc. No: DYP-ADMN-FRM-01

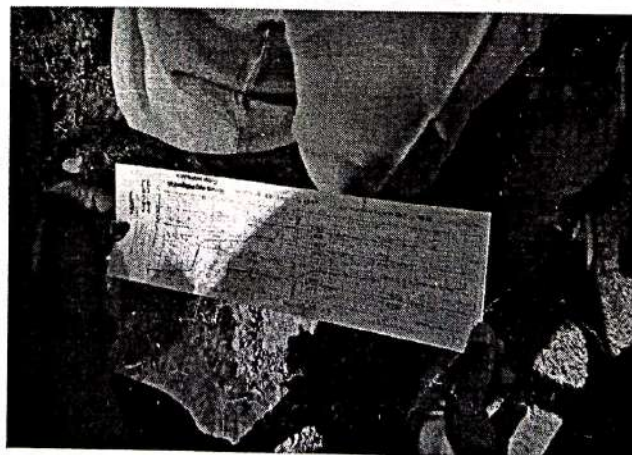
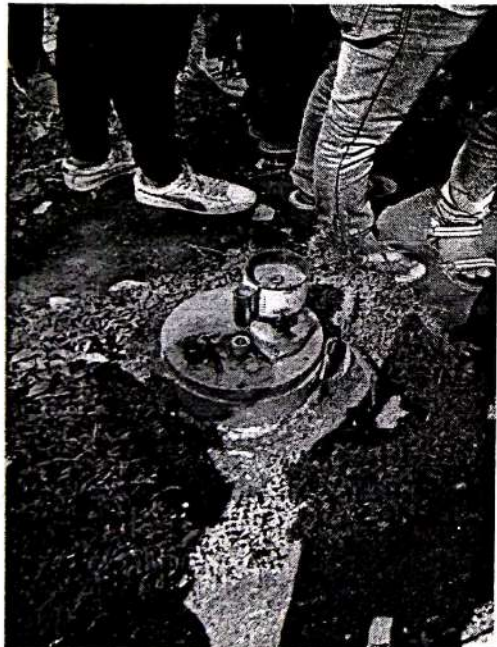
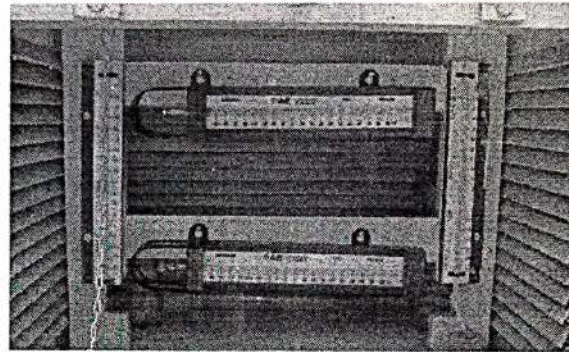
Revision No. 00

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Revision Date:01/07/2019

Department of Civil Engineering Department
Circular / Notice

VISIT TO METEROLOGICAL STATION



PRINCIPAL
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Salokhenagar, Kolhapur

Doc. No: DYP-ADMN-FRM-01

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Revision Date:01/07/2019

Department of Civil Engineering Department

Circular / Notice



PRINCIPAL
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Salokhe Nagar, Kolhapur.

Visit Report

Date - 06 Oct 2018

Place - Metrological station zilha pradikaran
Vibhag, Kolhapur

Address - Near star bazar front of Ayodhya
park, Kolhapur

Under guided - Prof. Housurkar sir.

Objective of visit -

- (1) To know practical working of metrological element.
- (2) To know practical information about metrological instrument working.
- (3) To know actual forecast of weathering.

Metrology -

The branch of science which deals with the process and phenomenon of atmosphere specially as means of weather forecasting.

Metrological Environment -

following element comprises metrological environment +

- ① Atmospheric pressure
- ② Air - temperature.

Calculations -

After that we all comes outside the building. at the terrace of metrological building there are two more instrument

- ① Anemometer
- ② wind wave,

1] Anemometer -

Anemometer measure the speed of wind

direction. wind wave instrument is situated

at top of metrological building we observed

to the instrument, general information for wind

direction in rainy season wind direction is S-W

Winter season - EW

Summer season - NW

in turn Sept. wind direction is S-E.

2] Stevenson's apparatus -

- In that instrument thermometer

is situated are two thermometer in verticle

in horizontal position.

3] Ordinary rain gauge -

- Instrument after that we all are goes to see rain gauge it is used to measure rainfall manually rainfall measured in 'mm'.

- Accuracy of instrument is not more than self recording rain gauge.

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Salokhe Nagar, Kolhapur.



Dr. D. Y. Patil Pratishthan's College of Engineering
Salokhenagar, Kolhapur

Doc. No: DYP-ADMN-FRM-01

Revision No. 00

Page 1 of 1

Revision Date:01/07/2019

Department of Civil Engineering Department

Circular / Notice

Roll. No.	Name of Students	Sign
1	VRUSHABH RAJENDRA ADAKE	Adkem
2	AISHWARYA DINESH AJURE	Dinesh
3	ASWALE MAYUR ANKUSH	Aswale
4	AYARE SAIPRASAD SANJAY	Sayate
5	BADAVE KETAN RAJAN	Ketan
6	BANGE PRANIL VILAS	Pranil Bange
7	SAYALI DINESH BHALERAO	Sayali
8	ASHLESHA ASHOK CHAVAN	Ashlesha
9	DIKSHA ANAND CHAVAN	Chavan
10	CHOUGULE RAKESH MARUTI	AB
11	CHOUGULE ASHUTOSH ABHAY	Ashutosh
12	DESAI DIGAMBAR RAMESH	R. Desai
13	GHADGE HARSH ANIL	Harsh
14	GOLANDAJ NADEEM MEHBOOB	Golandaj
15	GUJAR YASH RAMRAO	Yash
16	HARWADE SUPRIYA KAMANNA	Supriya
17	INGAVALE ASHUTOSH BABASO	Ashutosh
18	INGAVALE MADHURI BABURAO	Madhuri
19	JADHAV AAKANKSHA VIJAY	Aakanksha
20	JAGTAP AKASH KALYANRAO	Akash
21	JAGTAP DHAIRYSHIL SUNIL	Jagtap
22	JAMBHALE SOMNATH MANOHAR	Somnath
23	KADAM JYOTI VILAS	Jyoti
24	KADAM NILESH SHIVAJI	Nilesh
25	KADAM SHUBHAM RAVINDRA	Kadam
26	KATE AKASH ANIL	AB
27	KELUSHKAR KULDIP GANESH	Kuldip
28	KHAMKAR RUTUJA BABASAHEB	Rutuja
29	SOURABH UTTAM KHARADE	Uttam
30	KOLE SHASHIKANT RANGARAO	Kole
31	KSHIRSAGAR SOURABH SHAMRAO	Sourabh
32	KULKARNI VRISHALI PRADEEP	Vrishali
33	KUMBHAR SUMIT SUNIL	Sumit

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Salokha Nagar, Kolhapur.





Dr. D. Y. Patil Pratishthan's College of Engineering
Salokhenagar, Kolhapur

Doc. No: DYP-ADMN-FRM-01

Revision No. 00

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Revision Date:01/07/2019

Department of Civil Engineering Department

Circular / Notice

Roll. No.	Name of Students	Sign
34	KURALE AKSHAY ASHOK	Kurale A.
	KURUNDWADE SUDARSHAN	Sudarshan km.
35	MAHADEV	
36	LAD RAJNANDINI BHIKAJI	(Bd.)
37	LAKDE LAXMAN RADHAKISHAN	Lakde R.
38	MALAPE PRAVIN RAMCHANDRA	(Pm)
39	MANE ROHAN MANIKRAO	(Rm)
40	MISAL VAIBHAV ANANT	Misal.
41	MOTE SOHAN SHIVAJI	(Msh)
42	MULLA SAHIL SHAKIL	(Sm)
43	MAYUR MANGESH NAGALE	Mayur.
44	PASTAPURE AJAY VITTHALRAO	(A)
45	PATIL ABHISHEK GORAKHNATH	(A)
46	PATIL AMRUTA DARGONDA	Ajay...
47	PATIL ANIRUDDHA ASHOK	Patil A.
48	PATIL ARATI TANAJI	— AB —
49	PATIL ATISH JAYWANT	Atish P.
50	PATIL RUSHIKESH JAYVANT	Rushikesh.
51	RUSHIKESH SHRIKANT PATIL	Patil S.R..
52	PATIL VIKRANT ARVIND	V.R. Patil.
53	PATIL VINAYAK JAGANNATH	(V)
54	PATIL YUGANDHAR UTTAM	Vinayak.
55	RUTUJA ANIL PAWAR	Rutuja.
56	KUNAL RAJENDRA PAYMAL	Kunal.
57	PAYMAL OMKAR GANESH	(Pm).
58	POL SHUBHAM DILIP	Pol shubham.
59	POTDAR NAMRATA BHARAT	Potdar.
60	RAJIGARE AISHWARYA UDAYRAJ	Rajigare.
61	SALOKHE RUSHIKESH SHARAD	Salokhe.
62	SARNAIK SIDDHESH SANJAY	S.S. Sarnaik.
63	SHAIKH MUMTAZ RUBAB	Shaikhs.
64	TEJAL SURESH SHELKE	— AB —
65	SOURABH VIJAY SHINDE	
66	SHIRODKAR TANESH SURESH	Shirodkar.

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Salokhenagar, Kolhapur

Doc. No: DYP-ADMN-FRM-01

Revision No. 00

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Revision Date:01/07/2019

Department of Civil Engineering Department

Circular / Notice

Roll. No.	Name of Students	Sign
67	SHIVSHETTE SAUJANYA BALASAHEB	Saujanya
68	SONAVANE ASHITOSH RAMESH	sonavane
69	SUTAR RAHUL YUVRAJ	Sutar R.Y.
70	SUTAR RANJIT SHANKAR	Ranjit
71	SUTAR SNEHA SANJAY	S.Sudhe
72	THODSARE SHYAM DHANANJAY	CSyam
73	THORAT JASRAJ TUKARAM	TThorat
74	VANSHE AVINASH RAMESH	AB
75	WALEKAR ONKAR VYANKATRAO	Walekar
76	WARKE KOUSTUBH SHRIKANT	Warke K.S.
77	SHUBHAM POPAT YADAV	Popat
78	PATIL PRATIK PRAKASH	Pratik
79	HUMBE SANJAY BHAGOJI	Humble
80	SARGAR RAVINDRA BHAGAVAN	R.B. Sargar
81	MADAR SHOIB VAJIR	Shoib
82	PUSHKARAJ MOHAN JADHAV	Mohan
83	DESAI SHRIVARDHAN SATISH	Desai S.S.
84	BHANGE VAIBHAV DHANAJI	KD Bhange
85	PATIL OMKAR SHANKAR	Omkar P.


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EN6839

Dr. D. Y. PATIL PRATISHTHAN'S
COLLEGE OF ENGINEERING

Affiliated to Shivaji University, Kolhapur.
Approved by AICTE (New Delhi), Govt. of Maharashtra, DTE Mumbai.

Hon. Dr. Sanjay D Patil
PRESIDENT
Hon. Satej D Patil
VICE PRESIDENT
Dr. Vish P Kallimani
PhD in CSc, Fellow UK.
PRINCIPAL

Ref. No. : DYPCOE/20

Date: 25 / 09 / 2019

To,

Office Incharge,

Sayaji Hotel.

Kolhapur.

Subject: -Regarding Permission for Site Visit of Building Planning and Design (Sem-V) for
T.E.Civil students

Sir,

With reference to above subject, we require your permission for Visit on 1st October, 2019. The visit is for Third Year Degree Civil Engineering students of our College for the subject "**Building Planning and Design**" as per the guidelines of Shivaji University, Kolhapur, to study the working and functioning of **Hotel**.

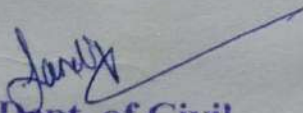
The visit consists of total 83 numbers of students along with 2 staff members. So, requesting you to grant us permission for site visit at your premises.

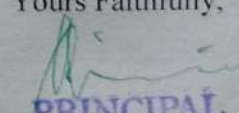
We assure that our staff members and students will follow all the rules and regulations at the site.

So kindly permit us to visit.


Thanking you.

Yours Faithfully,


Head Dept. of Civil
Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhe Nagar, Kolhapur


PRINCIPAL
Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhe Nagar, Kolhapur.

865,'A' Ward, Salokhenagar, Kolhapur- 416007. Ph. 0231-2320914

Email: dype472.ec@unishivaji.ac.in Website: 

<http://coes.dypgroup.edu.in> <http://vt.vu/+dypsalokhenagar>





Dr. D. Y. Patil Pratishthan's College of Engineering
Salokhenagar, Kolhapur

Doc. No: DYP-ADMN-FRM-01

Revision No. 00

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Revision Date:01/07/2019

Department of Civil Engineering Department

Circular / Notice

Date:-28/09/2019

NOTICE

All TE Civil students hereby informed that visit is arranged for the Subject "**Building Planning and Design**" on Tuesday 1st October 2019. The aim of Visit is to study Sayaji Hotel.

Venue: Sayaji Hotel, Kolhapur

Time : 12pm

Note Attendance is mandatory to all students


Subject I/C


HOD Civil

Head Dept. of Civil
Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhe Nagar, Kolhapur


PRINCIPAL
Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhe Nagar, Kolhapur.

Dr. D Y PatilPratishthan's College of Engineering, Salokhenagar Kolhapur
PROCESS REPORT

Clusters: Education/Research/External/Admin/Others

Elaboration: Education				File: Industrial visit	
Dept : Civil	In charge	Start date 01/10/2019	End date 01/10/2019	Status: Visited	
Cost- Nil	Head	Mr. Jamdagni			

Summary

Industrial Visit was arranged for Building Planning and Design subject which focused on the planning and design of commercial project.

About the process


The process started with introduction , planning, explanation, functioning and visiting the units.

Outcome

Industrial visit was useful according to the syllabus point of view, through which the students got practical knowledge of planning the units for commercial projects..

Points to observe

 Head	 Vice Principal/Registrar	 Principal
--	--	---


PRINCIPAL
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Salokhenagar, Kolhapur

Doc. No: DYP-ADMN-FRM-01

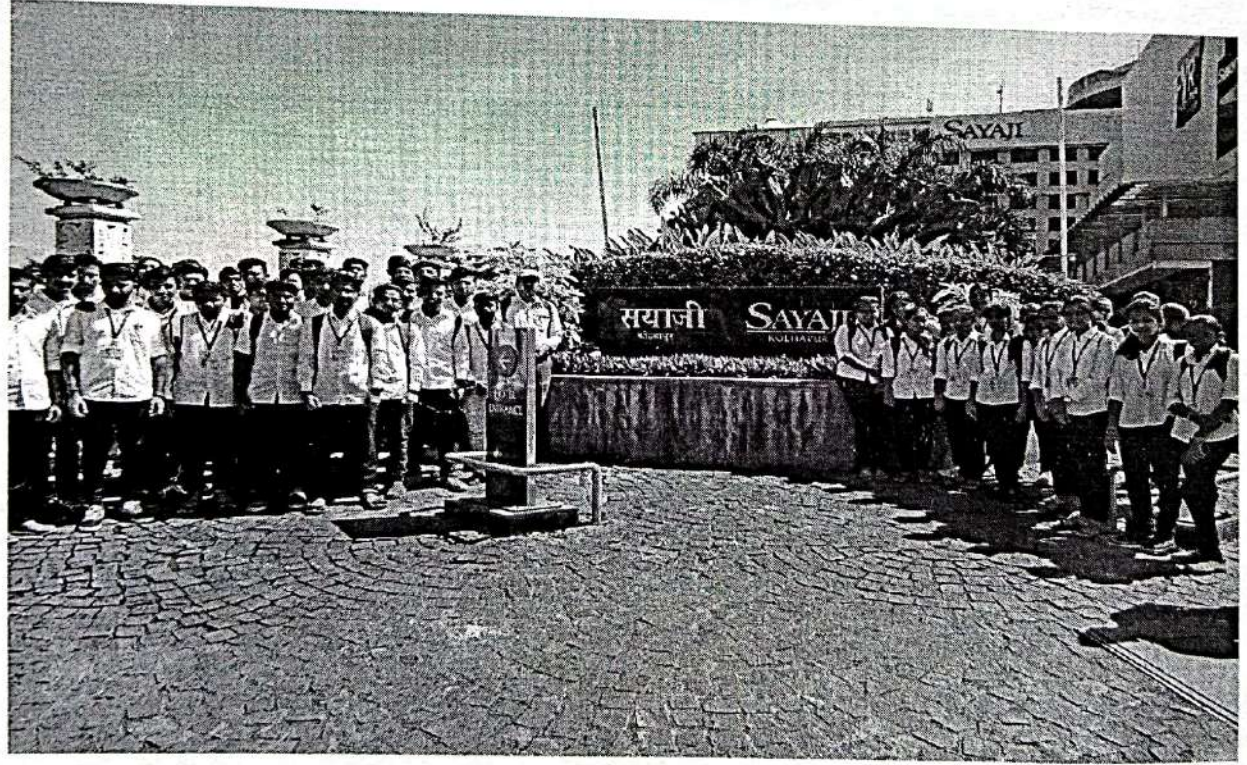
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Revision No. 00

Revision Date:01/07/2019

Department of Civil Engineering Department
Circular / Notice

VISIT TO SAYAJI HOTEL



PRINCIPAL
Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhe Nagar, Kolhapur.

INDUSTRIAL VISITS

Sayaji Hotel



PRINCIPAL
Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhenagar, Kolhapur.

Visit Report on
SAYAJI HOTEL

* DATE OF VISIT : 1st Oct 2019

* LOCATION OF VISIT : opposite to mobite suzuki
Kolhapur

* PURPOSE OF VISIT :-


1) TO become familiar with the building
components and unit.

2) TO know the use of different units of
commercial building

3) TO know the use of different units of
commercial building and its requirement
in it

4) TO know the size of different unit in
commercial unit

* GUIDENCE :- 1) prof. S.S. Jamadagni
2) Prof. pratik wadagave
3) prof. Abhijit Haburkar

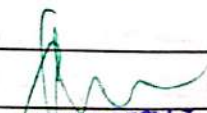

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Salokhe nagar, Kolhapur

Conclusion :-

In this site visit we know the valuable information about the commercial building knowledge about different units and it enhance our knowledge.

~~04~~
~~2/11/19~~




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Dr. D. Y. Patil Pratishthan's
COLLEGE OF ENGINEERING

[Approved by AICTE (New Delhi), Govt. of Maharashtra, DTE Mumbai and
Affiliated to Shivaji University]

Hon. Dr. Sanjay D. Patil
PRESIDENT
Hon. Satej D. Patil
VICE PRESIDENT
Dr. V. P. Kallimani
Ph. D In CSc, Fellow UK, ME (E&C)
PRINCIPAL

Ref. No. : DYPcoe/2019 / 488

Date : 18 / 09 / 2019

To,
Office In charge,
Water treatment Plant,
Puikhadi, Kolhapur.

Subject: Regarding permission for visit to Water Treatment Plant .

Sir/ madam,

With reference to above subject, we require your permission for visit for third year students for the subject " **Environmental Engineering –I** " as per guidelines of Shivaji university curriculum syllabus for study of various treatment facilities for drinking water purification.

The visit consists of total 88 students along with three staff member. So requesting you to grant us permission for site visit at your premises.

We assure that our students and staff member will follow all rules and regulations at the site.

So kindly permit us to visit.

Thanking you.

PRINCIPAL

Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhe Nagar, Kolhapur.

Yours faithfully,

PRINCIPAL

Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhe Nagar, Kolhapur.



सु. म. का. ०४
३०१९१२
आवाक लिवीक,
कोल्हापूर पाणी पुरवठा विभाग,
कोल्हापूर

865, 'A' Ward, Salokhenagar, Kolhapur - 416007 Maharashtra India. Ph. : 0091231 - 2320914
E mail - dype472.ec@unishivaji.ac.in Website : coes.dypgroup.edu.in

- Kolhapur Innovation Center (KIC)
- Civil, Mech, CSE & Electrical Engg

- Tejas Innovation Center
- Training & Consultancy

- International Programmes
- Research

DYP SALOKHENAGAR		Dr. D. Y. PatilPratishthan's College of Engineering Salokhenagar, Kolhapur	
Doc. No: DYP-CIVIL FORM 01		Revision No. 00	
PAGE 1 of 1		Revision Date:01/07/2019	
Notice			

Date :1//10/19

Notice

All TE Civil students hereby informed, that visit is arranged for the subject Environmental Engineering -1 on Friday ,4th October ,19.

The aim of visit is to study Water treatment plant process.

Venue : Water treatment plant,Puikhdi Kolhapur.

Time : 10:30am .

Note : Attendance is mandatory to all students.

Subject *W*

PRINCIPAL
Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhenagar, Kolhapur.

HOD CIVIL
Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhe Nagar, Kolhapur



Dr. D. Y. Patil Pratishthan's College of Engineering
Salokhenagar, Kolhapur

Doc. No.: DYP-Site Visits-FRM-03	Revision No. 00
Department : Civil Engineering	Revision Date: 1/10/19
Day: Thursday	Date: 4/10/19
Time: 10:30 am	
Class : TE	Sub: EE-1
Student Attendance Sheet	

Roll No.	Name of the Student	Signature of Student
1	VRUSHABH RAJENDRA ADAKE	AB
2	AISHWARYA DINESH AJURE	A.d.ajure
3	ASWALE MAYUR ANKUSH	AA
4	AYARE SAIPRASAD SANJAY	ayare.
5	BADAVE KETAN RAJAN	Badave
6	BANAGE VAIBHAV DHANAJI	Bhange
7	BANGE PRANIL VILAS	Pranilbange
8	SAYALI DINESH BHALERAO	AA
9	ASHLESHA ASHOK CHAVAN	AS
10	DIKSHA ANAND CHAVAN	AS
11	CHOUQULE RAKESH MARUTI	Chouqule
12	CHOUQULE ASHUTOSH ABHAY	Chouqule
13	DESAI DIGAMBAR RAMESH	AS
14	GHADGE HARSH ANIL	H.Ghadge
15	GOLANDAU NADEEM MEHBOOB	Golandau
16	GUJAR YASH RAMRAO	Yash
17	HARWADE SUPRIYA KAMANNA	AA
18	INGAVALE ASHUTOSH BABASO	Asle
19	INGAVALE MADHURIBABURAO	AA
20	JADHAV AAKANKSHA VIJAY	Jadhav
21	JAGTAP AKAASH KALYANKAR	AS
22	JAGTAP DHAIRYSHIL SUNIL	Jadhav
23	JAMBHALE SOMNATH MANOHAR	AA
24	KADAM JYOTI VILAS	Jyoti
25	KADAM NILESH SHIVAJI	AS
26	KADAM SHUBHAM RAVINDRA	AS
27	KATA AKASH ANIL	AS
28	KELUSHKAR KULDIP GANESH	Kelushkar

PRINCIPAL

Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhenagar, Kolhapur.



Dr. D. Y. Patil Pratishthan's College of Engineering
Salokhenagar, Kolhapur

Doc. No: DYP-Site Visits-FRM-03

Revision No. 00

Department : Civil Engineering

Revision Date: 1/10/19

Day: Thursday

Date: 4/10/19

Time: 10:30 am

Class : TE

Sub: EE-I

Student Attendance Sheet

Roll No.	Name of the Student	Signature of Student
29	KHAMKAR RUTUJA BABASAHEB	
30	SOURABH UTTAM KHARADE	
31	KOHOK PRASAD RAMESH	
32	KOLE SHASHIKANT RANGARAO	
33	KSHIRSAGAR SOURABH SHAMIRAO	
34	KULKARNI VRISHALI PRADEEP	
35	KUMBHAR SUMIT SUNIL	
36	KURALE AKSHAY ASHOK	
37	KURUNDWADE SUDARSHAN M	
38	LAD RAJNANDINI BHIKAJI	
39	LAKDE LAXMAN RADHAKISHAN	
40	MALADE PRAVIN RAMCHANDRA	
41	MANE ROHAN MANIKRAO	
42	MISAL VAIBHAV ANANT	
43	MOTE SOHAN SHIVAJI	
44	MULLA SAHIL SHAKIL	
45	MAYUR MANGESH NAGALE	
46	PASTAPURE AJAY VITTHALRAO	
47	PATIL ABHISHEK GORAKHNATH	
48	PATIL AMRUTA DARGONDA	
49	PATIL ANIRUDDHA ASHOK	
50	PATIL ARATI TANNAJI	
51	PATIL ATISH JAYWANT	
52	PATIL KUNAL ABHIMANYU	
53	PATIL OMKAR SHANKAR	
54	PATIL RUSHIKESH JAYWANT	
55	RUSHIKESH SHRIKANT PATIL	

PRINCIPAL

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College of Engineering
Salokhenagar, Kolhapur





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Salokhenagar, Kolhapur

Doc. No: DYP-Site Visits-FRM-03

Revision No. 00

Department : Civil Engineering

Revision Date: 1/10/19

Day: Thursday

Date: 4/10/19

Time: 10:30 am

Class : TE

Sub: EE-I

Student Attendance Sheet

56	PATIL VIKRANT ARVIND	<i>Vikrant</i>
57	PATIL VINAYAK JAGANNATH	<i>Vinayak</i>
58	PATIL YUGANDHARA UTTAM	<i>Yugandhara</i>
59	RUTUJA ANIL PAWAR	<i>Rutuja</i>
60	KUNAL RAJENDRA PAYMAL	<i>Kunal</i>
61	PAYMAL OMKAR GANESH	<i>Omkar</i>
62	POL SHUBHAM DILIP	<i>Shubham</i>
63	POTDAR NAMRATA BHARAT	<i>Namrata</i>
64	RAJGARE AISHWARYA UDAYRAU	<i>Aishwarya</i>
65	SALOKHE RUSHIKESH SHARAD	<i>Rushikesh</i>
66	SARNAIK SIDDHESH SANJAY	<i>Siddhesh</i>
67	SHAIKH MUMTAZ RUBAB	<i>Mumtaaz</i>
68	TEJAL SURESH SHELKE	<i>Tejal</i>
69	SOURABH VIJAY SHINDE	<i>Sourabh</i>
70	SHIRODKAR TANESH SURESH	<i>Tanesh</i>
71	SHIVSHETTE SAUJANYA BALASAHEB	<i>Saujanya</i>
72	SONAVANE ASHITOSH RAMESH	<i>Ashitosh</i>
73	SUTAR RAHUL YUVRAJ	<i>Rahul</i>
74	SUTAR RANJIT SHANKAR	<i>Ranjit</i>
75	SUTAR SNEHA SANJAY	<i>Sneha</i>
76	THODSARE SHYAM DHANANJAY	<i>Shyam</i>
77	THORAT JASRAJ TUKARAM	<i>Jasraj</i>
78	TIWARI SUHAS SANJAYPRASAD	<i>Suhas</i>
79	VANSHE AVINASH RAMESH	<i>Avinash</i>
80	WALEKAR ONKAR VYANKATRAO	<i>Onkar</i>
81	WARKE KOUSTUBH SHRIKANT	<i>Koustubh</i>
82	SHUBHAM POPAT YADAV	<i>Shubham</i>
83	PATIL PRATIK PRAKASH	<i>Pratik</i>
84	HUMBE SANJAY BHAGOJI	<i>Sanjay</i>

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College of Engineering
Salokhenagar, Kolhapur.



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Salokhenagar, Kolhapur

Doc. No: DYP-Site Visits-FRM-03	Revision No. 00
Department : Civil Engineering	Revision Date: 1/10/19
Day: Thursday	Date: 4/10/19
Class : TE	Sub: EE-1
Time: 10:30 am	
Student Attendance Sheet	

Roll No.	Name of the Student	Signature of Student
85	SARGAR RAVINDRA B	
86	MADAR SHOIB VAJIR	
87	DHANASHREE MAHESH KHADE	
88	GAURI SANJAY MURARI	
89	HIRAJ PARIT	
90	PUSHKARAJ MOHAN JADHAV	

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Salokhenagar, Kolhapur.

Report on water treatment plant.

Subject :- visit to water treatment plant.

Place :- Pulkhadi, Kolhapur.

Date :- 4/10/2019

Guidence :- Amruta Patil nam, vadgave sir, Masurkar sir.

We are the students of T.E. civil of Dr. D.Y. Patil Pratishthan's college of engg. salokhenagar, kolhapur arranged a visit to water treatment plant.

Objectives of visit :-

- i) To know practical working of WTP.
- ii) To know actual practical information about field work
- iii) To study work WTP unit with dimensions.

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i) Aeration :-

Aeration process used to remove dissolved mix oxygen in water.

In aeration process various gases are removed up to certain limit and also it removes iron manganese and micro-organisms are killed up to certain extent. Aeration process is done for water softening also.

ii) Flash mixing :-

In flash mixing process mechanical process are used to mixed coagulant with raw water it consist of Paddle or pan mounted on vertical shaft which is rated by electric motor.

iii) Flocculation :-

The horizontal shaft is generated with a vertical shaft is connected to during unit when paddles the rotated the mixing operation is achieved.

iv) Coagulation :-

When water contains such fine particles they can removed easily by increasing their size converting them into floculation particles.

For this process certain chemical compound called as coagulation are added in water to remove the suspended particles with coagulation the process is called as sedimentation with coagulation.

Coagulant used are - i) TCL - tetrachlorine
ii) PAC - Polyacrylated carbon

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Salokhenagar, Kolhapur

Doc. No: DYP-ADMN-FRM-02

Revision No. 00

Page 1 of 1

Revision Date:01/07/2019

Department of Civil Engineering

Academic Visits Photo Gallery

TE civil students visited Water Treatment plant, Puikhadi Kolhapur dated on
4/10/19



Filtration Unit



On site Turbidity determination

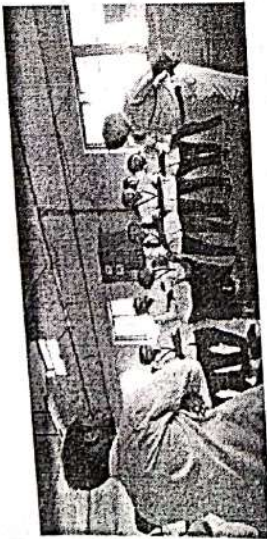
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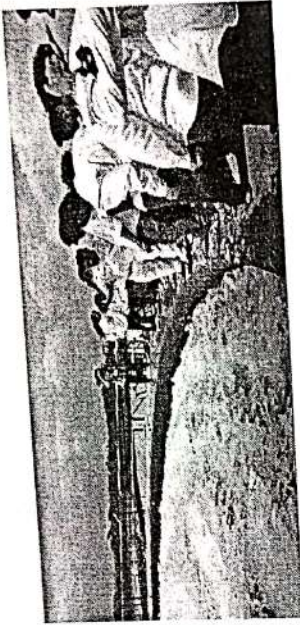
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College of Engineering
Salokhenagar, Kolhapur.

Head Dept. of Civil
Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhe Nagar, Kolhapur

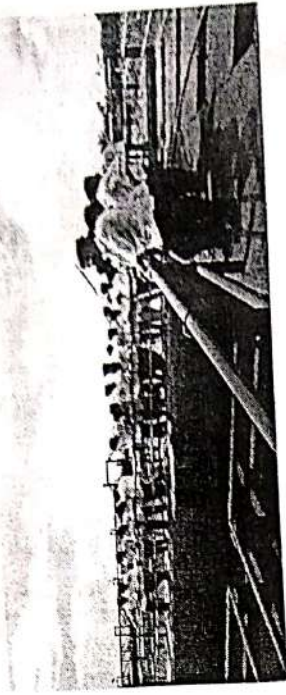
Photo Gallery




Information given Plant officer by Mr. Utkam Jadhav Sir to TE Civil students brief summary about water treatment plant.



Aeration Tank



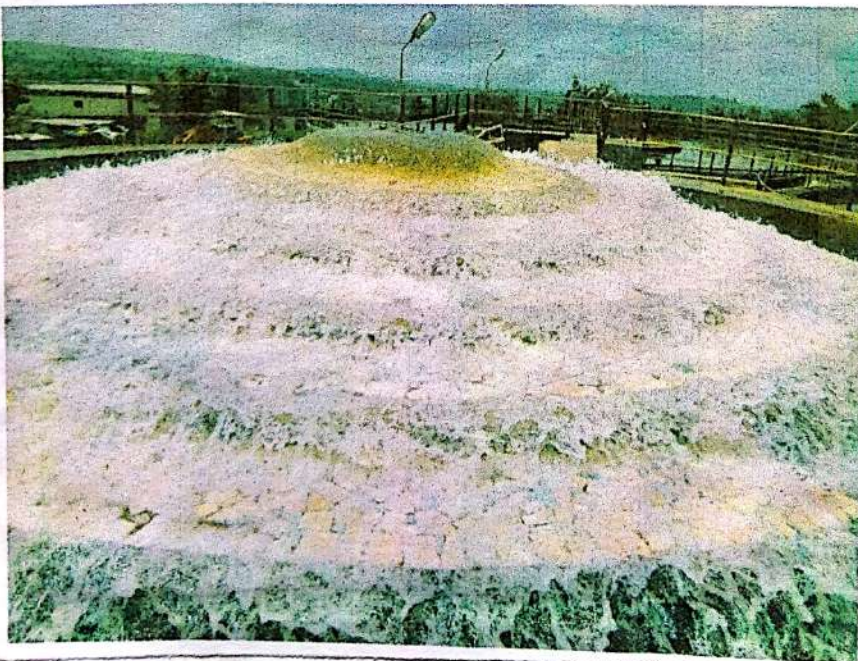
Filtration bed-I


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Salvi Nager, Kollisapur.

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Roll No. : _____

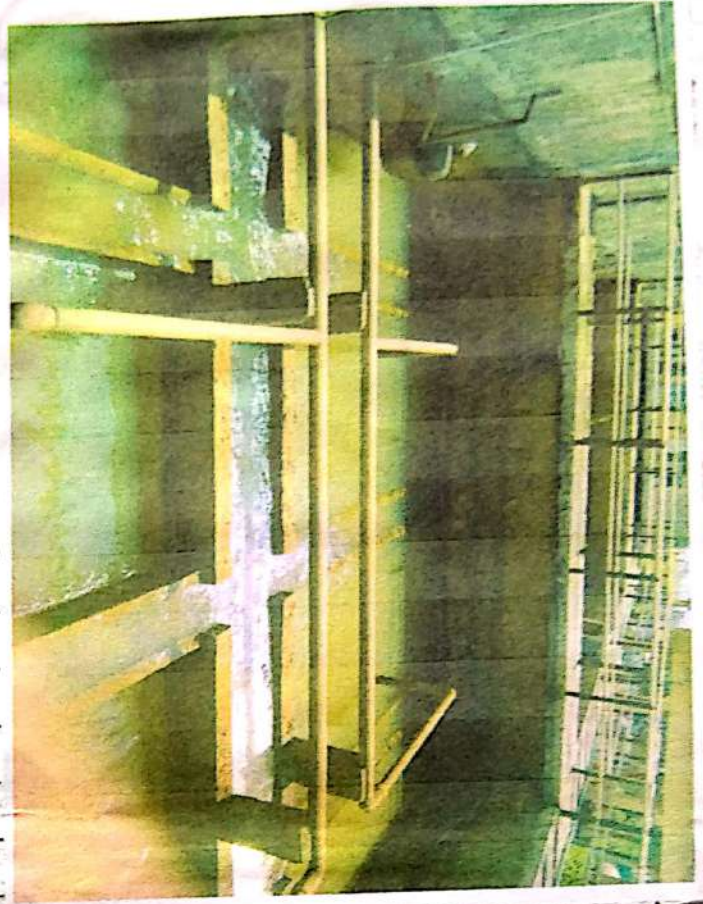
Salikhe nagar, Kolhapur.



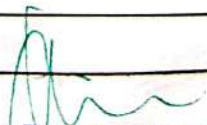
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C. Seen S. Patil


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PROCESS REPORT

Clusters: Education/Research/External/Admin/Others

Elaboration: - As per Shivaji University syllabus for term work assessment field visits conducted by our college. For Environmental Engineering - I subject as per syllabus water treatment plant visit is arranged at "Puikhadi" water treatment plant, Kolhapur.

Process Name:-Providing Knowledge about working process of water treatment plant	Dept : Civil	In charge:-S.S.Nale	File:- Civil Department
Outcome:-Building knowledge about water distribution system.	Start date :- 1-10-2019	End date:- 4-10-2019	Status: - 100%
	Cost:- Nil	Head :- Prof.AmrutaD.Patil	

Summary:- We know that, Water is most important factor for our life. Without water we cannot survive. For day to day life we need pure water for drinking purpose. Purpose of visit is to study drinking water parameters, treatment facilities, distribution system. They typically consist of several steps in the treatment process. These include: (1) Collection; (2) Screening and Straining; (3) Chemical Addition; (4) Coagulation and Flocculation; (5) Sedimentation and Clarification; (6) Filtration; (7) Disinfection; (8) Storage; (9) and finally Distribution. For this our college Dr. D.Y.Patil Pratishthan's College of Engineering, Salokhenagar, Kolhapur. Arranged visit for water treatment plant at Puikhadi, Kolhapur for TE Civil students. Total 68 students attended for visit.

About the process :- From civil department we have taken permission from water distribution office, Kolhapur. After getting permission we have published one notice to our students regarding visit including venue, day, date and time. And after scheduled day visit done,

Outcome :- Students understood actual onsite working process about water intake, treatment facilities, distribution system.

Points to observe:- Students studied about various processes and technologies used to remove contaminants from water and to improve and protect water quality.

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(Signature)
Head

(Signature)

Vice Principal/Registrar

(Signature)
Principal



EN6839

Dr. D. Y. Patil Pratishthan's

COLLEGE OF ENGINEERING

[Approved by AICTE (New Delhi), Govt. of Maharashtra, DTE Mumbai and
Affiliated to Shivaji University]

Hon. Dr. Sanjay D. Patil
PRESIDENT

Hon. Satej D. Patil
VICE PRESIDENT

Dr. V. P. Kallimani
Ph. D in CS; Fellow UK
PRINCIPAL

Ref. No. : DYP/COE/2019/249

Date : 27/03/2019

To,

Office Incharge

Sewage Treatment Plant

Kolhapur.

Subject: Regarding permission for site visit of Environmental Engineering-II
(Sem VI) for TE Civil Students.

Sir,

With reference to above subject, we require your permission for visit for third year students for the subject "**Environmental Engineering -II**" as per guidelines of Shivaji University, Kolhapur, to study working of Sewage treatment plant.

The visit consists of total 39 students along with 2 staff members. So, requesting you to grant us permission for site visit at your premises.

We assure that our students and staff members will follow all rules and regulations at the site.

So kindly permit us to visit.

Thanking You.



Yours Faithfully,

Principal
PRINCIPAL

Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhe Nagar, Kolhapur.

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210319
शहर पाणी पुरवठा विभाग,
को. स. स. प. कोल्हापूर.

Address: 75 Ward, Salokhe Nagar, Kolhapur - 416007 Ph: 0231 - 2320914
E-mail: dypcoe72@rediffmail.com Website: coes.dypgroup.edu.in

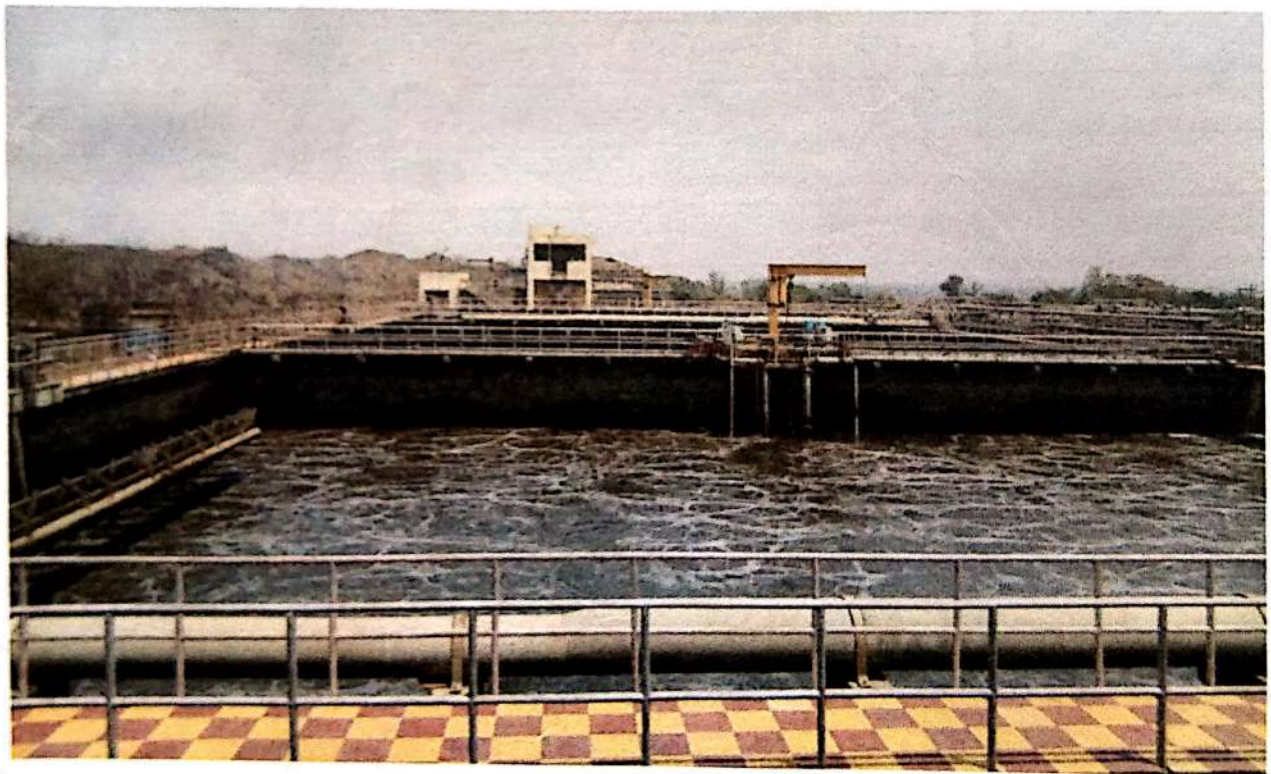
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VISIT TO STP



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College of Engineering
Bachchan, Kolkata.



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Salokhe Nagar, Kolhapur.

Visit Report No - 2

Sub :- Visit to sewage treatment plant

Date :- 29/3/19

Venue :- Sewage treatment plant, Bavada.

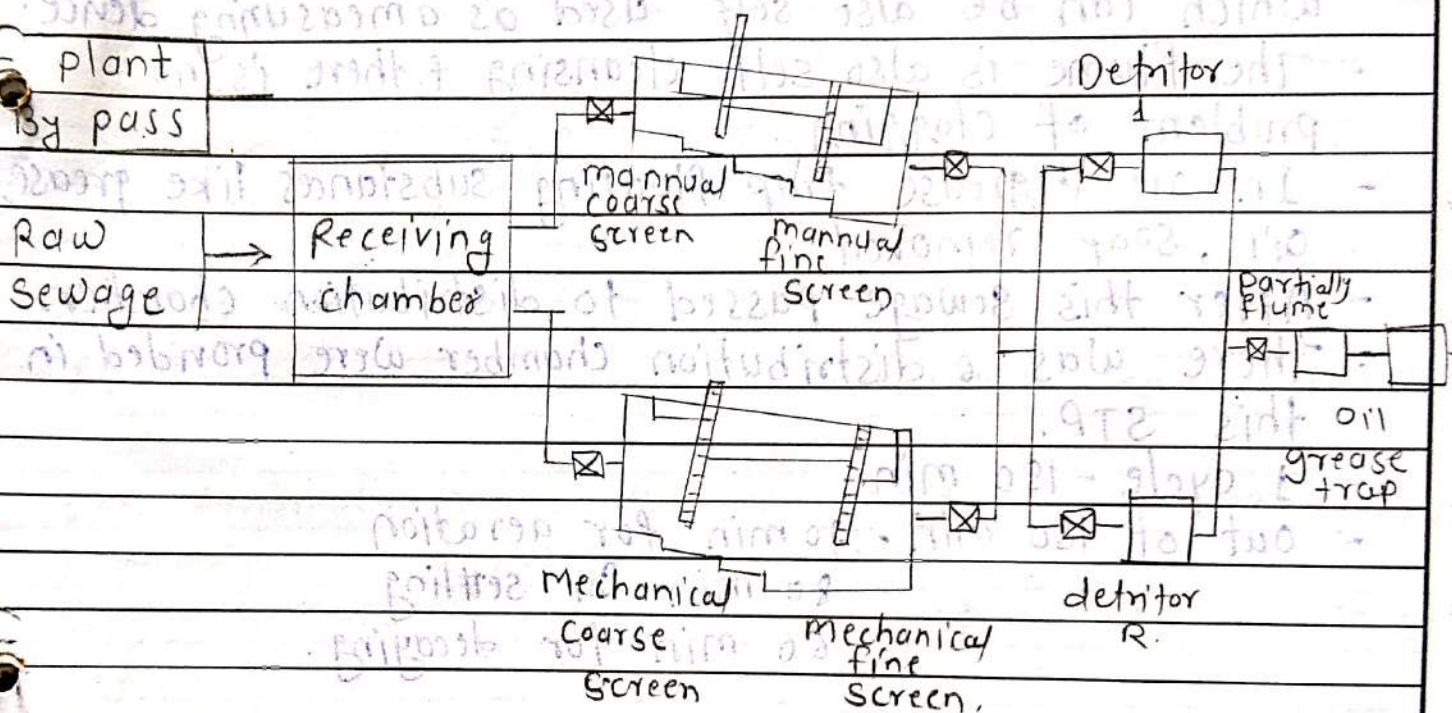
Under the guidance of :-
Miss. Amruta Patil mam.

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Saibkhe Nagar, Kolhapur.

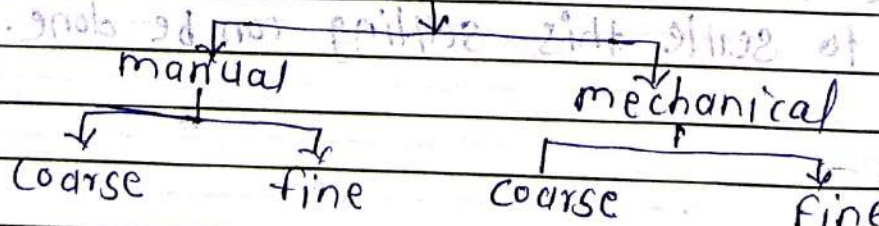
• Capacity of plant = 70 mld
- 55 to 60 mld sewage treated at this STP

• Establishment Date (year) :- 2013.

• flow chart of sewage treatment plant.



- Raw Sewage collected from Jayanti nalla
- This sewage passed in receiving chamber.
- Sewage contains floating matters such as plastic, trees leaves, etc. to remove this materials screens were provided. Gap betn coarse screen - 10m & fine screen + 6mm



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- chlorine dose given to treated water & after this water send to river.

Testing parameters with inlet & outlet readings.

Sr.No.	Parameter	Inlet	Outlet
1	pH	6.5 to 7.5	6.5 to 7.5
2.	BOD	150 to 200 mg/lit	less than 8 mg/lit
3.	DO	upto 1 mg/lit.	upto 5 mg/lit.
4.	COD	200 to 250 mg/lit	less than 50 mg/lit
5.	Alkalinity	160 to 200 mg/lit	less than 80 mg/lit.
6.	TSS	80 to 90 mg/lit	less than 10 mg/lit.
7.	Temperature	27°	

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Date: 13/02/2019

To,

The Principal,

DYPCOE, Salokhenagar,

Kolhapur.

Subject: Permission for study site visit of T.E. Civil students to a foundation construction site of Sachin Builders, Kolhapur at Nichite Nagar on 13/02/2019.

Respected Sir,

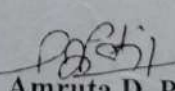
We are planning to arrange study visit of T. E. Civil students of our Department to a construction site involving Foundation work of area around 3000 sq.ft. for the subject Geotechnical Engineering-II. In the Time-table of TE Civil, we have a Site Visit slot of 2 hours from 2 to 4 pm on Wednesday so accordingly it is planned to visit this site on 13/02/2018 with a group of 39 students and 2 faculty members for the visit.

Schedule of Site Visit:

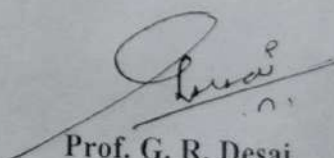
Sr. No	Day/ Date of Visit	No of students
1	Wednesday, 13/02/2019 2 to 4 pm	39

We request your permission for the study visit.


Thanking You.


Prof. Amruta D. Patil

TE Visit Incharge


Prof. G. R. Desai

H.O.D. Civil


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Salokhe Nagar, Kolhapur.

VISIT REPORT ON STUDY OF RAFT FOUNDATION



PRINCIPAL
Dr. D. Y. Pelli Pratishthan's
College of Engineering
Salunke Nagar, Kolhapur.

Visit Report

Date :- 13/2/19 Wednesday.

Venue :- Sane Guruji Vasahat.

Subject :- Study of Raft foundation.

Under the guidance of,
Amruta patil madam.

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College of Engineering
Salokhe Nagar, Kolhapur.

Introduction :-

Foundation construction is the most important civil engineering practice. It includes design, construction and repairs of foundation structures and is described more meaningfully as foundation engineering.

Definition :-

Foundation means the entire substructural unit that provides support to the superstructure. Thus, it includes a transmitting medium, such as a footing slab, pedestal or a pile system or a pier shaft and a supporting bed of soil or rock. The superstructure is kept in proper alignment and position by the substructure and receives support from the underlying bed of soil or rock, known as foundation bed.

Types and layout of foundation :-

There are different types of foundations from which the foundation designer has to choose, depending upon the relative merits. Depth is one of the most important bases on which foundation type is decided.

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Types of Rafts :-

1. Uniform mat
2. Non-uniform or thickened mat
3. Ribbed mat,
4. Pile-supported mat
5. Rigid frame basement
6. cellular mat

Settlement of raft :-

For a large loaded area like a raft, the elastic settlement is quite large. Besides, rafts are used on soft to medium clays, which are very compressible and lead to large consolidation settlements. It is therefore, necessary that at least a crude estimate of settlement be made to see whether the predicted settlement is tolerable.

Raft foundation for Residential building.

The soil has a low bearing capacity so the weight of the building needs to be spread out over a large area to create a stable foundation.

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Dr. D. Y. PatilPratishthan's College of Engineering
Salokhenagar, Kolhapur.
 Department of Civil Engineering

TE Civil Visit Attendance Sheet (GT-II Raft Foundation) [13-02-2019]

Sr.No.	Name of Students	Sign
1.	BAVDHANE RUPALI	
2.	BELEKAR SAINATH TANAJI	
3.	BHAKARE SIDDESH SANJAY	
4.	CHAVAN ANIKET BABURAO	
5.	DHUMAL DHIRAJ DNYANDEV	— AB —
6.	GAIKWAD VIKRANT VIJAY	
7.	GAVHANE SHRIKRISHNA BALIRAM	
8.	GHADGE SUJEET SAINIK	
9.	GHARAL RUP SINHA KRISHNAT	— AD —
10.	GORE SANDHYA SONU	
11.	JADHAV PUNAM VISHNU	— AD —
12.	JATHAR AVADHUT ASHOK	— AD —
13.	JOSHI AMEYA VIJAY	— AB —
14.	KAMBLE ABHISHEK VILAS	
15.	KHADE HRISHIKESH SATISH	
16.	KONDUSKAR MANISH MANGESH	— AD —
17.	LANGOTE ROHIT NARAYAN	
18.	LOKARE DIGVIJAY SAMBHAJI	— AD —
19.	MANE DEEPALI PARMESHWAR	— AD —
20.	NIKAM SUCHITA RAJENDRA	
21.	NITORE PRASANNA ANANT	
22.	PARTE DHANANJAY HARIBHAU	
23.	PATIL AKSHAY BALU	
24.	PATIL AVADHUT SUBHASH	— AB —
25.	PATIL PRADIP BALVANT	
26.	PATIL PRATIK SANJAY	
27.	PATIL ROHIT RAGHUNATH	
28.	POWAR PRITAM VIJAYKUMAR	— AD —
29.	PRABHAVALKAR PRASANN HEMANT	
30.	SATHE SAMARAJIT SANTARAM	
31.	SHETTI SWAPNIL SHRIKANT	— AD —
32.	SHINDE PRATHAMESH DNYANESHWAR	
33.	SHIPEKAR CHETAN DINKAR	
34.	SUTAR SHUBHAM	
35.	TRAMBADIA JAYKUMAR HARESHBHAI	— AD —
36.	WAGARE DIPALI DATTATRAY	
37.	YADAV TEJASWINI BAJARANG	
38.	DAVARI OMKAR	
39.	PATIL JYOTI EKNATH	

Dr. D. Y. Patil Pratishthan's College of Engineering

Salokhenagar, Kolhapur.

Department of Civil Engineering

TE Civil Visit Attendance Sheet (EE-II) [23-01-2019]

Sr.No.	Name of Students	Sign
1.	BAVDHANE RUPALI	<i>[Signature]</i>
2.	BELEKAR SAINATH TANAJI	<i>[Signature]</i>
3.	BHAKARE SIDDESH SANJAY	<i>[Signature]</i>
4.	CHAVAN ANIKET BABURAO	<i>[Signature]</i>
5.	DHUMAL DHIRAJ DNYANDEV	<i>[Signature]</i>
6.	GAIKWAD VIKRANT VIJAY	<i>[Signature]</i>
7.	GAVHANE SHRIKRISHNA BALIRAM	<i>[Signature]</i>
8.	GHADGE SUJEET SAINIK	<i>[Signature]</i>
9.	GHARAL RUPSINHA KRISHNAT	<i>[Signature]</i> AB
10.	GORE SANDHYA SONU	<i>[Signature]</i>
11.	JADHAV PUNAM VISHNU	<i>[Signature]</i> P.V. Jadhav
12.	JATHAR AVADHUT ASHOK	<i>[Signature]</i> Avadhut Jathar
13.	JOSHI AMEYA VIJAY	<i>[Signature]</i> Joshi
14.	KAMBLE ABHISHEK VILAS	<i>[Signature]</i> AB
15.	KHADE HRISHIKESH SATISH	<i>[Signature]</i>
16.	KONDUSKAR MANISH MANGESH	<i>[Signature]</i> AS
17.	LANGOTE ROHIT NARAYAN	<i>[Signature]</i>
18.	LOKARE DIGVIJAY SAMBHAJI	<i>[Signature]</i> Lokare
19.	MANE DEEPALI PARMESHWAR	<i>[Signature]</i> Mane
20.	NIKAM SUCHITA RAJENDRA	<i>[Signature]</i> Nikam
21.	NITORE PRASANNA ANANT	<i>[Signature]</i> AS
22.	PARTE DHANANJAY HARIBHAU	<i>[Signature]</i> Parte
23.	PATIL AKSHAY BALU	<i>[Signature]</i> Patil
24.	PATIL AVADHUT SUBHASH	<i>[Signature]</i> AB
25.	PATIL PRADIP BALVANT	<i>[Signature]</i>
26.	PATIL PRATIK SANJAY	<i>[Signature]</i> AS
27.	PATIL ROHIT RAGHUNATH	<i>[Signature]</i>
28.	POWAR PRITAM VIJAYKUMAR	<i>[Signature]</i> Powar
29.	PRABHAVALKAR PRASANN HEMANT	<i>[Signature]</i> AB
30.	SATHE SAMARAJIT SANTARAM	<i>[Signature]</i>
31.	SHETTI SWAPNIL SHRIKANT	<i>[Signature]</i>
32.	SHINDE PRATHAMESH DNYANESHWAR	<i>[Signature]</i>
33.	SHIPEKAR CHETAN DINKAR	<i>[Signature]</i>
34.	SUTAR SHUBHAM	<i>[Signature]</i> AB
35.	TRAMBADIA JAYKUMAR HARESHBHAI	<i>[Signature]</i>
36.	WAGARE DIPALI DATTATRAY	<i>[Signature]</i>
37.	YADAV TEJASWINI BAJARANG	<i>[Signature]</i>
38.	DAVARI OMKAR	<i>[Signature]</i> AS
39.	PATIL JYOTI EKNATH	<i>[Signature]</i>

VISIT REPORT ON HIGH VOLUME SAMPLER



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**DR. D.Y. PATIL PRATISHTHAN'S
COLLEGE OF ENGINEERING
SALOKHE NAGAR, KOLHAPUR**



DEPARTMENT OF CIVIL ENGINEERING

A

Report on

Vacation Field Training

SUBMITTED IN PARTIAL FULFILLMENT OF REQUIREMENT FOR THE
DEGREE OF

B.E. (CIVIL ENGINEERING)

BY

Mr. Chavan Abhijit Tanaji

SHIVAJI UNIVERSITY KOLHAPUR

2018-2019





High volume air samplers typically sample more than 1500m^3 of air over a 24 hour period, while low volume air samplers draw through only 29m^3 of air or less

Stack monitoring concept: -

Stack emissions monitoring is termed as stack emission testing. stack emission monitoring or stack sampling, it is process to measure emission of industrial waste or pollutants emitted from stack can be solid, gaseous liquid organic or inorganic

Control of air pollution for clean environment: -

Reducing pollutants in the air is important for human health & the environment poor air quality has harmful effects on human health, particularly the respiratory & cardiovascular systems. pollution control device: -

- ① Cyclone pollution control device
- ② electrostatic precipitator
- ③ bag filter
- ④ packed bed wet scrubber.

Ambient Air Quality standards: -

Pollution	type	standards
① Sulfur dioxide	primary	75 ppb
② particulate matter	primary & secondary	50 $\mu\text{g}/\text{m}^3$
③ Carbon monoxide	primary	3.5 ppm
④ ozone (O_3)	primary & secondary	0.12 ppm
⑤ Nitrogen oxide (NO_2)	primary & secondary	0.053 ppm
⑥ Lead	primary & secondary	0.15 $\mu\text{g}/\text{m}^3$

VISIT REPORT

WATER RESOURCE ENGINEERING



Date - 6 Oct 2018

Place - Metrological stan Jilha Pradhikarn vibhag
kolhapur

Address - Near Star Bazar, Front of Ayodhya Park
kolhapur

Guidance

1. Prof. Saurabh Jamadagni Sir.
2. Prof. Kazi Sir

Objective of visit

1. To know practical working of Metrological element.
2. To know practical information about Metrological instrument working
3. To know Actual Forecast of weathering.

Metrology

The branch of science which deals with the processes and phenomenon of atmosphere specially as means of weather forecasting

Metrological Environment

Following element comprises Metrological environment

1. Atmospheric Pressure
2. Air temperature
3. Humidity

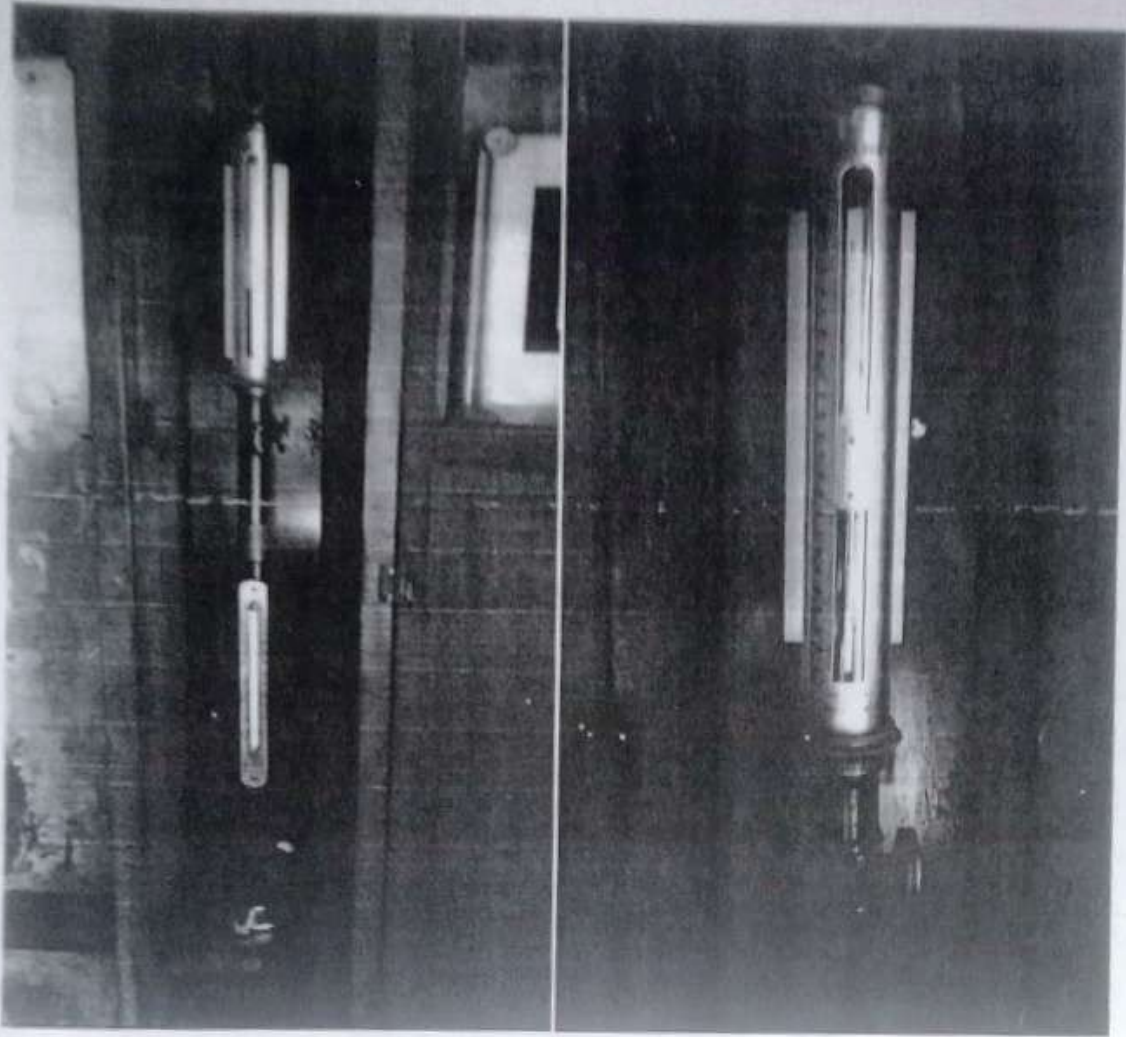


FIG- BAROMETER

4. Rainfall

5. Direction of wind speed

6. Movements of clouds and weather

Metrological instrument observed

1. Barometer

2. Anemometer

3. Wind vane

4. Stevenson's Apparatus

5. ordinary Rain gauge

6. Self Recording Rain gauge

7. water evaporation pot

8. Cloud information

Field work

First we come at 1st instrument i.e Barometer

1. Barometer

It is used to measure atmospheric pressure
we observed barometer there is bar reading i.e

853.5

Then for stan level reading bar reading -5 i.e
correction factor taken from atmospheric temperature
reading from std. value.

Then from Mean sea level pressure is added
stan level reading + dribal press. $MSL = 858.5 + 2.0 = 1010.5 \text{ HP}$



FIG-DIGITAL
BAROMETER

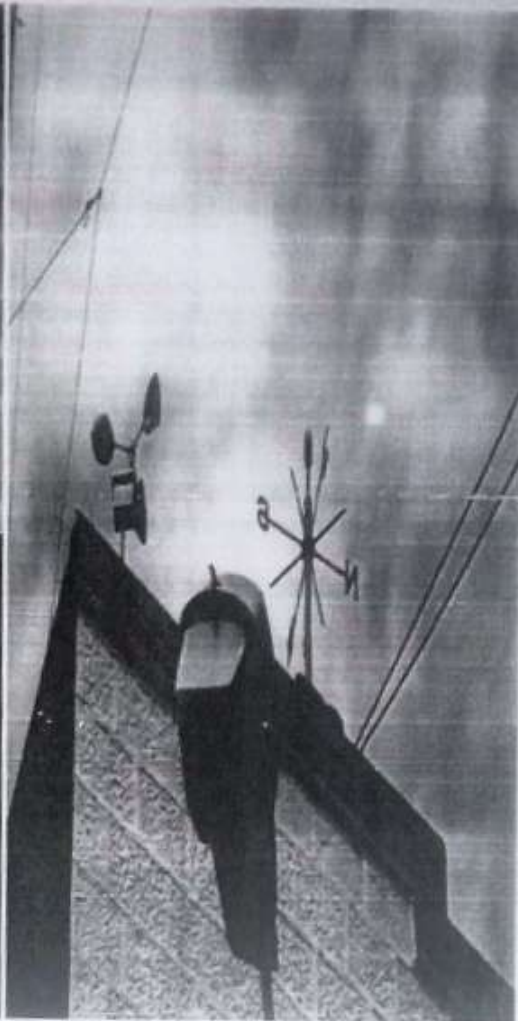


FIG-ANNEOMETER
WINDWAVE



There is also one digital std. barometer. instrument present which measures automatically atmospheric pressure by doing all self calculation

2. Anemometer

Anemometer measures the speed of wind. wind speed is measured in km/hr. At that time wind speed is 23 km/hr.

3. Wind vane

It is the instrument used to measure wind direction

wind vane instrument is situated at top of meteorological building

We observed the instrument

General information for wind direction

in Rainy season. wind direction is S-W

winter season. E-W

Summer season. N-W

i.e June - Sept wind direction is S-W

(i.e 230° - 290°)

in Sept. - Oct wind direction is E

wind speed is measured in Not's

i.e 1 Not = 1.92 km

wind speed above 20 Not is dangerous

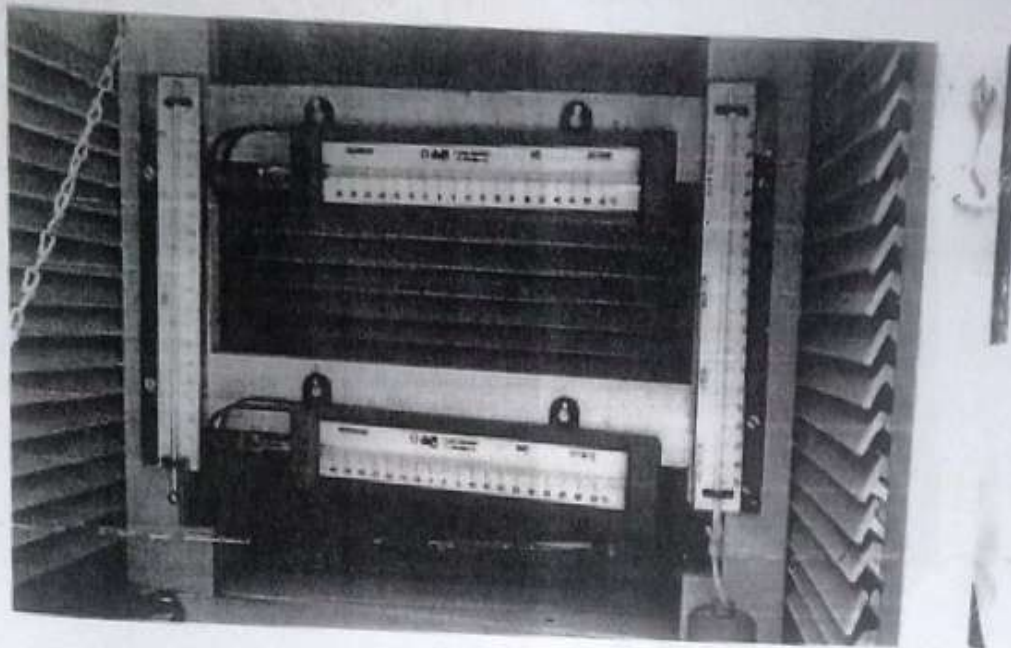


FIG-STEVENSON'S APPARATUS

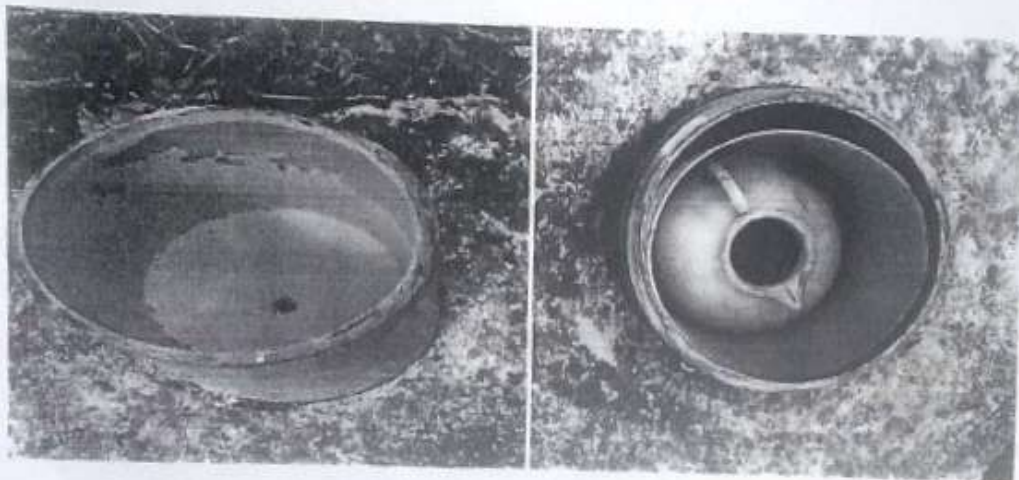


FIG-ORDINARY RAINGAUGE

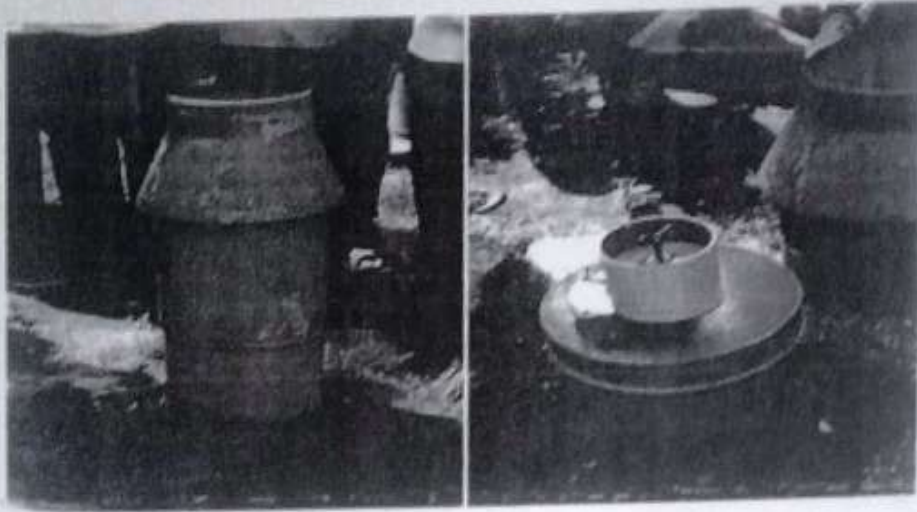


FIG-SELF RECORDING RAINGAUGE

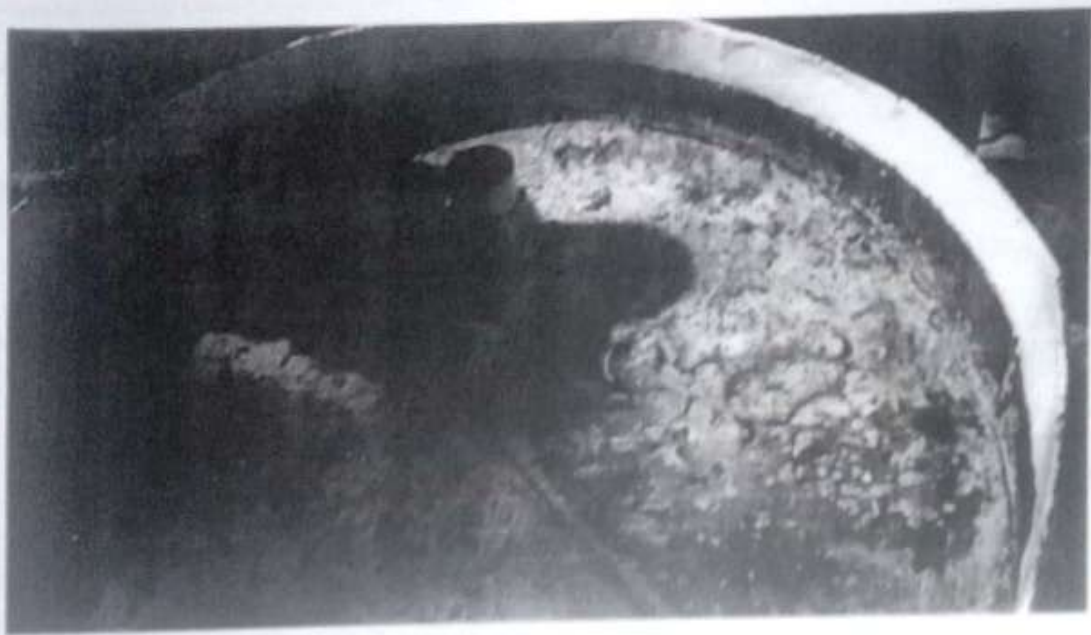


FIG-EVAPORATION POT

4. Stevenson's Apparatus

In that instrument thermometer is situated
There are 2 thermometers in vertical and horizontal position

They are used to find humidity, dry bulb temp. and wet bulb temp.

Horizontal thermometer were used to measure Min. and Max. temperature

water used wet bulb thermometer is distilled water.

5. Ordinary Rain gauge

After that we all are goes to see rain gauge
it is used to measure rainfall manually. Rainfall is measured in mm. ordinary rain gauge has a dia. of 150mm

6. self Recording Rain gauge

Instrument is used to measure rainfall.
Rainfall is measured in mm.

Accuracy of instrument is more than ordinary rain gauge.

Dr. D. Y. Patil College of Engineering

In self recording rain gauge rainfall is measured automatically

Dia. of self recording rain gauge is 203 mm
After that we see Evaporation test

7. Evaporation Pot

It is used to measure evaporation rate useful for dams, reservoirs, farm ponds etc. to know evaporation rate.

Dia. of Pot is 0.225 m and depth of Pot is 0.2 m. The Metal used for Pot is Copper.

Pot is protected with hexagonal wire Mesh to protect water in Pot from birds

Reading of Pot is taken at Morning 8.30 Am

i.e	8.30 Am	} 24 Hours
	5.30 Pm	
	5.30 Pm	
	8.30 Am	

Then sir told us cloud information

8. Cloud information

clouds are classified as follows

i.e Low clouds = 500m to 1000 m from G.L

Medium clouds = 1000 m to 8000 m from G.L

High clouds = 8000 m above G.L

Conclusion

By visiting Metrological department in Kolhapur we get the practice knowledge about instrument, instrument working, environmental activities

we also get knowledge about various processes carried out under Metrological department.

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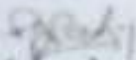
Department of Civil Engineering

Dr. 15/10/2018

NOTICE

All the students of T.E. Civil are hereby informed that a visit is arranged at "Water treatment plant", Puikhadi, Kolhapur for Environmental Engineering-I has been arranged on Tuesday 16/10/2018 at 3:00 pm.

Attendance is strictly compulsory for the visit.


Subject Incharge


H.O.D Civil



Dr. D. Y. Patil Pratishthan's

COLLEGE OF ENGINEERING

[Approved by AICTE (New Delhi), Govt. of Maharashtra, DTE Mumbai and
Affiliated to Shivaji University]

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E mail - dype472.ec@unishivaji.ac.in Website - coes.dypgroup.edu.in

Ref No : DYPCOE/2018/560

Date : 06 / 10 / 2018

To,

Office Incharge

Water Treatment Plant

Kolhapur.

Subject: Regarding permission for site visit of Environmental Engineering-I
(Sem V) for TE Civil Students.

Sir,

With reference to above subject, we require your permission for visit for third year students for the subject "Environmental Engineering -I" as per guidelines of Shivaji University, Kolhapur, to study working of water treatment plant.

The visit consists of total 38 students along with 2 staff members. So, requesting you to grant us permission for site visit at your premises.

We assure that our students and staff members will follow all rules and regulations at the site.

So kindly permit us to visit.

Thanking You.



Yours Faithfully,

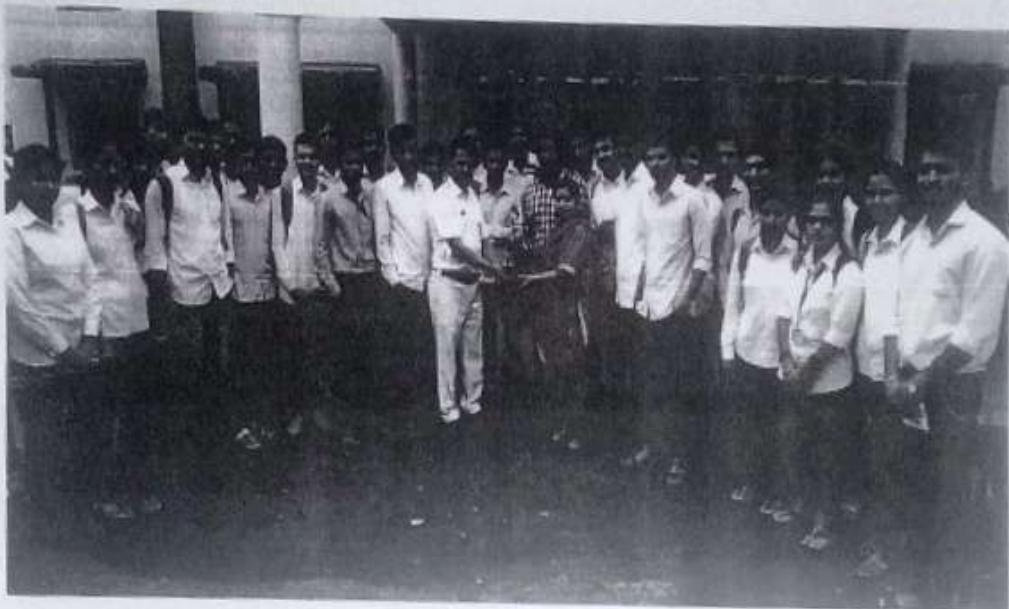
Principal
PRINCIPAL

Dr. D. Y. Patil Pratishthan's
College of Engineering
Salokhe Nagar, Kolhapur.

डॉ. म. न. पा. कोल्हापूर
१३/१०/१८
शहर पाणी पुरवठा विभाग
डॉ. म. न. पा. कोल्हापूर

Received.

ENVIRONMENTAL ENGINEERING VISIT REPORT



VISIT REPORT

Date :-

Place :- Water treatment plant (WTP) at paikhadi

Address :- WTP at paikhadi, Radhanagri Road Kolhapur.

UNDER GUIDENCE OF :-

prof - Amrula patil madam

prof - pol patil sir

and water treatment plant Head Mr. Uttam Jadhav sir

objective of visit :-

- 1) To know practical working of WTP i.e water treatment plant.
- 2) To know actual practical information about field book work.
- 3) To study water treatment plant unit with its dimensions

Water treatment plant :-

The objective of water treatment plant i.e (WTP) is to provide a probable drinkable supply of water to the consumer - one is chemically & microbiologically safe for human consumption.

Water treatment plant processing factors :-

Following are water treatment plant processing factor :-

- 1) Aeration
- 2) Flash mixing
- 3) Flocculator & flocculation

- 4) Sedimentation
- 5) Filtration
- 6) Disinfection → chlorination

* Water treatment plant treatment observed

- 1) Aerator
- 2) Flash mixer/mixturs
- 3) clariflocculator
- 4) Coagulation
- 5) Filtration
- 6) Disinfection - chlorination.

observed field work.

1) Aerator :-

Type of Aerator used for aeration purpose is cascade aerator

Cascade aerator having pipe diameter 1100mm & daily water comes through that pipe is 70MLD
MLD - million liters per day.

Design parameter of cascade Aerator

Rise - Lift

Trade - 2.25'ft

pipe diameter - 1100mm

Aeration process is used to remove odour, mix oxygen in water.

In aeration process various gases are removed upto certain limit & also it removed iron, mag manganese & micro-organisms are killed upto certain extent aeration process is done for water softening also.

2) Flash mixing :-

In flash mixing process the coagulants are mixed with water.

In flash mixing process mechanical process are used to mixed coagulant with raw water it consist of paddle or fan mounted on vertical shaft which is rotated by electric motor.

Design parameter of Flash mixer

Depth - 40 ft

motor used - 60HP (Horse power)

& fan length from top to inside flash mixture is - 15 ft

For flash mixing process two tanks are used i.e one has capacity having 30 MLD & other tank has capacity 30 MLD

3) Flocculator :-

This device consist of horizontal shaft over which several paddles are mounted

The horizontal shaft is generated with a vertical shaft is connected to driving unit when paddles are rotated the mixing operation is achieved.

4] Coagulation :-

When water contains such a fine particles of colloidal particles they can be removed easily by increasing their size or converting them into flocculation particles.

For this process certain chemical compounds called as coagulants are added in water to remove the suspended particles with coagulants the process is called as sedimentation with coagulation.

Coagulants used :-

TCL = Tetrachlorine

OAC - poly activated carbon

Alum -

5] Filtration :-

In WTP eight no. of filter bed is provided with the capacity one each bed having 7 lakh liter per day

In filtration process there are various layers of sand having particles size smaller to big is provided. After one particular bed aluminium metal sheet net is provided on sand layers i.e. one over another.

Sand is generally used in filter media the layers of sand are supported on gravel which allows the filtered water to move freely to under drainage system sand - also for daily use of silt particles filter bed back-washing of sand bed using air provided or process are used to remove impurities or silt particles remained in bed.

Back washing period of sand beds:

6 AM to 2 PM - 3 beds
2 PM to 10 PM - 2 beds
10 PM to 6 AM - 2 beds } for backwashing process.

G) Disinfection:-

In disinfection process all micro-organisms present in water is killed or removed.

The chemical used to kill that micro-organisms are called disinfectant.

method used for disinfection at WTP is chlorination

chlorination:-

- In disinfection process chlorine and its components are used as disinfectant.

- chlorine is added to water at 1 to 2 ppm depends upon turbidity present in water

After all purification process from WTP chlorine content present in water is at upto 1 ppm but upto water reaches to consumer chlorine content is decreased by 0.1 to 0.3 ppm at tap water.

Summary

In Kolhapur four water treatment plants are present or available

- 1) At pulchadi - capacity - 70 mld
- 2) Balinge - 60 mld
- 3) Bawada - 42 mld
- 4) Kalamba - 10 mld

visit at puikhadi.

In WTP at puikhadi following process are used or adopted for water purification purpose.

aceration, Flash mixing, flocculation, coagulation, filtration, disinfection.

AT WTP water comes from shingapur. Chorbukhadi Aptenagar puikhadi.

from shingapur water is lifted from sack well by using pumping stations.

But from WTP water distributed to the consumer by gravity flow

conclusion :-

By visiting water treatment plant we get the knowledge of practical working of WTP

- we also get the knowledge about various processes carried out in WTP for water purification purpose.
- we understand the actual unit of WTP used for purification of water.

~~CSM~~
S



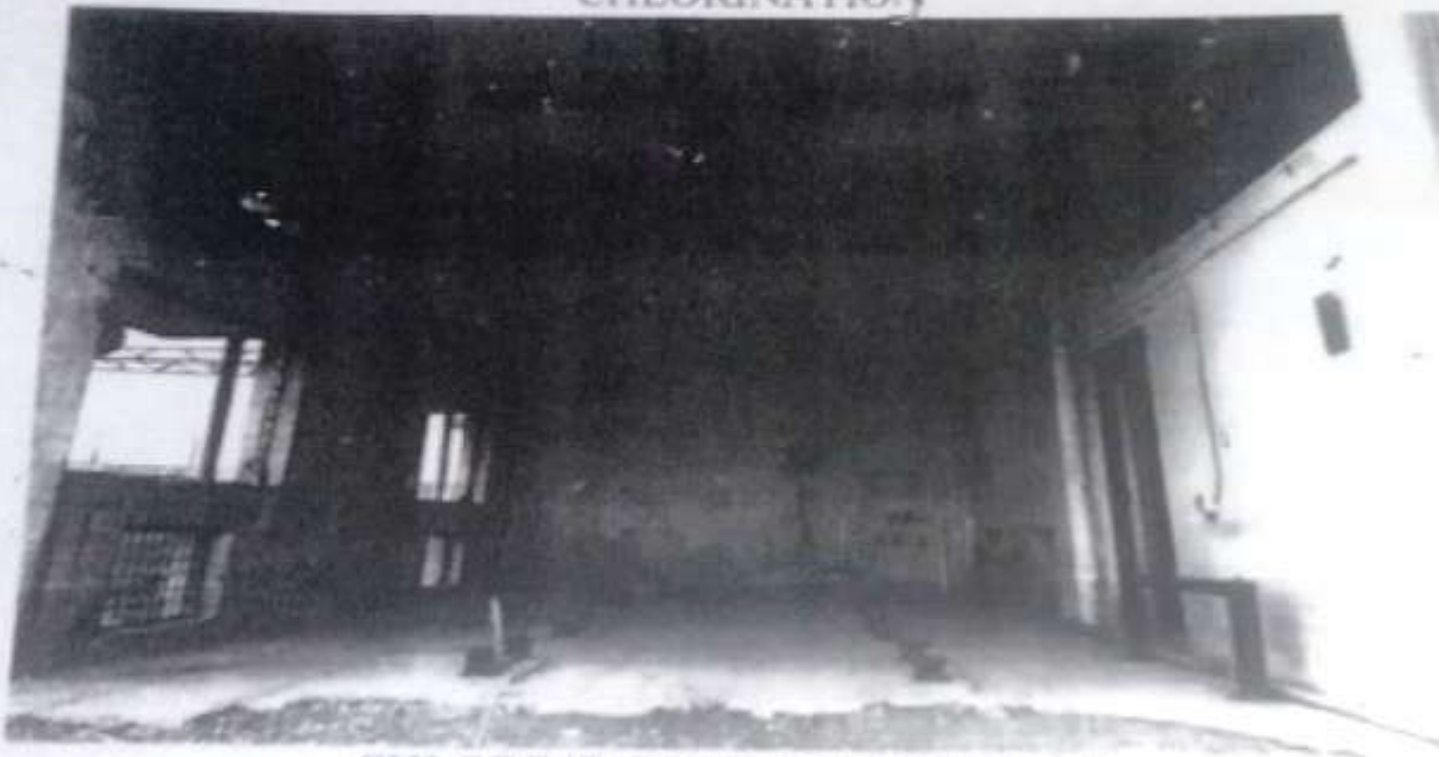
AERATOR



CASCADE AERATOR



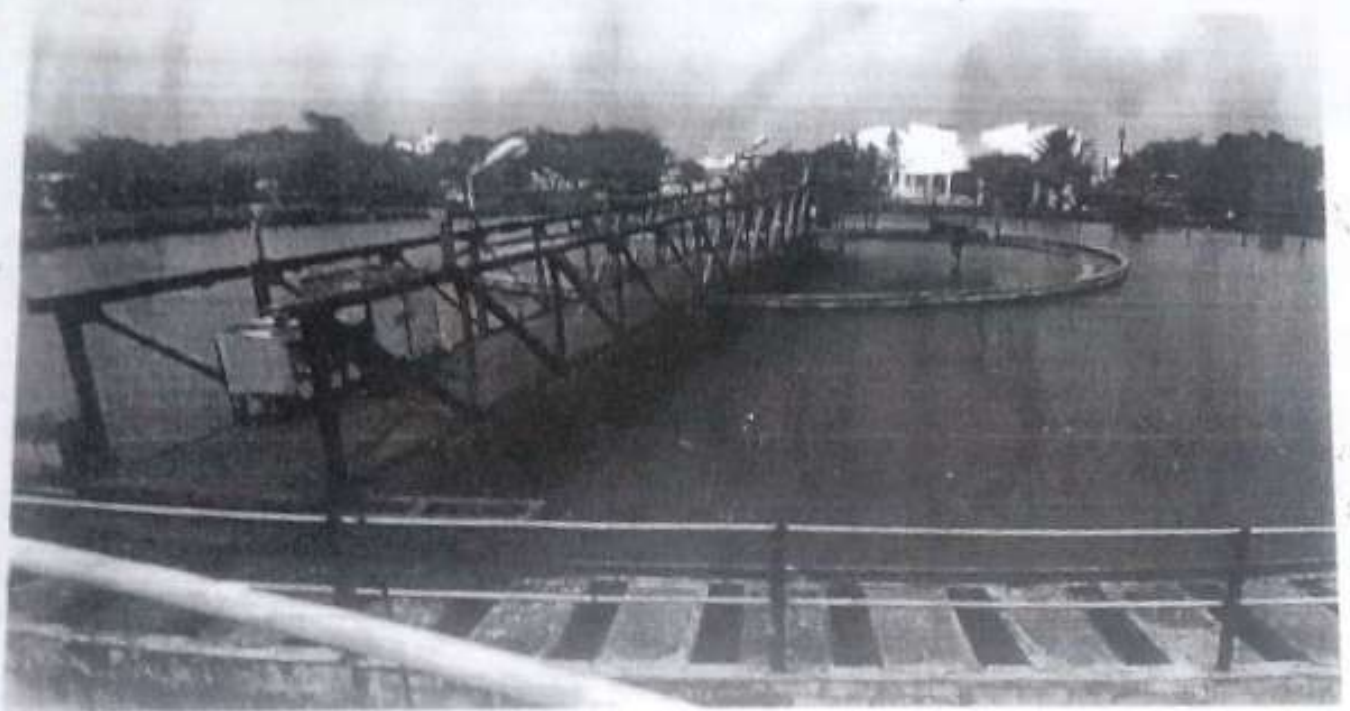
CHLORINATION



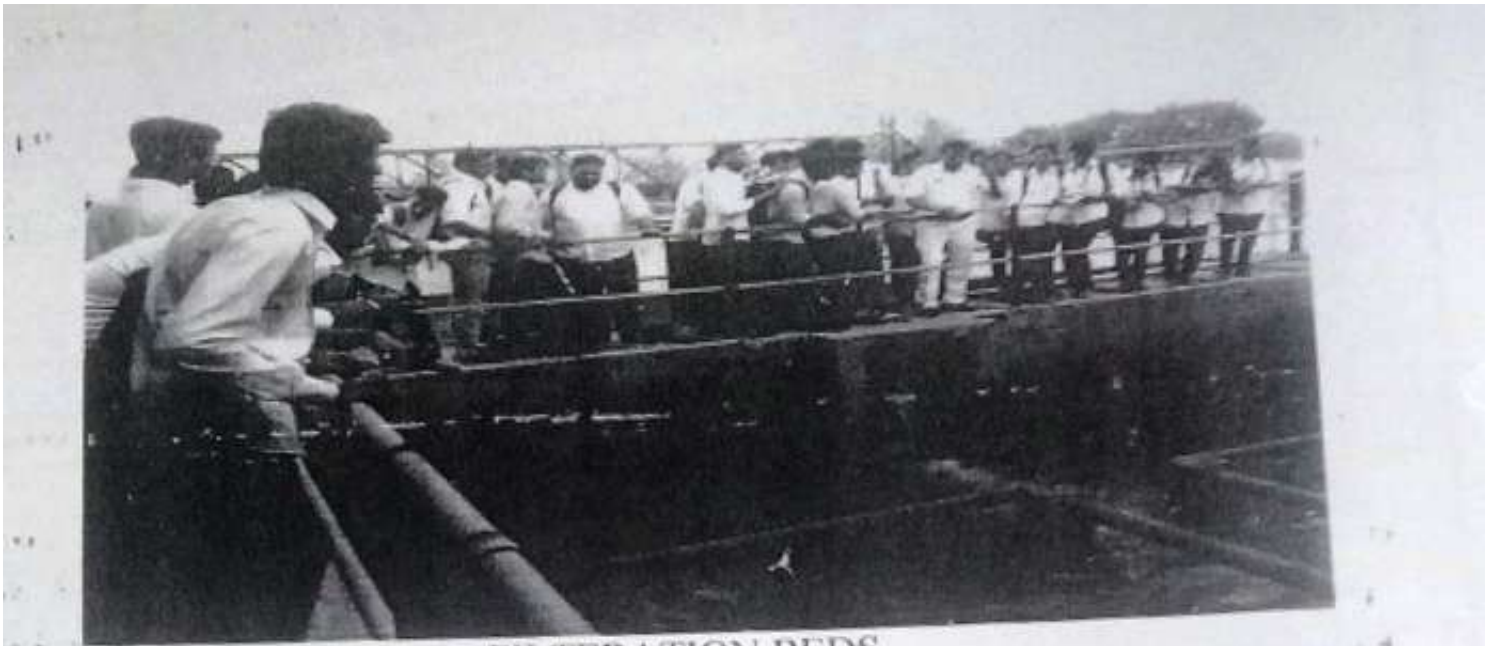
CHLORINE CONTROL CHAMBER



FLASH MIXER (venturiflume)



CLARIFLOCCULATOR



FILTRATION BEDS



RAPID SAND FILTER