

**Research Initiation Grant (On-going)**

S.No	PSRN	PI Name	Department	Designation	Title	Start Date	End Date	Amount	Remarks
1	H771	Dr Debirupa Mitra	Chemical Engineering	Assistant Professor	Copper-containing Coatings for Antimicrobial Application	15.05.2021	14.05.2023	200000	Extended till 14.08.2023
2	H0750	Dr Apurba Das	CSIS	Assistant Professor	Parallrl Algorithm for Dense Subgraph Discovery	14.07.2021	13.07.2023	200000	
3	H0794	Dr Arijit Mukherkee	Chemistry	Assistant Professor	Cocrystallization behavior of structurally similar molecules: Isomorphism and selectivity	19.07.2021	18.07.2023	200000	
4	H0790	Dr Ramendra Kishor Pal	Chemical Engineering	Assistant Professor	Silk based Bioelectronics for Health Monitoring, Modulation and Therapeutics	14.07.2021	13.07.2023	200000	
5	H0797	Dr Rabindra Mohanty	EEE	Assistant Professor	Communication Assisted Protection of Converter Dominated Microgrids Resilient to Cyber Intrusion	03.09.2021	02.09.2023	200000	
6	H0759	Dr Nikumani Choudhury	CSIS	Assistant Professor	Development of a complete DSME-MAC framework for IEEE 802.15.4 based IoT networks	02.02.2022	01.02.2024	200000	
7	H0770	Dr Raghunath Reddy M	CSIS	Assistant Professor	Approximability and Hardness of Red-Blue Variations of Geometric covering and Packing Problems	02.02.2022	01.02.2024	200000	
8	H0820	Dr Abhijeet Rajendra Joshi	Pharmacy	Assistant Professor	Calpain mediated disruption of axon-glia interaction in peripheral	02.02.2022	01.02.2024	200000	
9	H0828	Dr Sayan Das	Mechanical Engineering	Assistant Professor	Spontaneous motion of active particles in complex fluids	11.03.2022	10.03.2024	200000	
10	H0824	Dr Mudit Dixit	Chemistry	Assistant Professor	Designing Improved Electrocatalysts through Electronic Structure Engineering and Electrochemical Tuning	16.04.2022	15.04.2024	200000	
11	H0827	Dr Aritra Mukherjee	CSIS	Assistant Professor	Multimodal learning for general purpose robotic head	19.04.2022	18.04.2024	197950	
12	H0831	Dr Abhijit Das	CSIS	Assistant Professor	MSsLBA: Multimodal Self-supervised Learning for Behavior Analysis	26.04.2022	25.04.2024	200000	
13	H0838	Dr Jayabrata Dhar	Mechanical Engineering	Assistant Professor	Non-linear Mixing and Reaction in miscible viscous instabilities through dispersive porous medium	26.04.2022	25.04.2024	200000	
14	H0836	Dr Satya Narayan Guin	Chemistry	Assistant Professor	Design of topological materials for thermoelectric energy conversion	02.05.2022	01.05.2024	200000	
15	H0826	Dr Pragati Shrivastava	CSIS	Assistant Professor	Integration of Programmable networking and AI/ML to enhance next-generation networks	21.06.2022	20.06.2024	200000	
16	H0753	Dr Gopal Krishna Kamath	EEE	Assistant Professor	Control and Security of Cyber-Physical Systems	26.07.2022	25.07.2024	200000	
17	H0843	Dr Punnap Chatterjee	Mechanical Engineering	Assistant Professor	Investigation of hydrodynamic propulsive thrust generated by a smart biomimetic structure	30.08.2022	29.08.2024	200000	

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18	H0848	Dr G M Karthik	Mechanical Engineering	Assistant Professor	Heterostructured interstitial-high entropy alloy (I-HEA) with strength-ductility synergy	16.09.2022	15.09.2024	200000	
19	H0823	Dr Sameera Muhammed Salam	CSIS	Assistant Professor	Community Detection in Social Networks	10.10.2022	09.10.2024	200000	
20	H0773	Dr Spandan Bhattacharya	Humanities and Social Sciences	Assistant Professor	Cinema on Paper : Transnational Encounters with the 'Cinematic-Modern' in Early Twentieth Century Bengali Print Culture	15.11.2022	14.11.2024	200000	
21	H0817	Prof Vivekananda Mukherjee	Economics and Finance	Assistant Professor	A study of Ranking of Higher Education Institutes in India	11.11.2022	10.11.2024	200000	
22	H0853	Dr Sushil Bhunia	Mathematics	Assistant Professor	Conjugacy classes of centralizers in algebraic groups	02.12.2022	01.12.2024	200000	
23	H1394	Dr Joyjit Mukherjee	EEE	Assistant Professor	Design and Development of Flexible Planar Snake Robot	20.01.2023	19.01.2025	200000	
24	H0052	Dr Jayaprakash K S	Mechanical Engineering	Assistant Professor	Ultra-high throughput synthesis of monodispersed, soft, micro-beads for capture and purification of nucleic acids and proteins	09.02.2023	08.02.2025	200000	
25	H0884	Dr Subhadeep Roy	Physics	Assistant Professor	Beyond Griffith: fracturing a heterogeneous material, intrinsic crack resistance, and resulting avalanches	25.03.2023	24.03.2025	200000	
26	H0900	Dr Anirudha Udupa	Mechanical Engineering	Assistant Professor	Development of a macroscale surface-stress sensor	29.04.2023	28.04.2025	200000	
27	H0891	Dr Yuvraj Singh	Pharmacy	Assistant Professor	Development of a safer paclitaxel injection	09.05.2023	08.05.2025	200000	
28	H0899	Dr Ammavajjala Sesha Sai Raghuram	Civil Engineering	Assistant Professor	Modelling the Influence of Climate Change on the Stability of Soil Slopes	19.05.2023	18.05.2025	200000	
29	H0904	Dr Sourav Bag	Chemistry	Assistant Professor	Development of durable, long cycle life Zn anode for high-performance Zn-MnO <sub>2</sub> battery	26.05.2023	25.05.2025	200000	
30	H0902	Dr G R Abhijith	Civil Engineering	Assistant Professor	Examining the de-facto water quality status of intermittent water supply systems	30.05.2023	29.05.2025	200000	