



**DEPARTMENT OF CIVIL ENGINEERING**  
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**STUDENT PROJECTS**

Programme	:	M.Tech.
Specialization	:	Environmental Engineering
Year	:	2019 -21

Sl. No.	Roll No	Name of the Student	Project Title	Guide
1.	203419001	ABHINAV BHATI	Environmental impact assessment of ambient air fine particulate matter PM 2.5	Dr. Jeevan Joseph
2.	203419002	ANJU ANTONY	Decision support model for evaluating WEEE management alternatives and barriers using DEMATEL approach	Dr. S. T. Ramesh
3.	203419003	APARNA VS	Estimation of temperature rise due to anaerobic decomposition of carbohydrates, proteins and fats in municipal solid waste dumping sites in Tamil Nadu	Dr. S. T. Ramesh
4.	203419005	ATHIRA S	An empirical study of building related construction and demolition waste in Kochi, Kerala: waste generation, composition and handling	Dr. S. T. Ramesh
5.	203419006	BHUKYA NARESH	Air pollution mapping of Hyderabad city, India using ArcGIS	Dr. R. Manjula
6.	203419007	DIVYASREE RAJU	Pharmaceuticals and personal care products (PPCPS): occurrence, fate, transport and modelling in water environment	Dr. R. Gandhimathi
7.	203419009	GUDISA VAMSI KRISHNA	Simulation of the gaseous pollutants emitted by stack from power plant using Ansys fluent	Dr. G. Swaminathan
8.	203419010	ISHAN DEV	Soil moisture deficit estimation using SMOS satellite and hydrological model	Dr. G. Swaminathan
9.	203419011	JEYA JENISHA ANIS J	Estimation of WEEE generation in India by dynamic material flow analysis	Dr. S. Uma
10.	203419012	JULIANA J	Removal of thiamethoxam and clothianidin neonicotinoids from water using sequential approach of adsorption - ozonation treatment technology	Dr. R. Gandhimathi
11.	203419013	K S SREELAKSHMI	Estimation of methane emissions and assessment of energy recovery potential from municipal solid waste dumping sites in Tamil Nadu	Dr. S. T. Ramesh

12.	203419014	KUMAR SANKADIK	Impact of lockdown amid Covid-19 pandemic on air pollution of the important cities (Ghaziabad, Agra, Kanpur, Lucknow) of Uttar Pradesh, India	Dr. S. Saravanan
13.	203419015	LEENU RAJU	Particulate matter estimation over a coastal region Chennai, India using satellite AOD	Dr. R. Gandhimathi
14.	203419016	LOKESH JUGALKISHORE KUMAWAT	Study and application of remote sensing and GIS in solid waste management in the city of Navi Mumbai	Dr. S. Saravanan
15.	203419017	MANISH KUMAR MISHRA	Spatio-temporal analysis between urban heat island and atmospheric pollution island interaction over Delhi, India using geospatial techniques	Dr. Aneesh Mathew
16.	203419018	MEDA BALA NAGA MANIKANTA	Temporal variation analysis and forecasting of air pollutants and modelling of ground level ozone formation over the cities of Bangalore and New Delhi	Dr. Aneesh Mathew
17.	203419019	M MOHAMMED ANAS	Utilization of natural fibre-based composites for product development - experimental investigation	Dr. R. Manjula
18.	203419020	MUKESH KUMAR K	Modelling of groundwater flow and contaminant transport using VISUAL MODFLOW near Kullursandai reservoir area, Virudhunagar district	Dr. R. Gandhimathi
19.	203419021	N BALRAM	Study on the thermal and flow behavior of bentonite clay liner in deep geological repository	Dr. Jeevan Joseph
20.	203419022	NITIN PILOT	Numerical methods for the estimation of water quality of river Ganga in Bihar stretch	Dr. Jeevan Joseph
21.	203419023	REVATHY SURESH	Parametric optimization and modeling of crystal violet adsorption by bottom ash in a fixed bed column	Dr. R. Gandhimathi
22.	203419024	SHAIREE SANYAL	Eyeing sustainability: E-waste generation, recycling and cost-benefit analysis	Dr. S. T. Ramesh
23.	203419025	SHANMUGA SUNDARAM S	Hybrid oxide-based surface modification for erosion-corrosion prevention in boat propeller blades	Dr. G. Swaminathan
24.	203419026	SHRUTHI S	Optimization of water distribution system using grey wolf optimization	Dr. G. Swaminathan
25.	203419027	VARDHINI A	Evaluation of spatial and temporal variation of Groundwater quality index for drinking & irrigation suitability for South Pennar river basin	Dr. S. Saravanan
26.	203419028	VUDAMATLA VENKATESWARI	Sulfate radical based advanced oxidation process for wastewater treatment: study, mechanism and optimization	Dr. R. Gandhimathi