



DEPARTMENT OF CIVIL ENGINEERING
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STUDENT PROJECTS

Programme	:	M.Tech.
Specialization	:	Environmental Engineering
Year	:	2012 -14

Sl. No.	Roll No.	Name of the Student	Project Title	Guide
1.	203412001	Sumithra Venugopal	Treatment of partially stabilized landfill leachate by fenton oxidation in batch and continuous modes	Dr. R. Gandhimathi
2.	203412003	M Gunasheela	Comparative study of chemical precipitation and electrocoagulation for heavy metal removal from acid mine drainage	Dr. S. T. Ramesh
3.	203412004	S Soumya	Electrolytic degradation of reactive black B dye in aqueous solution using two dimensional and three dimensional electrode reactor	Dr. R. Gandhimathi
4.	203412005	Amy Susan George	Bacterial assisted immobilization of lead contaminated soil	Dr. K. Muthukkumaran
5.	203412006	Vivek B Krishnan	Synthesis, characterization and malachite green dye removal using calcium aluminium layered double hydroxide	Dr. S. T. Ramesh
6.	203412007	Kundan Samal	Performance of hybrid cell integrated with micro-electrolysis and anaerobic process for textile wastewater treatment	Dr. S. T. Ramesh
7.	203412008	Prapulla Kumar	Effect of seawater intrusion on soil and water characteristics - A case study of Velankani area, Nagapattinam district, Tamilnadu	Dr. K. Muthukkumaran
8.	203412009	R Ajitha	Analysis of heavy metals in urban soils of Tuticorin	Dr. K. Muthukkumaran
9.	203412010	Krupa J Thottapally	Experimental investigation on landfill leachate heavy metal attenuation in Biobarrier	Dr. R. Gandhimathi
10.	203412011	Vibhashu Vishwakarma	Sonophotocatalytic degradation of naphthol blue black dye and textile effluent by n-TiO ₂ , n-Fe(0) and Fe(0) doped TiO ₂	Dr. T. Sivasankar
11.	203412012	Sruthy O A	Electro kinetic remediation of lead contaminated soil	Dr. S. Jayalekshmi
12.	203412013	Sreelekha S Kumar	Assessment of gaseous pollutants and particulate matter in the ambient air from the heterogeneous traffic near an urban highway	Dr. R. Gandhimathi
13.	203412014	Sarath K	Oxidation and mineralization of magenta MB by persulphate based advanced oxidation process	Dr. R. Gandhimathi

14.	203412015	Trivendra Singh Gangwar	Sonophotocatalytic treatment of Textile effluent using as synthesized Fe(0) doped -Bi ₂ O ₃ Catalyst	Dr. T. Sivasankar
15.	203412016	Shrikant Kumar	Health risk due to particulate matter in Welding workplaces – A survey	Dr. S. Suresh
16.	203412018	Laiju A R	Treatment of distillery spent wash using iron loaded mangosteen as a heterogeneous fenton's catalyst	Dr. T. Sivasankar
17.	203412019	Subash Banavath	Modeling of water supply and sewage pipeline distribution for NIT Trichy using remote sensing & GIS techniques	Dr. Nisha Radhakrishnan
18.	203412020	K Baby Sheena	Enhanced bioremediation of lubricant oil contaminated soil by biostimulation using compost and compost tea and by bioaugmentation	Dr. S. T. Ramesh
19.	203412021	Omveer Singh Jadon	Performance evaluation of electrocoagulation process for the removal of acid blue dye from wastewater using sacrificial zinc electrodes	Dr. S. T. Ramesh
20.	203412022	Venkatarama Adusupalle	Immobilization of cadmium by cost effective amendments in a contaminated soil	Dr. R. Gandhimathi
21.	203412023	Vyshak R S	Study on removal of Phosphate from wastewater using soil and magnetite	Dr. S. Jayalekshmi
22.	203412024	Rohita Joseph	Refuse of scallop shells for the treatment of wastewater containing direct yellow-12 dye: Kinetic, equilibrium and thermodynamic analysis	Dr. S. T. Ramesh
23.	203412025	Sreekanth E M	Domestic wastewater treatment using modified magnesium oxide coated sand filter	Dr. S. Jayalekshmi
24.	203412026	Juli Kumari	Coal ash and metakaolin conversion into geopolymers as a low cost sorbent for degradation of dye from wastewater	Dr. S. T. Ramesh
25.	203412027	P Narendra	Experimental investigation on performance analysis of catalytic converter	Dr. S. Suresh
26.	203412028	Davuluri Syam Babu	Effect of urbanization on groundwater quality – A case study of Tiruchirappalli City, Tamilnadu.	Dr. S. Saravanan
27.	203412029	Sravani Y	Biodiesel production from waste cooking oil and its working characteristics with nanoadditives on a CI engine	Dr. S. Suresh