

## Department of Physics

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(SERB)(357)/2022-2023/956/PHYSICS	Study of Strongly Coupled Non-Ideal Plasma States of Carbon At Extreme Conditions	DST-SERB, New Delhi	30.10	12.02.2022	12.01.2024	Prof. Amitava Adak
2	DST(SERB)(358)/2022-2023/957/PHYSICS	Investigations of Strongly Correlated Topological Phases In Heavy Fermion And Rare-Earth Materials	DST-SERB, New Delhi	25.68	12.08.2022	12.07.2024	Prof. Sudeshna Sen
3	DST(362)/2022-2023/965/PHYSICS	Monitoring the aggregation kinetics of amyloid-beta and its inhibition	DST, New Delhi	32.59	29.12.2022	28.12.2025	Mentor: Prof. Umakanta Tripathy
4	DST(SERB)(367)/2022-2023/971/PHYSICS	Topological characterisation and entanglement content of the Mott metal-insulator transition	DST-SERB, New Delhi	6.6	09.01.2023	08.01.2026	Prof. Sudeshna Sen
5	DST(SERB)(368)/2022-2023/972/PHYSICS	Single Crystal Growth and Study of Frustrated Magnetism in Triangular Lattice Cuprates Ba <sub>3</sub> Cu(Nb/Ta) <sub>2</sub> O <sub>9</sub>	DST-SERB, New Delhi	26.52	09.01.2023	08.01.2025	Prof. Tusharkanti Dey