



## Seed Fund Project Sanctioned During 2022-23 Academic Year :

Name of the Faculty Investigator(s)	Title of the Project	Year	Amount of Seed Fund
Dr.Arindam Mitra	A plant-based, eco-friendly, cost effective stain for live cell imaging	2022-23	200000
Dr. Piyali Das	Fabrication of Inexpensive Functionalized Acellular Avian Feet Collagen Derived Electrospun Nanofibrous Mats for Wound Healing Applications	2022-23	175000
Dr. Pranav Kumar	Development of a smartphone – based detection strategy for noninvasive detection of anemia	2022-23	200000
Dr. Srijoni Banerjee	Performance Study on the Application of Microorganisms as a Self- Healing Agent in Rigid Pavement	2022-23	200000
Dr. Suman Bhandry	In <i>situ</i> grown carbon dot embedded hydroxyapatite nanocomposite for the detection of Cr (VI) in tannery wastewater	2022-23	1,50,000
Dr. Nav Kumar Mahato	Development and implementation of monitoring and spraying pesticide in crops using Agriculture through Drone	2022-23	100000
Dr. Tanima Banerjee	The Role of Self- Help Groups in Post Covid- 19 Recovery of the Informal Economy: Opportunities and Challenges – A Case Study of West Bengal	2022-23	100000
Dr. Soma Ghosh	Investigation on Rhizosperic bacterial diversity of paddy plants and designing of a potential bacterial consortium involved in arsenic sequestration in paddy fields of as contaminated sites	2022-23	175000
Dr. Asim Halder	Gallic acid engineered fluorescence gold nanoclusters against triple negative breast cancer	2022-23	200000
Dr. Joyjyoti Das	Development of a low- cost portable wax printed paper-based microfluidic sensor for detection of milk adulterants	2022-23	1,50,000



Dr. Prasun Dutta	Development of three- dimensional numerical models to investigate the enhancement of heat transfer due to annular jet impingment on moving surface	2022-23	200000
Dr. Tanmoy Kumar Dey	Extraction and Purification of lutein esters from marigold petals and assessing its role in growth kinetics of gut bacteria	2022-23	200000
Dr. Arindam Kundu	A Novel Machine Learning Algorithm Based on Support Vector Regression for Option Implied- Risk Neutral Density	2022-23	175000
Dr. Sudip jana	Investigation of Underwater Sound Propagation and Surface Sound Duct in the Bay of Bengal	2022-23	175000
Dr. Amabalika Guha	Developing Metacognitive Awareness, Critical Thinking Ability, and Prediction System through ICT based Language Learning Application: A Case Study of Dormant English as Second Language Learners	2022-23	200000
Dr. Sajal Saha	Development of a High-Resolution Brain Generated Event Related Potential Recorder (BRAIN CAP)	2022-23	50,000

19<sup>TH</sup> JANUARY, 2024, Kolkata

**Date & Place**

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*Dean (Research & Development)*