

Event Name

Details of the Event: Industrial Visit to Nilgiri Bag Water Purification Centre (Jalshuddhikaran Kendra), Nashik Municipal Corporation, for the course Environmental Engineering I

Date of event: 06/10/2026 (Tuesday)

Name of Event: Industrial Visit

Sustainable Development Goals (SDGs) Mapping:

SDG 6 – Clean Water and Sanitation and

SDG 11 – Sustainable Cities and Communities.

Venue: Nilgiri Bag Water Purification Centre, 8, Nilgiri Bag Rd, Panchavati, Kailash Nagar, Nashik, Maharashtra 422003

Time: 10:30am to 3:00pm

Name of Coordinator: Pratik R. Verma

Number of Participants: 50

Organizing Committee: Department of Civil Engg.

Brief description of Event:

The Department of Civil Engineering, School of Engineering & Technology, Sandip University, organized an **Industrial Visit** to the **Nilgiri Bag Water Purification Centre, Nashik Municipal Corporation** on 6th October 2026 for third-year B.Tech Civil Engineering students as part of the course **Environmental Engineering I**. The visit gave students first-hand exposure to how raw water is treated and made fit for public supply, and helped them relate classroom concepts of water quality, treatment units and disinfection to a working municipal facility. During the visit, the plant staff briefed the students at the chlorination unit and explained the process followed at the plant, and students interacted with them and asked questions.

Objective of the Event:

- To expose students to the working of a municipal water treatment plant and its major units.
- To relate theoretical concepts of Environmental Engineering I, such as water quality, treatment processes and disinfection, to field practice.
- To understand the importance of safe drinking water supply and the role of civil engineers in public health.
- To develop awareness of the operation, monitoring and maintenance practices followed at a treatment plant.

Outcome of the Event:

After attending the visit, participants were able to:

1. Understand the sequence of treatment operations from raw water intake to supply of treated water.
2. Identify the major units of a water treatment plant, including the chlorination unit, and their purpose.
3. Appreciate the role of disinfection and quality monitoring in ensuring safe drinking water.
4. Apply the knowledge gained to the design, operation and management of water supply and treatment systems.

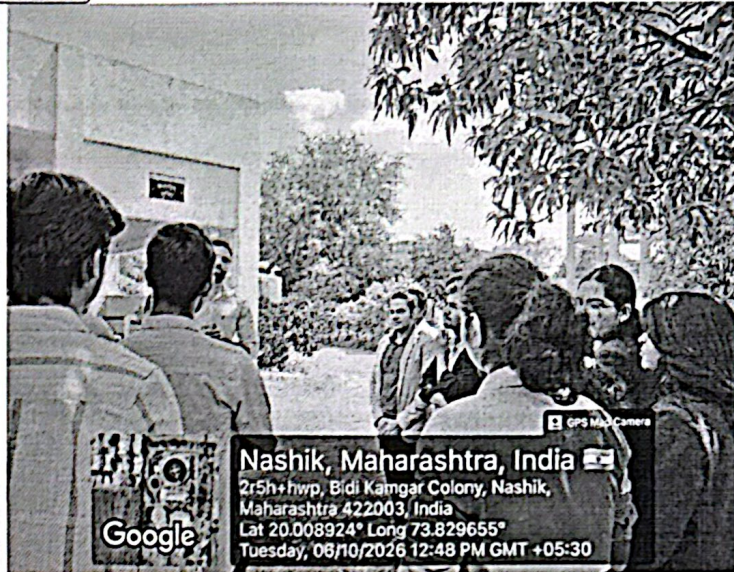
Impact on Society:

- The visit enhanced students' awareness about safe drinking water and the effort involved in supplying treated water to a city.
- It highlighted the importance of proper treatment, disinfection and monitoring in preventing water-borne diseases.
- It encouraged responsible and sustainable use of water resources.
- It strengthened students' understanding of the social and environmental responsibilities of civil engineers in urban infrastructure.

Event Photos:



Photograph 1: Group Photograph of Students and Faculty before the Industrial Visit



Photograph 2: Briefing by Plant Staff at the Chlorine Unit



Photograph 3: Group Photograph at Nilgiri Bag Water Purification Centre, Nashik

Sign 
 Programme Coordinator
 06/10/26


 HoD

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 School of Engineering and
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