



Seed Fund Project Sanctioned During 2020-21 Academic Year :

Dr. Kasturi Mukherjee	Sustainable Planning for managing Health in the Changing Urban Environment _ A case Study of Kolkata Metropolitan Development Authority (KMDA), West Bengal , India	2020-21	30000
Dr. Indrani Ghosh	Evaluating the potential of algae collected from East Kolkata Wetland for biofuel production and wastewater treatment.	2020-21	95000
Dr. Manoj K Singh	3D printed Micro Waste- Composter for Smart Home Gardening	2020-21	70000
Dr. Moumita Dey	Periodically Driven Quantum Systems: Open Challenges and Future Possibilities!	2020-21	75000
Dr. Anwesha Barik	Development of nature-inspired hydrogel based formulation for cutaneous wound healing	2020-21	30000
Dr. Prantik Banerjee	Environmental monitoring of airborne heavy metals in PM10 sampled from air, from roadside dust and leaves of the avenue trees from Barasat area	2020-21	40000
Dr. Anu Rai	Restoration to Revitalization : Modelling Post-COVID Medical Tourism Economy of Kolkata	2020-21	80000
Dr. Swarup K Neogi	Evaluation of competing magnetic phase as a function of Substitution in Intermetallic Heusler Compounds : $Mn_{3-x}Y_xZ$ ($Y=Co/Fe$ & $Z = Si/Al$)	2020-21	90000
Dr. Arindam Maity	In Silico Analysis of Some Ruthenium Complexes as potential Anti- Cancer Agents	2020-21	85000
Dr. Srijan Haldar	Investigating antiallergic potential of Cow-dung from Indian indigenous cow : A multiomics approach for novel formulation	2020-21	70000



Dr. Rajib Majumder	Green synthesized nanoparticles as potent antimicrobial agents: The paradigm shift towards the use of nanoparticles in drug discovery	2020-21	80000
Dr. Subhendu Bandyopadhyay	Identification and cloning of desiccation tolerant genes in <i>Selaginella bryopteris</i>	2020-21	30000
Dr. Joydeep Paul	Analysis of the phytoconstituents of an economically important extremely endangered tree <i>Pterocarpus angolensis</i> and exploration of their antimicrobial & anti-cancer efficacy	2020-21	85000
Dr. Sanmita Ghosh	Investigating the role of tumor-associated macrophage activities in the tumor microenvironment in progression of breast cancer	2020-21	55000
Dr. Anup Mazumder	Deciphering the role of epigenetic modification in anti-viral immune response to develop novel drug target	2020-21	30000
Dr. Moumita Gangopadhyay	Artificial intelligence coupled with Low-Cost smell sensor development with targeted metabolomics based interdisciplinary approach for superior quality root development of aeroponically grown <i>Hemidesmus Indicus</i>	2020-21	85000
Dr. Boudhayan Bandyopadhyay	Application of solid solutions of perovskite oxide nanoparticles as alternative to antibiotics	2020-21	30000
Dr. T. Senthil Vadivel	Effect of Temperature Stress in the Strength Properties of Rubberized Concrete	2020-21	50000
Dr. Papiya Dhara	Design of novel optical fibre sensors for health and environmental monitoring	2020-21	100000
Dr. Sumona Datta	Developing and Validating the Psychological Job Readiness Questionnaire	2020-21	45000
Rupanwita Das Mahapatra (Student project)	Smart LPG Gas Leakage Detector Using IOT	2020-21	10000
Dr. Rajib Sarkar	Urban Landscape	2020-21	40000
Dr. Nilanjan Ray	Cultural Tourism in West Bengal	2020-21	40000



Prof. Dr. Somendra Nath Roy	Treatment of Grey Water using Ceramic Membrane Technology	2020-21	70000
Dr. Bimal K Sarkar	Study of structure and mechanical properties of high temperature transition metal mediated zirconium-aluminium alloys	2020-21	70000
Dr. Rupam Sen	Molecular conversion by using porous coordination polymers (PCPs) as heterogeneous catalyst	2020-21	55000
Dr. Saikat Chatterjee	Synthesis and characterization of drug-loaded filament towards 3D printing of solid drug dosage forms	2020-21	70000
Dr. Bitasta Mandal	Antiurolithic efficacy of extract based fractions of Hygrophila spinosa T. Anderson	2020-21	60000
Subhasis Chakrabarty	Development Of A Novel Non-Invasive Method For Monitoring Of Blood Glucose	2020-21	50000
Dr. Yadu Nandan Dey	Toxicity And Pharmacological Evaluation Of Ougenia Oojeinensis (Roxb) Wood On Experimentally-Induced Obesity Of Zebrafish (Daneio Rario)	2020-21	40000
Dr. Tanmoy Guria	An Efficient Microwave Irradiated Synthesis And Antimicrobial Screening Of Newer Pyrimidine Derivatives	2020-21	40000
Dr. Kuldeep Kumar Roy	Set Up Of Insectary Facility For The Design And Optimization Of Herbal-Based Cocktail As Mosquito Repellent	2020-21	50000
Dr. Abhishek Roy	Low Cost Iot Driven Smart Agro-Drone For Early Detection Of Late Blight Disease Of Potato	2020-21	70000
Dr. Ranjan Kumar	Design And Fabrication Of Electronic Waste (E-Waste) Shredding Machine To Channelize The E-Waste As Construction Material	2020-21	55000
Dr. Manoj Kumar Singh (Faculty Mentor)	Uv Enabled Sanitazation In Hospital Toilet	2020-21	10000



Dr. Arpita Das (Faculty Mentor)	Water Treatment Sachet	2020-21	15000
Dr. Arpita Das (Faculty Mentor)	Skin Moisturizer	2020-21	7500
Dr. Sudip Chakraborty	Smart Rainwater Management System For Adamas University Canteen	2020-21	30000

10TH JANUARY, 2021, Kolkata

Date & Place

Prof. (Dr.) Moumita Mukherjee
Dean (Research & Development)