



Sandip Institute of Technology and Research Centre

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(Approved by-AICTE, New Delhi, & Govt. of Maharashtra and Permanently Affiliated to Savitribai Phule Pune University (Formerly Pune University), Pune.

Accredited with “A” grade by NAAC With CGPA Score of 3.11

NBA Accredited for Computer & Mechanical Engineering(UG Course)

w.e.f. 2023-24 to 2025-26

An Autonomous Institute w.e.f. 2023-24



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Department of Civil Engineering Academic Year 2023-24

Site visit Report to wastewater treatment plant, Nashik

1. Event Title: Visit to wastewater treatment plant

2. Event Date: 03.04.2024

3. Event Conduction Duration: One Day

4. Event Venue: Tapovan Link Road Near Laxmi Narayan Bridge, Tapovan, Dwarka, Nashik

5. Name of Event Coordinator: Dr. J. G. Nayak

6. Event Objective: The primary objective of the visit was to provide participants with an insight into the operations and processes involved in wastewater treatment, emphasizing the importance of proper sewage management for environmental protection and public health.

7. Visit Summary: The students of SITRC TE Civil Department Visited Tapovan Sewage Treatment Plant, Dwarka Nashik . The visit commenced with a briefing session by plant staff, providing an overview of the facility's purpose, capacity, and the importance of wastewater treatment in protecting water bodies and public health.

8. Event Outcomes: Participants were guided through various sections of the treatment plant, including:

- **Influent Receiving:** The process of receiving and screening incoming sewage.
- **Primary Treatment:** Removal of large solids through settling and screening processes.
- **Secondary Treatment:** Biological treatment to further break down organic matter using aerobic processes.
- **Tertiary Treatment:** Additional filtration and disinfection processes to ensure water quality meets regulatory standards.
- **Sludge Handling:** Explanation of sludge management methods, including digestion, dewatering, and disposal or reuse.

9. Event Photos:



Glimpse of student with faculty at Sewage treatment Plant



Sedimentation tank



Oxidation tank

Dr. J. G. Nayak
HOD-Civil



Dr. M. M. Patil
Principal

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