

Department of Chemical Engineering-SDMCET
Students Funded Projects

Sl. No.	Name of the Faculty	Project Title	Funding agency	Amount	Team Members	Sanctioned Year/ Completed
1.	Dr. Lokeshwari N	Simultaneous adsorption and photocatalysis of mixed dye removal using MOF	46 th KSCST-SPP Bangalore	6000.00	NIKITA SAWANT POOJA JAKKANAVAR SHRINDHI G.K. GANESH K	2022-23 Completed
2.	Prof. S.S. Inamdar Suresh Kumar	Hydrodynamic cavitation-A tool for disinfection	46 th KSCST-SPP Bangalore	6000.00	ABHISHEK B AMRUTHA DESPHANDE ANISHKA JAYESH B	2022-23 Completed
3.	Prof. H.S. Ashoka	Study on synthesis and application of nano composite bio-polymers based on carbohydrate sources	IChE Bangalore	5000.00	YASHAS JAMES P A SANATH SHETTY DEVINAND PRABHU SHIV SHASHANK SHETTY	2022-23 Completed
4.	Dr. Keshava Joshi	Synthesis of zinc oxide nanoparticles and its applications	VTU-Belagavi	5000.00	SUJEETSINGH THAKUR PRIYANKA S KURDIKERI KARTHIK S GURIKAR	2021-22 Completed
5.	Prof. Kiran Rathod	To study and develop empirical model for simultaneous removal of COD and nitrate using spouted bed reactor	VTU- Belagavi	5000.00	ABHILASH M S DONTIREDDY SHESITHER REDDY GOURISHANKAR P VRUSHABH HUEDAR	2021-22 Completed
6.	Dr. Lokeshwari N Dr. Keshava Joshi	Design and fabrication of a system to capture aerial CO ₂	45 th KSCST - SPP Bangalore	8500.00	KHAN SAGIR KAMAL SHASHANK M BALIGAR PREKSHA KUMARI BAFNA AYESHA A NADAF	2021-22 Completed
7.	Dr. Shivanand Y.A	Preparation and characterization of activated carbon from corncob and coconut shell	45 th KSCST - SPP Bangalore	8500.00	ANUSHA RAICHUR APPASAB K WAGHAMORE BAVU GHATAKAMBLE PRIYANKA PATIL	2021-22 Completed
8.	Dr. Rashmi S H	Up cycling of thermoplastic polystyrene waste for oil sorption applications using citrus peel extract	44 th KSCST - SPP Bangalore	5500.00	NAGRANJINI KAVYA	2020-21 Completed

9.	Prof. S.S. Inamdar	Recovery of wax from pressmud and fortification as a fertilizer	IChE, Bangalore	5000.00	KEERTHI ESHWARGOUDA VINAY	2020-21 Completed
10.	Dr. Shivanand Y.A	Characterization and development of self healing paint	VTU, Belagavi	5000.00	SUKEERTH NITINKUMAR SHRISHAIL	2020-21 Completed
11.	Prof. Kiran Rathod	Kinetic study and modulation of denitrification of waste water using spouted bed reactor	VTU Belagavi	5000.00	NIRANJAN KARUNAKAR	2020-21 Completed
12.	Dr. Keshava Joshi/Prof. S.S. Inamdar	Synthesis and fabrication of composites from waste materials- waste to worth	43 rd KSCST Bangalore	Rs. 6000 Thousand	H V PRIYA AFNANA A	2019-20 Completed
13.	Dr. Keshava Joshi and Dr. Lokeshwari N	Studies on air quality assessment and source apportionment studies in Hubli-Dharwad City	42 nd KSCST-SPP, Bangalore	7000.00	NAMARATA, AISHWARYA LAKSHMI MANOJ	2018-19 Completed
14.	Prof. S.S. Inamdar	Morphological analysis and Biodiesel from Microalgae (MA &BM)	42 nd KSCST-SPP, Bangalore	7500.00	ABHISHEK N, LAXMAN A U AKASH M	2018-19 Completed
15.	Dr. Rashmi S. H and Dr. A.A.Kittur	Electrical and Gas Sensing Studies of Polymer Nanocomposites	42 nd KSCST-SPP, Bangalore	7000.00	SHRINIDHI P, AKSHATA NEREGAL FARHAT I K	2018-19 Completed
16.	Dr. Lokeshwari. N	Studies on denitrification using spouted bed draft tube reactor and scale up.	KSCST-SPP, Bangalore	5000.00	RAKSHITHA AMBRIN SOUYMA	2017-18 Completed
17.	Prof. Rashmi.S.H	Conducting polymer doped with metal oxide for sensing applications.	KSCST-SPP, Bangalore	7000.00	ANUSHA SHARYU ANUPMA	2017-18 Completed
18.	Dr.Shivanand Y.A	Preparation of Bio-bag using banana peel as alternative plastic bag	VTU-Belagavi	5000.00	Mentor	2017-18 Completed
19.	Dr.Sreekanth B	Synthesis, characterization of Iron nanoparticles and their application in removal of heavy metal	VTU-Belagavi	5000.00	Mentor	2017-18 Completed
20.	Dr.Lokeshwari. N	Isolation, identification and characterization of	KSCST-SPP, Bangalore	6000.00	ASHWINI, ANUSHA	2016-17 Completed

		nitrifying bacteria			SNEHA	
21.	Prof. Rashmi. S.H	Extraction of chitin from prawn shell, preparation of chitosan by biological method and applications.	KSCST-SPP, Bangalore	6500.00	MAHINDRA, BASAVARAJ, KRISHNA	2016-17 Completed
22.	Dr.Lokeshwari. N	Characterization and comparison of fly ash core and honeycomb core sandwiched composite material	KSCST-SPP Bangalore	5000.00	NASHAT S. BILAGI, SNEHA	2015-16 Completed