



Guru Gobind Singh College of Engineering & Research Centre, Nashik
Academic Year [2023-24]

TE Civil Engineering Student Site Visit at STP Agrtakdi (110 MLD), Nashik



Date: 29th February, 2024

Venue: STP , Pushpak Nagar, Lokhande Mala, Nashik Road, Nashik, Maharashtra 422006

Event Schedule:

Date	Time	Description
29 Feb 2024	12:00 PM - 04:20 PM	

Dear All,

Objectives:

1. To gain insights into the sewage treatment processes employed at the Agrtakdi Sewage Treatment Plant (110 MLD) to comprehend its functioning and significance in wastewater management.
2. To assess the infrastructure, equipment, and operational procedures at the Agrtakdi Sewage Treatment Plant to understand its efficiency, capacity, and compliance with environmental regulations.

Outcomes: Student are able to

1. Acquire a deeper understanding of sewage treatment methodologies and their role in maintaining environmental health, contributing to informed decision-making and advocacy for sustainable wastewater management practices.
2. Identification of potential areas for optimization and enhancement in infrastructure, operational processes, and environmental sustainability practices at the Agrtakdi Sewage Treatment Plant, leading to improved performance and resource utilization.

PO Statement: PO1, PO3, PO6, PO7, PO12, PS01 & PS03.

Speaker Details:- Shri. Sanjay Shinde (Plant Incharge Agrtakdi STP +91 9850283278) and Shri Thakur, Executive Engineer of NMC Nashik

Target Audience:- TE Civil Engg Students

Total Number of Students Present: 30

Feedback: In ERP

Summary

Under the expert guidance of Plant Incharge Shri. Sanjay Shinde and Shri Thakur, Executive Engineer of NMC Nashik, along with the supervision of our esteemed subject teacher Mr. Kamlesh Bhagat, Assistant Professor, and Mrs. Ugale Jayshree, Technical Assistant, students of our institution had the privilege of conducting an educational visit to the Sewage Treatment Plant (STP) at Agrtakdi, Nashik.

During the visit, students were provided with a comprehensive tour of the facility, which boasts a remarkable capacity of 70 MLD (Million Liters per Day) utilizing the Activated Sludge Process and an additional 40 MLD capacity employing the Moving Bed Bioreactor technology. Under the guidance of experienced professionals, students gained invaluable insights into the intricate processes involved in wastewater treatment, from preliminary treatment to final discharge.

Throughout the visit, emphasis was placed not only on theoretical understanding but also on practical applications, fostering a culture of lifelong learning among the students. Interactive sessions and discussions facilitated a deeper understanding of the environmental significance and engineering complexities associated with sewage treatment.

This site visit served as an enriching experience, offering students the opportunity to bridge the gap between classroom learning and real-world practices. By witnessing firsthand the operations of a modern sewage treatment plant and engaging with industry experts, students were empowered with knowledge that extends beyond textbooks, enabling them to contribute meaningfully to the field of civil engineering and environmental sustainability.

The visit concluded with a sense of accomplishment and a commitment to apply the acquired knowledge in their academic pursuits and future endeavors. We extend our sincere gratitude to Shri. Sanjay Shinde, Shri Thakur, Mr. Kamlesh Bhagat, and Mrs. Ugale Jayshree for their invaluable guidance and support throughout the visit, ensuring its success.

This educational excursion not only broadened the horizons of our students but also reinforced the importance of continuous learning and innovation in the field of civil engineering.

Notice

We are pleased to inform you that a valuable educational visit to the Agrakali Sewage Treatment Plant in Nashik has been organized for the **Third-Year Civil Engineering** department. This visit is scheduled to take place on **29th Feb 2024**. The objective of this visit is to provide you with practical insights into the Sewage Treatment processes and infrastructure, aligning with your academic curriculum.

Details of the Visit:

- Meeting Point: T.E. Class room No 126
- Departure Time: 11:30 AM
- Date: 29th Feb 2024

Agenda:

1. Introduction to Sewage Treatment
2. Tour of Facility
3. Interactive Session
4. Discussion on Environmental Impact
5. Conclusion and Reflection

Safety Measures: Adhere to all safety instructions provided by plant staff. Avoid touching any equipment or entering restricted areas without proper authorization.

Subject Teacher
Kamlesh P Bhagat

Head
Dr. V.K. Nairaj

Guru Gobind Singh College Of Engineering & Research Centre
Waste Water Management Department
Nashik Municipal Corporation, Nashik

Request for Permission to Visit Sewage Treatment Plant

Respected Sir,

I hope this letter finds you in good health and high spirits. I am Dr. K.C. Wilson, the Principal of Guru Gobind Singh College of Engineering, established in 2013 under Guru Gobind Singh Foundation. Our institution has been a pioneer in providing quality education in the field of Engineering, Technology, and Management. We are currently conducting a course in **Waste Water Management** for the **Third Year Civil Engineering** department. As part of the course, we are organizing a visit to the **Agrakali Sewage Treatment Plant** in Nashik. This visit is essential for our students to gain practical knowledge and understanding of the sewage treatment process. We are requesting your permission for this visit, which is scheduled for **29th Feb 2024**. We assure you that all safety measures will be strictly followed, and the visit will be supervised by our faculty members. We are grateful for your support and look forward to your positive response. If you require any further information, please feel free to contact us.

Thank you for considering our request. We look forward to your positive response. If you require any further information, please feel free to contact us.

Yours faithfully,

Dr. K.C. Wilson
Principal

Dr. V.K. Nairaj
Head

Mr. Kamlesh Bhagat		Subject Teacher	
28	Sahar Sayyad	48	49
29	Mahesh Shinde	53	50
30	Rushabh Shinde	52	51
31	Anish Singh	53	52
32	Milind Sonawane	54	53
33	Sunil Dhum	55	54
34	Rupesh Thorat	57	55
35	Vedant Shiralkar	58	56
36	Anant Vithandik	59	57
37	Murugan Vignesh	62	58
38	Neha Waghmare	63	59
39	Siddhi Yadav	64	60
40	Suyash Yadav	65	61
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Guru Gobind Singh College Of Engineering & Research Centre		Department : Civil Engineering Subject : Waste Water Management Sem - 6 T.E.C.E Date : 29/02/24	
Sr. No.	Roll No.	Name	Signature
1	2	Mayan Shir	
2	3	Aary Adarsh	
3	4	Snehal Bhavsar	
4	5	Parthiv Shingare	
5	6	Shubham Dond	
6	7	Shubham Dond	
7	8	Karansh Pancholikar	
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