



Industrial Visit Report

Industrial visit Water treatment plant, STP, weather recording station, saraswathi barrage PATAN

Objectives:

The main objective of the Industrial visit to have exposure of basic civil engineering constructions and their functioning

Specialized Faculty

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Summary:

Industrial visit was arranged by S.R.Patel Engineering College on 22nd,march 2019. Visit was arranged to have exposure of theoretical knowledge of functioning of water treatment plant, Sewage treatment plant, weather recording station, saraswathi barrage for 6th sem and 4th sem students so that students can be

benefited in the civil engineering professional projects. This particular water treatment plant located on the banks of the Khan sarovar patan.the water is supplied from Dantiwada Dam consisting of all the conventional treatment process.from the water treatment we reached the Sewage treatment plant of patan city.

DETAILS OF VISIT

The raw sewage water is converted in to water fit for discharging in to lake and sludge is used as a fertilizer. the specialty of this STP is using the modern technology for treatment i.e., SBR sequential batch reactor where all the process were taken in only one tank which is economical compared to conventional treatment plant and also less odor compared to old. students appreciated the technology used. Next visited weather station students understood finding wind direction, velocity, evaporation constant. From there we finally visited saraswathi barrage Incharge has explained difference between weir and barrage students enjoyed this trip very well.

Industrial Visit Participants:

Visit was organized for the students of 6th Semester, Civil Engineering. There were 50 students in the visit.