FINAL YEAR PROJECT DETAILS

B.Tech - Chemical Engineering (2017 - 2021)

REG. NO.	NAME OF THE STUDENT	PROJECT TITLE	NAME OF THE PROJECT GUIDE	
17108001	GOWTHAM RAJ B	REMOVAL OF ANTIBIOTICS FROM WASTEWATER USING FUNCTIONALIZED WASTE PAPER	Dr. R. SIVASHANKAR	
17108002	ABHISHEK VARADARAJAN	EXPERIMENTAL INVESTIGATION ON ACTIVE CARBON DIOXIDE FILTRATION METHOD FOR CLEAN DIESEL EXHAUST	Dr. GOVINDARAJAN R (CHEMICAL ENGG) / Dr. C. PRASAD (AUTOMOBILE)	
17108003	ANIRUDHDHAN S	LANDFILL LEACHATE WASTEWATER TREATMENT USING A HORIZONTAL FLOW CONSTRUCTED WETLANDS	Dr. GOVINDARAJAN R	
17108004	VIGNESH K	HYBRID CYLINDRICAL MICROBIAL FUEL CELL WITH NAFION 115 MEMBRANE FOR TEXTILE WASTEWATER TREATMENT AND ELECTRICITY GENERATION	Dr. GOVINDARAJAN R	
17108005	SATHISH P	SYNTHESIS, CHARACTERIZATIONS AND METHYL ORANGE DYE REMOVAL EFFICIENCY OF ACTIVATED CHARCOAL DERIVED FROM CAESALPINIA DECAPETALA SEEDS AND SHELLS	Dr. GOVINDARAJAN R	
17108006	RUTH SHEELA RANI KOLLA SURESHKUMAR	EXPLORING TWO - DIMENSIONAL Mo2CO2 MXENES BASED GAS SENSORS FOR AIR POLLUTANTS	Dr. B. VIVEKANANDAN (CHEMICAL ENGG) / Dr. P. PUSHPAMITHRA	
17108007	SHABU NISHAD P	BIOLEACHING OF METALS USING METAL ENRICHED BACTERIA	Dr. R. SIVASHANKAR	
17108008	MOHAMMED MUZACKIR A L	BIOTRANSFORMATION OF OILS USING OIL ISOLATED BACTERIA FROM GRAPE SEED OIL	Dr. R. SIVASHANKAR	
17108009	MOHAMED VALEETH M	PREPARATION OF ACTIVATED CARBON FROM *STERCULIA FOETIDA* FOR THE TREATMENT OF TEXTILE WASTEWATER	Dr. GOVINDARAJAN R	
17108011	AJITH KUMAR G	BIO-DIESEL PRODUCTION FROM BEEF TALLOW USING LIPASE AS BIO CATALYST	Dr. A. SARAVANAN	
17108012	BHARATHY PREETHA U	REDUCTION OF HEAVY METALS USING NANOPARTICLES	Dr. A. SARAVANAN	
17108013	ROHITH R	BIOTRANSFORMATION OF CHLORAMPHENICOL USING MUTANT STRAIN	Dr. A. SARAVANAN	
17108014	SIVA M	LANDFILL LEACHATE TREATMENT USING VERTICAL FLOW CONSTRUCTED WETLANDS	Dr. GOVINDARAJAN R	
17108015	POULAMI PATRA	BIOELECTROCHEMICAL TREATMENT OF SYNTHETIC EFFLUENT AND REDUCTION OF HEXAVALENT CHROMIUM TO TRIVALENT CHROMIUM USING SPEEK MEMBRANE AND COMAPRISION OF ELECTRICITY OUTPUT BY SPEEK AND NAFION	Mr. G. VIJAY SAMUEL	
17108016	KAKUMANU POOJA SRI	REDUCTION OF CHROMIUM IN SYNTHETIC EFFLUENT USING NAFION AS PEM IN MFC AND COMAPRISION OF ELECTRICITY OUTPUT BY NAFION AND SPEEK	Mr. G. VIJAY SAMUEL	
17108017	HARITHA S	REDUCTION OF HEAVY METALS USING NANO PARTICLES	Dr. A. SARAVANAN	
17108018	RAMKUMAR N	PRODUCTION OF PLATFORM CHEMICALS FROM BIOMASS	Dr. GOVINDARAJAN R	
17108019	HARSHAVARTHINI R	DESIGN OF Al2Cl7 USING PRESTINE SHEETS FOR EFFECTIVE BATTERY APPLICATIONS	Dr. B. VIVEKANANDAN (CHEMICAL ENGG) /	
17108020	MOHAMMED FASIL P	BIOLEACHING: METALS SOLUBILIZATION BY MICROORGANISMS	Dr. A. SARAVANAN	
17108021	ANKIREDDY DURGA PRASAD REDDY	BIOETHANOL PRODUCTION FROM FRUITS WASTE BY USING YEAST	Dr. A. SARAVANAN	
17108023	MOHAMED HASAN K A L	DESIGN OF ALCL4 USING PRESTINE SHEETS FOR EFFECTIVE BATTERY APPLICATIONS	Dr. B. VIVEKANANDAN (CHEMICAL ENGG) / Dr. P. PUSHPAMITHRA PANIGRAHI (CENCON)	
17108024	ASHWIN A	BIOTRANSFORMATION OF OLIVE OIL USING ISOLATED BACTERIA	Dr. A. SARAVANAN	
17108025	VELAN M R	REMOVAL OF DYES FROM WASTEWATER USING FUNCTIONALIZED WASTEPAPER	Dr. R. SIVASHANKAR	
17108026	MAGENDRA VARMAN T	EXPLORING TWO - DIMENSIONAL MO2CS2 MXENES BASED GAS SENSORS FOR AIR POLLUTANTS	Dr. B. VIVEKANANDAN (CHEMICAL ENGG) / Dr. P. PUSHPAMITHRA PANIGRAHI (CENCON)	

B.Tech - Chemical Engineering (2016 - 2020)

REG. NO.	NAME OF THE STUDENT	PROJECT TITLE	NAME OF THE PROJECT GUIDE	
16108001	Kiran Manoj	Synthesis Of Water Based Functionalised Graphene Nanofluid With Enhanced Thermo-physical Properties	Dr.B.Vivekanandan	National Institute of Technology, Calicut
16108002	Riyaz Basha	Treatment of textile industry effluent by using AGBR	Mr. Vijay Samuel	Hindustan Institute of Technology and Science
16108003	Eldhose Soman	Synthesis of silver incorporated graphene and application in heat sink	Dr.B.Vivekanandan	National Institute of Technology, Calicut
16108004	Karthick Raja	Microbial and molecular analysis of waste water using AGBR	Mr. Vijay Samuel	Hindustan Institute of Technology and Science
16108005	Preetham Reddy	Studies on high cathodic efficiency solvent for zinc plating process	Dr.A.Saravanan	India Brakes, Pvt. Ltd.
16108006	Anandhu Anil	Design of scrubber systen and purge incineration section	Dr T Srinivas	The Fertilizers and Chemicals ,Travancore
16108007	Ramkumar K	Liquid-Liquid Equilibrium of Polyethylene Glycol 1500 - Triammonium Citrate Based Aqueous Two phase system for Extraction of Biomolecules	Dr. Govindarajan R	Hindustan Institute of Technology and Science
16108008	Karnan Meghna	Modification of biodegradable polymer for enhancement of hydrophobicity	Dr.A. Anitha	Hindustan Institute of Technology and Science
16108009	Jayachandran	Studies of minimized hydrogen liberation inhibitors for acidization of electroplating process	Dr. A .Saravanan	India Brakes, Pvt. Ltd.
16108010	Ajay	PRODUCTION OF ATF FROM CRACKED FRACTIONS OF WASTE POLYPROPYLENE AND POLYETHYLENE	Dr. A .Saravanan	Dow Chemicals Pvt. Ltd
16108011	Balaji Babu	Intensification of thermal energy storage in phase change materials using nanoparticle	Dr T Srinivas	Hindustan Institute of Technology and Science
16108012	Shehzad Manzoor	Studies on microbial fuel system for power generation by nanocomposite membrane	Dr. R. Sivashankar	National Institute of Technology, Calicut
16108013	Nahif	Clay based membrane for treatment of dairy wastewater and electricity production by microbial fuel cell system	Dr. R. Sivashankar	National Institute of Technology, Calicut
16108014	Santhosh Kumar B	Adsorptive Removal of Chromium from Wastewater using Functionalized Mesoporous Silica	Dr. Govindarajan R	Indian Institute of Technology, Madras

	16108016	Akhil Varghese	Conversion of pharmaceutical industrial waste to a value added product	Mr. Vijay Samuel	Hindustan Institute of Technology and Science
	16108017	Abinesh	Characterization of PEG 3000 + Triammonium citrate + Water Based Aqueous Biphasic System for Extraction of Biomolecules	Dr. Govindarajan R	Hindustan Institute of Technology and Science
	15108012	Mohammed Muzamil	Chromium (VI) removal from its aqueous mixture using EDTA-functionalized chitosan magnetic adsorbent	Mr. T. Ravi	Hindustan Institute of Technology and Science
	15108011	Mohammed Fahim	Country Eggshell Coated Magnetic Absorbent Preparation For Chromium (VI) Removal	Mr. T. Ravi	Hindustan Institute of Technology and Science