



MGM's College of Engineering and Technology
Kamothe, Navi Mumbai – 410209
Department of Biotechnology

Report on Industrial Visit-2018

An Industrial visit to Common Effluent Treatment Plant situated in Kopar Khairane was organized by Department of Biotechnology for BE Biotechnology students on 17th March 2018. 17 BE Biotechnology students and one faculty had attended the visit. CETP is one of the Navi Mumbai's biggest Effluent Treatment Plant which is successfully operational since 1997 and having a capacity of 12 MLD. The Plant is receiving effluents from all medium and large scale industries situated in Thane ó Belapur region.



The session had started at 10.30 am. The Students were divided into 2 batches and were taken to the various treatment tanks such as Clariflocculator, Thichner, Extended Aeration tank and Clarifier etc. The plant operator Mr. Mark had conducted very informative session to the students and explained about various procedures and treatments followed in the plant comprehensibly.





Thickener Tank



Extended Aeration Tank



Clarifier Tank

The students interacted very effectively during the sessions. The Plant Operator also displayed untreated and treated samples by which students could really understand the difference of the inlet and outlet characteristics visually.



It was concluded with Question- Answer session. Many of the students asked different questions to the Plant Operator regarding the BOD and COD values of the treated water, different flocculants used, time period for the extended aeration, working of thickener tank etc. He cleared all the doubts of the students and also made them motivate to choose the field of Environmental Engineering in future. The visit came to an end at 1.30pm.

We express our sincere thanks to the Manager and all the staff members of CETP who spent their valuable time for explaining the processes to us and making it an informative and interesting visit. We also thank to our respected Director General Sir and Principal Sir who motivate us to arrange such an enlightening program for our students.

Mrs. Parvathy Krishna
Faculty In charge

Dr. Sandhya Agarwal
HOD