

# GIDC Degree Engineering College, Abrama, Navsari



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Abrama, Tal: Jalalpor, Dist: Navsari-396406

Email:gidcengcol@gmail.com

Phone:02637-229040



## Civil Engineering Department

### **Report on Technical visit at Water Treatment Plant, GIDC Vapi**

Prof. Hemina Patel and Prof. Vikunj Tilva organised the technical visit of Water Treatment Plant at GIDC Vapi, Common Effluent Treatment Plant (CETP) and Solid Waste Management at VAPI GREEN ENVIRO LIMITED on 21<sup>st</sup> January 2020 for 6<sup>th</sup> semester students of Civil Engineering Department. The visit organized in prospective of 6<sup>th</sup> semester subject “Water and Wastewater Treatment Engineering (2160604)”. This visit organized for the following perspectives,

- Construction and operation of water treatment plant
- Construction and operation of Common Effluent Treatment Plant (CETP)
- Solid Waste Management Process
- Selection of treatment unit
- Optimum coagulant doses
- Water storage system
- Water distribution process
- Sludge management system
- Water transmission System

#### **1. Water Treatment Plant at GIDC Vapi**





## 2. Common Effluent Treatment Plant (CETP) at VAPI GREEN ENVIRO LIMITED



## 3. Solid Waste Management Site

