



A Y DADABHAI TECHNICAL INSTITUTE (POLYTECHNIC)
MAHUVEJ ROAD, KOSAMBA.
DIST. SURAT (PIN - 394120)

VISIT REPORT

Wastewater treatment is the means by which water that has been used and/or contaminated by humans or nature is restored to a desirable quality. Treatment may consist of chemical, biological, or physical processes or a combination thereof.

*SEWAGE
TREATMENT
PLANT,
ANJANA, SURAT*



CIVIL ENGINEERING DEPARTMENT
SEMESTER – 6TH
SUBJECT – W. S. & S. E. (4360603)

REPORT

ON

SEWAGE TREATMENT PLANT

We have visited SEWAGE TREATMENT PLANT for understanding the working of a sewage plant. Its main aim is to treat domestic waste water and to convert harmful waste to disposable hygienic waste. It collects waste from Salabatpura, Anjana, Umarwada, Limbayat, Dumbhal and Dindoli (Part) are being catered.

The primary sewage treatment plant at Anjana, with a capacity of 25 MLD and 51 MLD capacities was constructed in the year 1958 and 1981 respectively. The secondary sewage treatment plant, based on the Conventional Activated Sludge Process and with a capacity of 82.50 MLD was constructed and commissioned in the year 2007, it has been upgraded to meet the latest sewage disposal norms of Gujarat Pollution Control Board. 0.5 MW biogas based power plant was commissioned at Anjana STP in Oct 2003, which was the 1st in its kind of in India. At Dindoli STP also, the provision is made for the 2 nos. of 0.375 MW power plants with the execution of sewage treatment plant.

