University Sponsored Minor Grant Phase-3
The Neotia University

Sl. No	Title of Proposed Project	Name of the Principal Investigator (PI) (Department)	Name of the Co-principal Investigator (Co-PI) (Department)	File No.	Amount Approved (In Rs.)	Start Date	Closure Date	Project Status
1.	Seasonal investigation on changing biological and antimicrobial resistance patterns in Indian major carps in Diamond Harbour districts	Dr. Avishek Bardhan (Aquatic Animal Health Management)	Dr. Ujjwala Upreti (Aquaculture)	TNU/R&D/M/01	45,000/-	February 16, 2023	February 17, 2024	Completed
2.	Isolation and characterization of soil microbiota with special reference to genes, responsible for biocontrol activity against insect pests and soil borne plant pathogens in South-24 Parganas	Dr. Koushik Sen (Agricultural Entomology)	Dr. Arghya Banerjee (Plant Pathology) & Dr. Poulomi Chakraborty (Biotechnology)	TNU/R&D/M/02	60,000/-	February 16, 2023	February 17, 2024	Completed
3.	Development of Anti-oxidant mediated Immunity Boosting Syrup from Bauhinia blakeana (Fabaceae) plant extract	Dr. Arghya Kusum Dhar (Pharmacy)	Mr. Pratyush Maity (Pharmacy), Prof. S. C Dinda (Pharmacy), Mr. Soham Mandal (Pharmacy), & Dr. Riman Saha Chowdhury (Horticulture and Food Science)	TNU/R&D/M/04	47,000/-	February 16, 2023	February 17, 2024	Completed

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4.	Design and development of autonomous robot for crop growth monitoring under diverse conditions	Dr. Sarita Pandey (Genetics and Plant Breeding)	Md. Kamaruzzaman (Robotics and automation)	TNU/R&D/M/07	60,000/-	February 16, 2023	February 17, 2024	Completed
5.	Design and development of bench scale photobioreactor for single chamber wastewater treatment using mixotrophic oleaginous microalgae	Dr. Anirban Das Gupta (Biotechnology)	Dr. Chandra Mukherjee (Chemistry)	TNU/R&D/M/08	60,000/-	March 13, 2023	March 14, 2024	Completed
6.	Artificial and Computational Block chain based Transformation Model for Smart Agriculture Ecosystem	Prof. (Dr.) Partha Mukherjee (Computer Science and Engineering)	Dr. Prabin Jha (Robotics and automation)	TNU/R&D/M/09	60,000/-	March 13, 2023	March 14, 2024	Completed
7.	Role of polymyxin B on antibiotic sensitivity of rhizosphere bacterial isolates	Dr. Diwakar Kumar Singh (Biotechnology)	Dr. Monisankar Bera (Soil Science and Agricultural Chemistry)	TNU/R&D/M/10	60,000/-	March 13, 2023	March 14, 2024	Completed
8.	A combinatorial therapy to strategically kill multi drug resistant bacteria	Dr. Payel Paul (Biotechnology)	Dr. Subhasish Mondal (Pharmacy)	TNU/R&D/M/11	60,000/-	March 13, 2023	March 14, 2024	Completed
9.	Isolation of PHA (bioplastic) producing halophilic bacteria from suitable soil sample (Sundarbans area): a promising cell factory for bioplastic	Dr. Ranojit Kumar Sarker (Biotechnology)	Dr. Chandra Mukherjee (Chemistry)	TNU/R&D/M/12	60,000/-	March 13, 2023	March 14, 2024	Completed

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	production							
10.	Evaluation of harvesting and detachment efficiency of nanocrystalline metal ferrites to harvest microalgal biomass	Dr. Chandra Mukherjee (Chemistry)	Dr. Anirban Das Gupta (Biotechnology)	TNU/R&D/M/13	40,000/-	March 13, 2023	March 14, 2024	Completed
11.	Designing of an Artificial Intelligence based Depression Detection system	Dr. Usha Rani Gogoi (Computer Science and Engineering)	Smt. Debasmita Basu (Applied Psychology)	TNU/R&D/M/14	40,000/-	March 13, 2023	March 14, 2024	Completed
12.	Salt water Intrusion and Contaminant Transport in the Coastal Aquifers using Mathematical and Machine Learning Models	Dr. Ayan Chatterjee (Mathematics)	Dr. Abhijit Samanta (Chemistry) & Dr. Usha Rani Gogoi (Computer Science and Engineering)	TNU/R&D/M/15	30,000/-	March 13, 2023	March 14, 2024	Completed
13	Effect of arsenic toxicity on Labeo rohita fingerlings in diamond harbour belt	Dr. Suman Karmakar (Aquatic Environment management, Fisheries)	Dr. Neeraj Pathak (Fish Processing Technology)	TNU/R&D/M/06	59,000/-	February 16, 2023	February 17, 2024	Completed

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