

## One Day Visit Report

26.09.2021

Place of visit: Sewage water treatment plant construction

Date of visit: 25<sup>th</sup> September 2021

We batch of 2<sup>nd</sup> year students from department of civil engineering, along with 6 faculty members were visited sewage treatment plant construction site in Tirupur.

We have seen the construction of

- Collection Tank
- Screen Chamber
- Grit Chamber
- SBR tank (Sequential Batch Reactor)

### Operations

- Filling
- Aeration
- Sedimentation
- Decantation [Clear water removing]
- Chlorination Tank
- Centrifuge [For Sludge removing]

This visit was mainly focused on, to understand the sequences of construction activities involved in sewage treatment plant and the step-by-step process involved in treating water. We students were split into 5 Batches and Dr.Loganathan, Former AE of PWD, explained the process of treatment plant.

In Tirupur, the treatment plants were been divided into 4 localities, the plant we visited is one among them, they are constructing a new plant near periyamayakam palayam location, the plant is about treating 36 MLT of water per day. This visit helps us to gather knowledge about treatment of water. They had taken us to whole plant.

# Department of Civil Engineering

KPR Institute of Engineering and Technology



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## SITE VISIT PHOTOS





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