

1. FIELD VISIT TO DEEPAK FERTILISERS AND PETROCHEMICALS CORPORATION LIMITED



With the objective of providing the students, an understanding of the working of effluent treatment plant of the industry and as a part of the curriculum, the Department of Biotechnology has organised for TYBSc Biotechnology students, a field visit to Deepak Fertilisers and Petrochemicals Corporation Limited in the month of September 2013. Students were taken in two batches, one on 21st September and the other on 28th September. A total of 62 students had been for the visit alongwith 4 teachers.

The Head of the treatment plant took the students for a walk in the industry and showed various chemical plants and briefed them on different wastes generated in the industry, its treatment measures, stages involved and final disposal. Students and teachers were also given an opportunity to have an interactive discussion with the heads of the production plant and effluent treatment plant. A report of the field visit was prepared by the students and the same was submitted for their EVS Sem V University practical examination.

Overall, the field visit was very informative and rendered students, the technical knowledge about industrial effluent treatment.

2. ENVIRONMENTAL RESEARCH – DEPARTMENT OF BIOTECHNOLOGY

The Department of Biotechnology has been involved in active research in various fields of biological and environmental sciences. Following projects related to environmental sciences were carried out in the department during the academic year 2013-14.

Sr. No.	Student	Project Guide	Project Title
1.	Pranali Mhatre	Dr. K. M. Srinandinidevi	Isolation and Identification of a novel Chicken feather degrading bacteria
2.	Krutika Rathod	Mr. Gopakumar Pillai	Isolation, characterization and assessment of <i>Azotobacter</i> spp. in enhancing germination and growth of maize plants in metal contaminated soil
3.	Dhatrak Rohini Vikas	Mr. Deepak Chandramohan	Algae as a biofuel source: Isolation and identification of algal species