Civil Engineering Department
School of Engineering & Technology
Academic Year 2025-26
Report on Industrial Visit

1. Event Title: Visit to Water Treatment Plant, Nilgiri Bag, Nashik

2. Event Date: 14.08.2025.

3. Event Conduction Duration: 11.00 AM TO 1.30 PM

4. Event Venue: At Nilgiri Bag, Nashik

5. Event Resource Person Details (Speaker Image, Speaker name, Designation, company name)

Mr. Tejas Shinde,Plant Manager,Water Treatment Plant, Nilgiri Bag, Nashik

6. Name of Event Coordinator with contact details:

Ms.Pranoti Sabale- Mo. 9975110284

Dr.Swati Patil- Mo.8698747179

7. Number of Participants: 62

8. Event Outline, Objective & Outcome of the event:

Outline: The visit was conducted at Water Treatment Plant, Nilgiri Bag, Nashik on 14.08.2025 which is located at Nilgiri Bag, Nashik for Second & Final Year Civil Engineering Students.

Objective:

1. To learn about different stages in the purification of raw water, including screening, sedimentation, filtration, and disinfection.
2. To observe and study the working of treatment units like intake structures, sedimentation tanks, aeration units, filters, and chlorination systems.
3. To gain practical exposure to the operation and maintenance of large-scale water treatment facilities.
4. To analyze how sludge and other by-products of water treatment are managed and disposed of.

Outcome of visit:

1. Students will be able to explain the entire flow of water from intake to distribution after

treatment.

2. Students should able to identify and describe the function of each unit process (e.g., sedimentation, filtration, disinfection).
3. Students should able to understand the role of physical, chemical, and biological tests in ensuring drinking water safety.
4. Students should able to identify sustainable practices and challenges in urban water supply and treatment.

Group Photo with students and Faculty members

Felicitation of Plant Manager with Students & Faculty members

Plant Manager Mr. Tejas Shinde sir explaining about Chlorination Unit

Explanation of Clariflocculator by Tejas Sir