



DEPARTMENT OF CIVIL ENGINEERING
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STUDENT PROJECTS

Programme	:	M.Tech.
Specialization	:	Environmental Engineering
Year	:	2014 -16

Sl. No.	Roll No.	Name of the Student	Project Title	Guide
1.	203414001	Sagnik Das	Performance Improvement of BOT (Biological Oxygen Treatment) Plant Treating Coke Plant Effluent	Tata Steel Ltd
2.	203414002	Rituraj Suryavanshi	Water Quality Modelling of Korai River, Trichy	Dr. R. Manjula
3.	203414003	Mahima Goyal	The Study of Pollutant Dynamics in Noyyal River, Tamil Nadu, Using River and Stream water Quality model QUAL 2K	Dr. S. Saravanan
4.	203414005	Bantupalli Saivenkatesh	Effect of Seawater on Geoenvironmental Properties of Soils	Dr. K. Muthukkumaran
5.	203414006	Amrutha Krishnan	Defluoridation of Water Using Adsorption by Clay Minerals	Dr. S. Jayalekshmi
6.	203414007	Vineet Kumar Tiwari	Recovery of Copper and Lead from Waste Electronic Printed Circuit Board by Acid Leaching	Dr. S. Suresh
7.	203414008	Varsha C	Synthesis and Analysis of Magnetic Chitosan/Cellulose Microsphere (MCCM) for Dye Removal	Ms. D. Saranya Devi
8.	203414009	Addagada Lavanya	Speciation and Effectiveness of Aluminium Formate as a Coagulant: Promising for Water Treatment	Dr. S. T. Ramesh
9.	203414010	Kumari Priyanka	Polyhydroxyalkanoate (PHA) Production from Swine effluent using Mixed Microbial Cultures (MMC)	Dr. R. Gandhimathi
10.	203414011	Siddartha Phukan	Adsorption of basic dyes using Carboxymethyl Cellulose prepared from Water Hyacinth : Batch and Fixed bed studies	Dr. R. Manjula
11.	203414012	Sivamathini R	Two Dimensional Nanomaterials for Environmental and Biosafety Applications	CECRI
12.	203414013	Sudheer Dasari	Evaluation of Interface Shear Strength of Composite Liner System and Stability Analysis for a Landfill Lining System	Dr. K. Muthukkumaran
13.	203414014	Aryama Raychaudhuri	Bioethanol Production from Lignocellulosic Biomass for Small Scale Business Considering the Supply Chain Sustainability	Jadavpur University
14.	203414015	Jeevan Shivaram Multhalli	Rapid Analysis of BOD Using Microbial Immobilization	Dr. S. Saravanan

15.	203414016	Divakar Upadhyay	De-emulsification of Oil in Water Emulsion by Ultrasonication Technique	Dr. T. Sivasankar
16.	203414017	Kondamarri Ramesh	Coagulation Behaviour Performance, and Evaluation of Polyaluminum Chloride-Chitosan as a Dual Coagulant for Water Treatment	Dr. S.T. Ramesh
17.	203414018	Challa Mallikarjuna	Phosphorus Recovery as Hydroxyapatite in a batch reactor for the Valorization of Alkaline Phosphate Concentrates	Dr. S. T. Ramesh
18.	203414019	Kirti Tamta	Optimization of an integrated Electrocoagulation / Electro oxidation process using Fe as Bipolar Electrode for pulp and Paper wastewater	Dr. R. Gandhimathi
19.	203414020	Modiboyina Mohana Krishna	Sludge Conditioning by Ultrasound and Chemical Conditioning Using Ferric Chloride and slaked lime	Dr. T. Sivasankar
20.	203414021	Gaurav Singh	Experimental Investigation of Carbon Dioxide Sequestration Using Polyol Based Nano Fluids	Dr. S. Suresh
21.	203414023	G. Rajmohan	Recovery of Copper (II) from aqueous water by Bio-Functional Magnetic Beads	Dr. R. Gandhimathi
22.	203414024	Nandhini S	Application of Combined Process of Air Stripping and Struvite Precipitation for Sustainable Utilization of Phosphorous	Dr. S. T. Ramesh
23.	203414025	J. Vigneshwar	Synthesis and Characterization of Fe ₃ O ₄ Nanoparticle Coated With Humic Acid Salt from Malachite Green Dye Removal from aqueous solution	Dr. R. Gandhimathi
24.	203414026	Nallabattini Maheswar Reddy	Defluoridation of Water in Ca ²⁺ , Mg ²⁺ and Al ³⁺ Ion Assisted Electrocoagulation Using Al and Fe Electrodes	Dr. S. T. Ramesh
25.	203414027	Hasim Suhaib K	Stabilized Landfill Leachate Treatment by Homogeneous and Heterogeneous Fenton-Like Process	Dr. R. Gandhimathi