

Department of Chemical Engineering

SL. No.	Project No.	Title of The Project	Full Name of Funding Agency	Sanctioned Amount including Manpower (in Lakh)	Start Date of Project (in dd-mm-yyyy)	End Date of Project (in dd-mm-yyyy)	Name of PI
1	DST(TDT)(SHRI)(328)/2022-2023/891/CHEMICAL	Conservation of The Metallic Cultural Heritage Assets By Waterborne Superhydrophobic And Anti-Dust Coatings	DST-TDT, New Delhi	19.47	22.04.2022	21.04.2024	Prof. Aditya Kumar
2	DSIR/2022-2023/893/CHEMICAL	Low-Cost Bio-Coal Production And Its Potential Impact On Steel Industries	Department of Scientific & Industrial Research, New Delhi	4.50	05.01.2022	31.05.2022	Prof. Ejaz Ahmad
3	DST(SERB)(344)/2022-2023/938/CHEMICAL	Investigation of Slow Flows of Non-Spherical Granular Materials	DST-SERB, New Delhi	32.11	10.11.2022	10.10.2024	Prof. Sandip Mandal
4	DST(SERB)(348)/2022-2023/943/CHEMICAL	Explainable Deep Learning For Optimal Design And Robust Control of Coal Flotation Columns - Towards An Intelligent & Reliable Clean Coal Initiative	DST-SERB, New Delhi	30.84	11.01.2022	30.10.2024	Prof. Priyanka Devi Pantula
5	DST(SERB)(353)/2022-2023/950/CHEMICAL (NPDF)	Environmentally Benign MnO ₂ - Nanoflower Based Biopolymer-Nanocomposite For Packaging And Moisture/Gas Barrier Properties	DST-SERB, New Delhi	21.31	24.11.2022	23.11.2024	Mentor: Prof. Ejaz Ahmad
6	DST(SERB)(360)/2022-2023/963/CHEMICAL	Experimental Investigations For The Flow of Viscoelastic And Shear-Thinning Fluids Through Rigid And Deformable Tubes And Channels	DST-SERB, New Delhi	31.10	11.10.2022	11.09.2024	Prof. Bidhan Chandra
7	DST(SERB)(375)/2022-2023/980/CHEMICAL	High Temperature CO ₂ Capture using Novel Fly-ash infused CaO-MgO Sorbents in Pre & Post Combustion Processes: Kinetics, Thermodynamics and Breakthrough Studies	DST-SERB, New Delhi	35.15	18.01.2023	17.01.2026	Prof. Soubhik Kr. Bhaumik
8	TATA STEEL/2022-2023/990/CHEMICAL	Nitrogen Removal from Coal Tar	Tata Steel Ltd., Jamshedpur	19.99	10.01.2023	09.06.2024	Prof. Ejaz Ahmad