



DEPARTMENT OF CIVIL ENGINEERING
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STUDENT PROJECTS

Programme	:	M.Tech.
Specialization	:	Environmental Engineering
Year	:	2018 -20

Sl. No.	Roll No.	Name of the Student	Project Title	Guide
1.	203418001	Afeena gulam	Removal of Rhodamine B from wastewater using an iron metal organic framework as a catalyst in fenton process	Dr. R. Gandhimathi
2.	203418002	Akhil.M.K	Study on surface water and ground water flow modelling in subbasins of Krishnagiri using ARC-SWAT and VISUAL MODFLOW	Dr. R. Manjula
3.	203418003	Ankush Roy	Corrosion estimation of GI sheet in bentonite clay	Dr. Jeevan Joseph
4.	203418004	Athira.M.K	Optimization of an Electrocoagulation reactor for simultaneous removal of Fluoride and Hardness from water	Dr. S. T. Ramesh
5.	203418005	Athira S.	Stabilized landfill leachate degradation by H ₂ O ₂ /Persulfate based Advanced Oxidation Process using natural Pyrite	Dr. R. Gandhimathi
6.	203418006	Balakrishnan S	A small scale vertical subsurface flow constructed wetland for treatment of domestic wastewater	Dr. R. Gandhimathi
7.	203418008	Divya. K.B	Recovery of Phosphate as Hydroxyapatite by Fluidised Bed Homogeneous Crystallization Technique	Dr. S. T. Ramesh
8.	203418009	Feba benny	Degradation of Acid Orange 7 from wastewater by ultrasonic assisted Fenton process using fly ash augmented magnetite	Dr. R. Gandhimathi
9.	203418010	Haritha E H	Study on the impact of sand drains for water recharge methodology	Dr. Jeevan Joseph
10.	203418011	Hasna M N	Fate and transport of Cadmium in groundwater	Dr. R. Gandhimathi
11.	203418012	Lekshmi Mohan B	Exploiting the ion exchange behaviour of natural Clinoptilolite and its use as water softener in rural water treatment	Dr. S. T. Ramesh

12.	203418013	Manika Mongia	Extraction of nanocellulose from synthesized fruit waste and its comparative characterization with commercially available cellulose	Dr. S. Jayalekshmi
13.	203418014	Mhaisne priyanka bhanudas	Acid Phosphatase based electrochemical biosensor for the detection of pesticides	Dr. S. Jayalekshmi
14.	203418016	Mitin Mathew	Modelling of agriculture non-point pollution source using GIS and SWAT	Dr. S. Saravanan
15.	203418017	Prasun Mitra	Effect of salinity and substrate concentration on Polyhydroxyalkanoates production from synthetic oily bilge water using mixed microbial consortium	Dr. R. Gandhimathi
16.	203418018	Safthar Ali K M	Thermal characterization of liner system for radioactive waste containment	Dr. Jeevan Joseph
17.	203418019	Santosh Kumar	Production and characterization of briquettes incorporating paper sludge	Dr. S. T. Ramesh
18.	203418020	Satish Kumar	Considering life cycle impact assessment and willingness of society for construction and demolition waste management: an empirical case study	Dr. S. Saravanan
19.	203418021	S Haripriya	Assessment of ecological damage, Remediation plan and natural & Community resource augmentation Plan for mine lease of Neendakarakayamkulam Belt, Chavara, Kollam, Kerala	Dr. S. T. Ramesh
20.	203418022	Sherine Maria	Electrokinetic treatment of petroleum refinery sludge	Dr. S. T. Ramesh
21.	203418023	Shradha Nair	Fabrication of Stainless Steel meshes with inverse wettability for highly efficient oil-water separation	Dr. S. T. Ramesh
22.	203418024	Shweta Gomber	Removal of phenol by free and immobilized mixed culture of bacteria isolated from phenolic wastewater	Dr. R. Gandhimathi
23.	203418025	Vankiri Madhu	Analysis of streamflow and sediment yield using SWAT model in Sathanur reservation catchment area, South India	Dr. R. Manjula