

Expert Lecture Report

Expert lecture

Modern waste water treatment techniques

Objectives:

The main objective of the expert lecture to have exposure of basic civil engineering constructions and their functioning

Specialized Faculty

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neering College,
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Faculty Incharge :

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Summary:

Expert lecture was arranged by S.R.Patel Engineering College on 3th April 2018. Expert lecture was arranged by **J.K.Prajapati from MacEnv.Technology,**

Visnagar had explained the basics of functioning of Sewage treatment plant for 6th,8th and the problems that comes. students can be benefited in the civil engineering professional projects. He has also explained the latest technology like

MBR,MBBR their uses and profit.MBR **Membrane bioreactor** (MBR) is the combination of a **membrane** process like microfiltration or ultrafiltration with a biological wastewater treatment process, the activated sludge process. MBR are good at removal of COD, Nutrient along with BOD.

The MBBR system consists of an aeration tank (similar to an activated sludge tank) with special plastic carriers .where a biofilm can grow.

DETAILS OF EXPERT LECTURE



Expert lecture Participants:

Expert lecture was organized for the students of 6th&8th Semesters, Civil Engineering. There were 70 students in the expert lecture.