

Center for Interdisciplinary Programs

List of provisionally selected candidates in the ID PhD for the Academic Year 2023

S.No.	Project	Application No.	Name
1	Project 1 - Revealing Quantum Supremacy in Communication Games	IDPHD230089	Mr. Partha Patra
2	Project 5 - In-Silico Identification of Clinically Relevant Biomarkers from Multi-Modal Biological & Clinical Data analysis for Diagnosis of Lower Respiratory Tract infections	IDPHD2300165	Mr. Nishant Kumar
3	Project 8 - Conductive Composite Hydrogels of Bioinspired Small Molecules and Conductive Polymers towards Cardiac Tissue Engineering	IDPHD230088	Ms. Aashwini Bhavsar Mahendra
4	Project 10 - Microfluidic Paper-Based Device for Rapid Colorimetric Detection of Urinary Copper for Diagnosis of Wilson's Disease	IDPHD2300136	Ms. Kavya T K Bodhi
5	Project 11 - Computational Identification, Experimental Validation, and Selective Chemical Engineering of Myxobacterial Lanthipeptides for Enhanced Pharmacological Properties	IDPHD2300108	Mr. Gyanesh Shukla
6	Project 12 - ProStudy of Biomolecular Docking Using Electronic Spectroscopy and Imaging Techniques	IDPHD230035	Mr. Arkaprabha Sen
7	Project 14 - Ultrasonics and Sensors for Medical Applications	IDPHD230022	Mr. Shaswata Chowdhury
8	Project 21 - Carbon Nanofibers Based Next-Generation High-Performance Potassium-Sulphur Batteries: Looking Beyond Lithium	IDPHD230084	Ms. Parnika P
9	Project 24 - Fluid Dynamics of Raindrops – Estimation of the Size Distribution of Raindrops At Different Altitudes Using an Existing State-of-The-Art Experimental Facility	IDPHD230048	Mr. Shubham Chakraborty

10	Project 26 - Development of Passive Microwave Components for Miniaturized RF Devices	IDPHD230050	Mr. Ayush Rastogi
11	Project 27 - Influence of Stacking Fault Energy on the Deformation Behaviour Under High Strain Rate and High Temperature.	IDPHD230040	Mr. Irshad Afzal
12	Project 28 - Theoretical, Computational and Experimental investigations of High-Performance Electromechanical Nano-Metamaterials	IDPHD2300107	Mr. Mousom Roy
13	Project 31 - Porous Organic Polymers for CO2 Capture	IDPHD230024	Mr. Girada Narendrakumar
14	Project 36 - Computational Modelling of Electron Transport Through Transition Metals-Based Chains and Clusters	IDPHD230099	Ms. Srijitha Chakraborty
15	Project 37 - Self-Assembly, Structure and Rheology of DNA Hydrogels	IDPHD2300134	Mr. Sumitro Dey