



ADHI
COLLEGE OF ENGINEERING & TECHNOLOGY

No:6, MunuAdhi Nagar, Sankarapuram, Near Wallajabad, Kancheepuram- 631 605.

REPORT ON

**GUEST LECTURE
BY
Ms.R.V.SOUNDARYA
“ADVANCED METHOD OF PACKAGED
SEWAGE TREATMENT “**

Guest Lecture: Ms.SOUNDARYA, Project Engineer, Hubert Enviro Care System

Date: August 24, 2018

Time: 10.30 am-12.00pm

Venue: Radhakrishnan Seminar hall

Organizer: Mrs. P.Vasanthi(HOD) , Ms.T.Ishwariya(Co-Ordinator)

Attending Students: II, III and IV-year students (97 students)

ABOUT THE GUEST

Ms.R.V.Soundarya completed B.E in the stream of Civil Engineering in Annamalai university – Chithambaram and M.E in the stream of Environmental Engineering in SRM University. Now she is working as a Project Engineer in the Hubert Enviro Care Systems(HECS).

ABOUT THE PROGRAM

INTRODUCTION

Nowadays, enormous amount of water contaminated from all aspects of works while amount of potable water level reduced. At that time waste water disposal on land and water get polluted. So, reduced that we go for sewage treatment. In Conventional sewage Treatment Plant, need large space for constructing plant and making noise pollution. So HECS making and working on the Packaged Sewage Treatment Plant.

PACKAGED SEWAGE TREATMENT PLANT

Waste water directly feed into the installed plant and screening placed inside the tank. Before go for treatment particles removed by screening process. After that it is treated in the tank. Solids deposited in the bottom of the tank and water only go for another tank with presence of suspended solids to the anaerobic reactor. Then its sent to the aerobic reactor. Finally suspended solids are deposited and again sent to the first sedimentation tank. End of the process treated water received from the outlet and receive gas to producing electricity.

She explained the full process of Packaged Sewage Treatment Plant (PSWT) and difference between the conventional and advanced method of sewage treatment plant. In this method doesn't need equalization tank. Sludge removal in the interval of 6months and it is used for manure. Treated water used only 3days. Because of after 3 days it again starting polluted. also, she explained standards of parameters in effluent water.

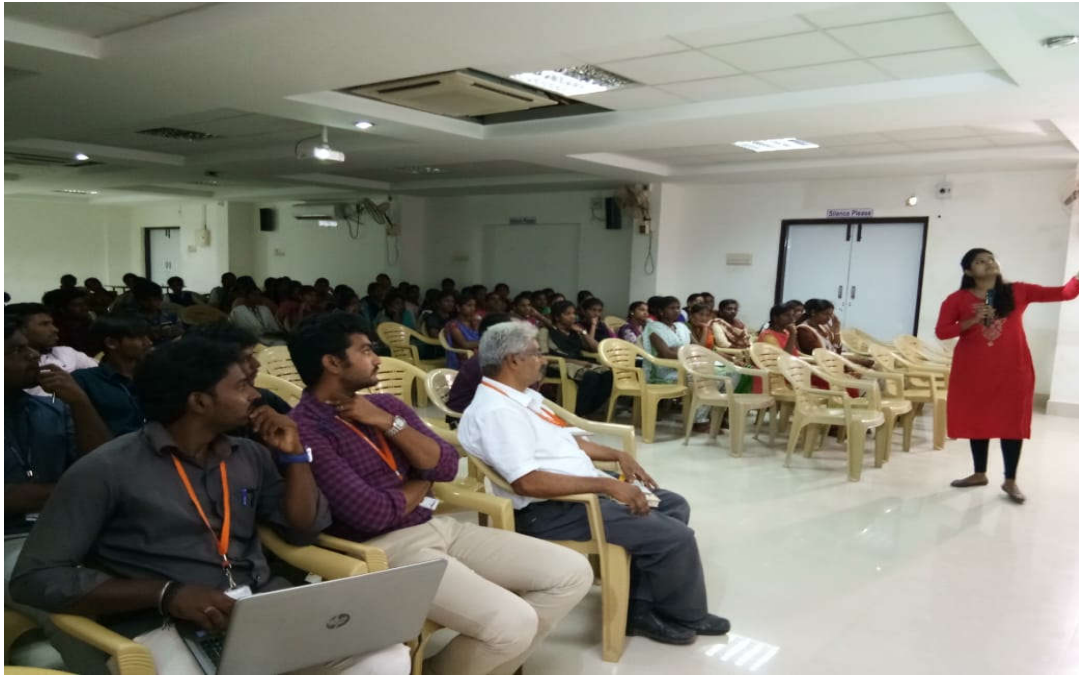
Thanks to the wonderful opportunity for our department for organized that and our management to supporting for us.



WELCOME ADDRESS BY MR.B.SASIVARMAN



HONOURING CHIEF GUEST BY MRS.P.VASANTHI



EXPLAINED ABOUT PACKAGED SEWAGE



STUDENTS INTERACTION



FINAL YEAR STUDENTS DISCUSSED ABOUT THEIR PROJECT



VOTE OF THANKS BY DR. K. SIVALINGAM