

Department of Chemistry & Chemical Biology							
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	IIT(ISM)/2023-2024/1001/INSTITUTE	Feasibility of bulk scale production of S/N-doped porous carbon and graphitic-C ₃ N ₄ based metal chalcogenides Anodes for sodium-ion battery	IIT(ISM), Dhanbad	6.00	12.04.2023	11.01.2025	Prof. Ganesh Chandra Nayak
2	DST(SERB)(386)/2023-2024/1005/CCB	Polysaccharide based copolymeric hydrogels for biomedical applications	SERB, New Delhi	26.22	09.05.2023	08.05.2026	Prof. Sagar Pal
3	CSIR(37)/2023-2024/1028/CCB	Organogermanium Supported Polynuclear Metal Complexes as Cooperatives Catalysts for Organic Reaction	CSIR, NewDelhi	9.00	15.07.2023	14.07.2026	Prof. Hari Pada Nayek
4	DST(TDT)(393)/2023-2024/1030/CCB	Creation of nodal centers for the production of imported APIs, KSMs and Intermediates to achieve self-sufficiency in health-care sector	DST (TDT), New Delhi	24.88	24.07.2023	23.07.2024	Prof. Parthasarathi Das
5	MoE(STARS)/2023-2024/1041/CCB	Development of Upconversion Nanoparticles Conjugated Carbon Dots as Amplified Singlet Oxygen Generator for Synergistic Photodynamic Therapy	Ministry of Education, New Delhi	32.05	26.09.2023	25.09.2026	Prof. Sumanta Kumar Sahu
6	DST(SERB)(405)/2023-2024/1064/CCB	Assessing the feasibility of using locked GFP chromophore derivatives in protein sensing, protein imaging as well as fluorogenic RNA-aptamer based imaging to design improved fluorophores	SERB, New Delhi	29.81	20.01.2024	19.01.2027	Prof. Soumit Chatterjee
7	TATA STEEL/2023-2024/1065/CCB	Effective utilization and life enhancement of tailing pond at West Bokaro	Tata Steel Limited, Jamshedpur	27.26	29.01.2024	28.04.2025	Prof. Sagar Pal
8	DST(SERB)(408)/2023-2024/1073/CCB	Synthesis of C-Aryl/Heteroaryl Glycosides via Photoredox-Catalyzed Homolysis of Glycosyl C-O Bonds: Application to the Synthesis of Neopetrosine Alkaloids A-D	SERB, New Delhi	52.59	15.02.2024	14.02.2027	Prof. Somnath Yadav
9	SERB(CRG)(416)/2023-2024/1085/CCB	Development of "Chloroform COware Chemistry" as Toolbox for Safe Carbonylative Transformations	SERB, New Delhi	45.91	04.03.2024	03.03.2027	Prof. Parthasarathi Das
10	SERB(SRG)(421)/2023-2024/1090/CCB	Live cell imaging of RNA aggregation in nucleotide repeat expansion disorders	SERB, New Delhi	29.54	11.03.2024	10.03.2026	Prof. Sourav Kumar Dey