



DEPARTMENT OF PETROCHEMICAL TECHNOLOGY

University College of Engineering - BIT Campus

Anna University, Tiruchirappalli - 620 024.

FUNDED PROJECTS - STUDENTS

S. No.	Name of the Student	Mentor Name	Title of the Project	Funding Agency	Amount Sanctioned
2024 - 2025					
1	Mr.K. Madhavan Mr.O. Siddharthan Mr.M. Logesh Raja	Dr.K. Kumaraguru Dr.M. Arulmozhi	Nano Fertilizers for enhancing soil carbon sequestration in Precision agriculture	CSRC, Anna University Chennai	Rs. 25000
2	Mr.S.V. Dinesh Ram Ms.S.T. Swetha Mr.S. Abdul Wahid	Dr.E. Gomathi	Development of Kcarrageenan based composite gel for food packaging using DIW 3d printing technology	CSRC, Anna University Chennai	Rs. 25000
2023 - 2024					
1	Ms. Nishika B S	Dr.M. Arulmozhi	Plastic degradation by microwave treatment	Tamil Nadu Science and Technology (TNSCST), Govt of Tamilnadu	Rs. 7500
2022 - 2023					
1	Akash G, Monish V, Selvavisagan B	Dr. S. Venkatesan	Reduction of pour point and Wax deposition in Diesel fuel using Vegetable Oil Additives	Centre for Sponsored Research and Consultancy (CSRC), Anna University, Chennai	Rs. 25,000

2	Nicholas Jones S Sooria Narayen J	Dr. S. Venkatesan	Deep desulphurisation of liquid fuels using ionic liquids	Centre for Sponsored Research and Consultancy (CSRC), Anna University, Chennai	Rs.25,000
3	Enayah Dastagir Subhashini T	Dr. M. Rengasamy	Design and Fabrication of Suction Pump for Removal of Oil Spills from Sea Water	Centre for Sponsored Research and Consultancy (CSRC), Anna University, Chennai	Rs.25,000
4	Mohamed Yasir M Shiva Shakthi Kumar S	Dr. M. Rengasamy	Design and Fabrication of Portable Fuel Extractor from a Used Masks and PPE Kits of Covid-19	Centre for Sponsored Research and Consultancy (CSRC), Anna University, Chennai	Rs.25,000
5	Selva Visagan B	Dr. S. Venkatesan	A systematic analysis of endocrine disturbing chemicals elimination in aquatic environment	Indian Institute of Chemical Engineers (IICChE), Kolkata	Rs. 10,000
6	Arnica. G Thanga Varsha. M	Dr. N. Jaya	Development of cross-linked PU-PS hydrophobic coatings from castor oil	Indian Institute of Chemical Engineers (IICChE), Kolkata	Rs. 10,000
7	Aadhithyan. A Gurudeshnamoorthy N Vishnuvaradhan. N	Dr. N. Stalin	Reclamation of Used Engine oil by Lab Scale Method.	Tamil Nadu Science and Technology (TNSCST), Govt of Tamilnadu	Rs. 7,500
8	Jeevananth. S Habip Rahuman. K Vishnu. S	Dr. N. Stalin	Pilot model study for Combined Heat and Power application in Sugar Plant	Tamil Nadu Science and Technology (TNSCST), Govt of Tamilnadu	Rs. 7,500
2019 - 2020					
9	Veeramani. M Ambrose Thiagaraja.	Dr. M. Arulmozhi	Development and demonstration of the ultra efficient nano filter system for recycling of textile effluents	Centre for Technology Development and Transfer (CTDT) Anna University, Chennai	Rs. 25,000

10	Tamizhazhagan. M Seenuvasan. V Varunn. P	Dr. M. Arulmozhi	Biodegradation of oil spills by indigenous actionobacteria originated from hydrocarbon contaminated soil	Centre for Technology Development and Transfer (CTDT) Anna University, Chennai	Rs. 25,000
11	Abinaya. M Bharath. R	Dr. M. Arulmozhi	Design and fabrication Of biocompatible core-shell nonocomposites for the enhanced antioxidant and antimicrobial activities	Centre for Technology Development and Transfer (CTDT) Anna University, Chennai	Rs. 25,000
12	Amarnath. M Ramya. R	Dr. S .Venkatesan	Deep desulphurisation of liquid fuels using ionic liquids	Centre for Technology Development and Transfer (CTDT) Anna University, Chennai	Rs. 25,000
13	Krishna Theja. V Manojkumar. S Vijayakumar. V	Dr. M. Rengasamy	Design and Fabrication Of One Step Oil Removal From Crude Oil Spills Using Novel Adsorbent	Centre for Technology Development and Transfer (CTDT) Anna University, Chennai	Rs. 25,000
14	Krishna Theja. V Manojkumar. S Vijayakuma. V	Dr. M. Rengasamy	Fabrication of capillary action crude oil removal and recovery model to clean up oil spills	Tamil Nadu Science and Technology (TNSCST), Govt of Tamilnadu	Rs. 7,500
2018 - 2019					
15	Abirami. R Saranya. R	Dr. S. Venkatesan	Deep desulphurisation of liquid fuels using ionic liquids	Tamil Nadu Science and Technology (TNSCST), Govt of Tamilnadu	Rs. 7,500
2015 - 2016					
16	Surendhar. A. D	Dr. M. Arulmozhi	Control of Non-linear fermentation process for the cultivation of actinomycetes and its application for the treatment of petroleum waste water	TEQIP – II, UCE, BIT Campus, Tiruchirappalli	Rs. 10,000

17	Saranya. S	Dr. M. Arulmozhi	Removal of heavy metal ions in aqueous solution by musk melon seeds assisted synthesis of PVA nanocomposite	TEQIP – II, UCE, BIT Campus, Tiruchirappalli	Rs. 10,000
18	Govindaraj. P	Dr. S.Venkatesan	Removal of phenol from aqueous solution using organic solvent +ionic liquid	TEQIP – II, UCE, BIT Campus, Tiruchirappalli	Rs. 10,000
19	Harsha Vardhan. S Rajamanickam. A Mohamed Thowfeek.	Dr. K. Kumaraguru	Comparative study of Removal of Crude oil by using sugarcane bagasse, rice hucks and wood dust	TEQIP – II, UCE, BIT Campus, Tiruchirappalli	Rs. 10,000
20	Arun Pandiyan. K. Sathiya Barani. K Tamilalagan. S	Dr. K. Kumaraguru	Reclamation of lube oil from used Engine oil by solvent extraction	TEQIP – II, UCE, BIT Campus, Tiruchirappalli	Rs. 10,000
21	Logesh, R Mohammed Halith. A	Dr. N. Jaya	Analysis of various pretreatments for the conversion of Rice straw into ethanol using fungi trichoderma viride F94	TEQIP – II, UCE, BIT Campus, Tiruchirappalli	Rs. 10,000
22	Murugavel. S	Dr. N. Jaya	Removal of Oil from water using of	TEQIP – II, UCE, BIT	Rs. 10,000
	Selvam. E Raju. M		calotropis Gigantea as an adsorbant	Campus, Tiruchirappalli	
23	Mugundhan. N Rameshkumar. A Parthasarathy. R	Dr. M. Rengasamy	Production of Biodiesel from Hostel waste cooking oil chalk powder as a catalyst	TEQIP – II, UCE, BIT Campus, Tiruchirappalli	Rs. 10,000
24	Shriram. V. A. Murali. M.	Dr. E. Gomathi	Treatment of tannery effluent using electrocoagulation	TEQIP – II, UCE, BIT Campus, Tiruchirappalli	Rs. 10,000
2014 - 2015					
25	Titus Praveen Kumar Satheesh T	Dr. T. Sekar	Batch Studies on Adsorption of waste oil by Poultry Feather	TEQIP – II, UCE, BIT Campus, Tiruchirappalli	Rs. 10,000
26	Saranya T	Dr. M. Arulmozhi	Studies on Removal of 4-chlorophenol from Aqueous Solution using <i>Azadirachta Indica</i> and TRITON X-100	TEQIP – II, UCE, BIT Campus, Tiruchirappalli	Rs. 10,000

27	Hemalatha M	Dr. M. Arulmozhi	Investigations on semiconductor nanostructures based Hetero Junction Diode Interfaces for Solar Cell Applications	TEQIP – II, UCE, BIT Campus, Tiruchirappalli	Rs. 10,000
28	Suriya K P	Dr. M. Arulmozhi	Preparation of Fe ₃ O ₄ / ZnO/ AuCore/Shell/Nanostructures for Resuable Photocatalytic Reactions used in Dye Degradation	TEQIP – II, UCE, BIT Campus, Tiruchirappalli	Rs. 10,000