



## List of provisionally selected candidates in the ID PhD for the Academic Year 2025

S.No.	Project	Application No.	Name
1	IDPHD2025004 - Development of adhesive conductive supramolecular biomaterials leveraging peptide-self-assembly toward functional cardiac patches	75699	Ms. Gargi Bairagya
2	IDPHD2025013 - Synthesis of Novel Organic Relaxor Ferroelectric Polymers for Energy Storage	73830	Ms. PT Arpita Samal
3	IDPHD2025016 - Investigation on coal-biomass blends as reductant and fuel in rotary kiln DRI making towards CO2 mitigation	73787	Mr. Hridisaran Pande
4	IDPHD2025026 - Optimal transportation service network design considering shipper behaviour characteristics	77736	Mr. Lokesh Bucchingari
5	IDPHD2025031 - Computational Modelling of Molecular Magnets on Surfaces	76113	Ms. Pallavi Panja
6	IDPHD2025032 - Developing Atomistically Informed TCAD Modelling of Semiconductor Flash Memory Transistors	76763	Mr Mohammad Yawar Bhat
7	IDPHD2025033 - Fusion of machine learning and Bayesian inference for reliability-based design optimization of crashworthiness	72482	Mr Swarnava Bandyopadhyay
8	IDPHD2025036 - Advancing electrospinning technologies to produce polymeric nanofibers for high-performance applications	75173	Mr. Syed Twaha Irfan Ahmad