

VPM's B.N. Bandodkar College of Science (Autonomous), Thane
One day visit to Common Effluent Treatment Plant (CETP), Navi Mumbai

Dept. of Environmental Science (EVS) and Department of Biodiversity Wildlife
Conservation and Management (BWCM)

Name of activity	One day visit to Common Effluent Treatment Plant (CETP), Mahape, Navi Mumbai.
Objectives of the activity (maximum 40 words)	Learn and understand how the CETP functions as a centralized facility designed to treat industrial effluent from multiple industries. Observe the various stages of treatment, including physical separation (screens, sedimentation), biological treatment (aerobic/anaerobic), and advanced tertiary treatments (like filtration or reverse osmosis). Gain insight into the role of automation in monitoring and controlling the treatment process, ensuring optimal operation and compliance with environmental standards.
Organizing department/s	Department of Environmental Science (EVS)
Collaborative institute	-
Date (DD / MM / YYYY)	19/11/2024
Venue	Common Effluent Treatment Plant (CETP), Mahape, Navi Mumbai.
Mode	Offline
Details of Resource person (name, designation, institution)	Mr. Mahesh Patil Officer, CETP
Key Participants	Students from M.Sc. Part 2 EVS and 2 faculty members
Remarkable outcomes/ key take-away messages (max. three)	Provide information on how CETPs help industries comply with pollution control norms by meeting standards for wastewater discharge, such as the permissible levels of BOD, COD, pH, and total dissolved solids (TDS). Understand the methods used for handling and disposal of the sludge generated from the treatment process, including dewatering, drying, and safe disposal. Understand how the CETP engages with local communities and stakeholders to raise awareness about water conservation and pollution control efforts.
Details of participants	
Total Number	13
Outsiders	-
In-house	13
	Faculty members:02 students: 11
	Male: 02 female:11 others: -

Q. Kumarat
30/04/2025

Left Photo: A group of nine people, including students and faculty, standing in front of the CETP (Central Export Training Park) building entrance. The building has a sign that reads "CETP (THE BOP ASSURANCE)".

Right Photo: A meeting in progress. Several people are seated around a large conference table, and a man is standing at the front near a presentation screen. The screen displays a slide titled "Greenhouse Gas Intensity of Exported Goods" with a list of countries: China, Vietnam, Indonesia, and Cambodia. The slide also includes the text "The Greenhouse Gas Intensity of Exported Goods is a key factor in determining the competitiveness of a country's exports." and "WORLD BANK GROUP".

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Department of Environmental Science and Biodiversity Wildlife Conservation and Management

Attendance for Industrial Visit at CETP, Mahape, 19th September, 2024

Sr. No.	PRN	Name of the Student	Signature
1	2023420219	Sumaiyya Zainul-Islam	[Signature]
2	2023420218	Sachin P. Deshpande	[Signature]
3	2018420728	Pooja Kumawat	[Signature]
4	2020420146	Tefal Parmar	[Signature]
5	2018420662	Nandini Pandey	[Signature]
6	2020420150	Virashree R. Churi	[Signature]
7	2020420151	Shrutika Shinde	[Signature]
8	2020420571	Vandana Khunde	[Signature]
9	2019420031	Yogini Vitegad	[Signature]
10	2023420229	Ansoni Mehurish	[Signature]
11	2023420230	Sayyed Aisha	[Signature]

Name of the faculty member:
Mr. Aditya Mhatre [Signature] 19/11/24
Ms. Saloni Sheth [Signature] 19/11/24