

Ongoing Project

Sr. No.	Faculty	Project Title	Funding Agency	PI/Co-PI	Partner if Co-PI	Start Month & Year	Duration (Yrs)	Total Cost (in Lacs)	PDPU Share if Co-PI
1	Dr. Anirban Das	Tracking chromium (VI) migration in groundwater using stable isotopes of Chromium	DST	PI	None	Mar-17	3 years	38.6	
2	Dr. Anirban Das	Sulfuric acid mediated weathering in the Ganga and the Brahmaputra (GYB) River Basins: Constraints from Sulfur and oxygen isotopes in dissolved sulfate.	MoES	PI	None	Jul-19	3 years	41.1	
3	Dr. Balamurali Krishna Mayya K.	Design and Development of high resolution diagnostic for ADITYA-U and SST-1 Tokamak	BRNS	PI	None	2016-08-01	2+1	30	
4	Dr. Rohit Srivastava	Study of Heterogeneous precipitation patterns with the help of aerosol – cloud properties: Focus on western India and Arabian Sea	DST	PI	None	Aug-18	3	20.7	
5	Dr. Ranjan Pati	Nanostructured Electrolyte Materials for Low Temperature Solid Oxide Fuel Cell (LTSOFC)	DST-SERB	PI	None	Mar-19	3	30	
6	Dr. Ranjan Pati	Graphene Protected Si Nano-Spheres (interconnected) for Developing High Energy Density Li Ion Battery	MES-DST	Co-PI	Prof. Indrait Mukhoadhyay PDPU (PI)	May-18	2	44	
7	Dr. Manoj Pandey	A novel nanoparticle based bioassay for sensitive detection of cancer specific proteases	DST-SERB	Co-PI	Dr. Nidhi Gaur, IAR (PI)	Feb-17	3	65.4	25
8	Dr. Manoj Pandey	Water innovation Centre, Technology, Research and Education (WICTRE)	DST-SERB	Co-PI	Dr. Shobha Shukla, IITB (PI)	Dec-18	5	555	44
9	Dr. Manoj Pandey	Mechanochemical Approach for Perovskite Solar Cells: A way towards efficient, stable and low cost Solar cells	SERB CORE RESEARCH GRANT	Co-PI	Dr. Pankaj Yadav, PDPU (PI)	Mar-19	3	36	
10	Dr. Manoj Pandey	Mechanosynthesis of Stable and Efficient 2D Perovskite Solar Cells	DST, Nano Applications and Technology Advisory Group (NATAG)	Co-PI	Dr. Pankaj Yadav, PDPU (PI)	Mar-19	3	56	