



**DEPARTMENT OF CIVIL
ENGINEERING SITE VISIT
REPORT**

Subject: - Environmental Engineering

II Site Visit Date: - 08-09-2017

Site:-Sewage Treatment Plant ,Airoli

Site Address: - Sewage Treatment Plant, Sector 15, Airoli, Navi Mumbai – 400708



As per the curriculum of University of Mumbai, students of final Year Civil Engineering having Environmental Engineering II subject required to visit a site as a part of their Termwork.

A site visit was arranged to Sewage Treatment Plant, sector 15, Airoli, Navi Mumbai.

About the Plant:-

The present sewage treatment plant is designed for 800000 inhabitants. The waste water is treated before it islet into the sea. This sewage treatment plant has been designed for Airoli Node in Navi Mumbai with latest C-Tech (Advanced cyclic Activated Sludge Technology) process for an average 80 MLD capacity.

In this site visit, students have got the knowledge regarding –

- How the treatment of waste water is done in actual practice?
- What are the various essential units of STP?
- Technical details of each unit with their working
- What are the various laboratory tests done on waste water?
- How safe disposal of waste water can be done?

Also they studied the difference between the characteristics of raw and treated waste water which help them to understand the effectiveness of treatment plant for the discharge of waste water in any river body or creek.

Remark : PO1,PO2,PO3 and PO 12 are covered.