



**111, GOVERNMENT  
POLYTECHNIC COLLEGE,  
COIMBATORE – 641014**

**DEPARTMENT OF CIVIL  
ENGINEERING**

**ENVIRONMENTAL  
ENGINEERING**

**WASTE WATER TREATMENT  
PLANT**

**INDUSTRIAL VISIT REPORT**

## OVERVIEW

August 30, 2023 marked the visit of our III Year Civil students' industrial visit to the Ukkadam Sewage Treatment Plant in Coimbatore. The purpose of this visit was to provide students with practical insights into sewage treatment processes and their significance in maintaining environmental health and waste water management.

Departing the college premises at 1:30 PM, students arrived at the Ukkadam Sewage Treatment Plant at 3:15 PM. During their visit, students explored various structures associated with sewage intake, including channels, screens, and pumping stations. The technical assistant at the plant guided them through the treatment processes, emphasizing primary, secondary, and tertiary treatment stages. Students learned about the removal of waste solids, organic matter, and pathogens. The assistant also highlighted the critical role of sewage treatment in preventing water pollution and safeguarding public health. Proper treatment ensures that wastewater is safe for discharge into natural water bodies. Classroom knowledge from Environmental Engineering courses found practical relevance during this visit. Concepts such as aeration, sedimentation, and disinfection were evident in the treatment process.

After a comprehensive tour, students departed from the Sewage Treatment Plant at 4:30 PM. Throughout their visit, students were accompanied by two Lecturers namely Mr. Deepak V and Mr. Mukul Nandan R. Reflecting on the importance of responsible wastewater management, students traveled back home.

In conclusion, their visit underscored the need for efficient wastewater management and inspired them to contribute to a cleaner environment leading to a safe, hygiene and sustainable environment and making Earth a better place to live in.

# GLIMPSES

