

IIC JU Seed Fund Support

Financial assistance every year to Innovation, start-ups for proof of concept, prototype development, product trials, market entry, and commercialization

SEED SUPPORT GRANT OFFERED IN FINANCIAL YEAR 2022-23		
Sl. No	Student Team Leader Name & Mentor	Project Details
1	Anand Swaroop Gupta & Team /Dr.Tapan giri	Development of a Cost effective device to remove pus from diabetic foot ulcers
2	Bhaswar Nandi/Prof.Biswadip Das	Construction of Yeast Biosensor capable of detection of trace quantity
3	Ishita Saha/Prof.Parimal Karmakar	Fabrication process of poly herbal extract encapsulated mucilage.....
4	Pallobi Dutta & Team /Dr.Tapan giri	Development of Herbal Keratolytic Bandage of Healing of cracked heels
5	Saumendra Nath Mishra & Team /Prof.Achinta Mukhopadhyay	Online Battery Health Monitoring system for EV
6	Sayantanu Mandal/Prof Kajari Kargupta	Solar Based Green Hydrogen Generator
7	Sounak Banerjee & Team /Prof. Sarbani Roy	AN IoT Cloud System for Context aware sensing
8	Sourav Dey & Team /Dr.Tapan giri	Development of Instant Milk Tea Tablet
9	Himopravo Chowdhury & Team /Prof.Sayan Chatterjee	Design & Development of a Human Body Identifying Drone
10	Swarnava Rakshit & Team /Dr,Pranibesh Mandal	Portable Operation Theater

SEED GRANT SUPPORT OFFERED IN FINANCIAL YEAR 2023-24

Sl. No	Student Team Leader Name & Mentor	Project Details
1	Prasenjit Kapash/Prof.Asish Paul	Effect of Yogic Intervention on Ankylosing Spondylitis
2	Monoshwi Bandyopadhyay & Team /Dr.Dipesh Majumder	Ultra High Performance Concrete a greener alternative to Modern concrete
3	Prahar Sarkar & Team /Prof. Swarnendu Sen & Dr. Pranibesh Mandal	Solar Powered portable refrigerator unit
4	Pritam Mitra & Team /Dr.Sourav Sarkar	Enhancing Solar Panel Efficiency with Autonomous Cooling & Cleaning system
5	Sayan Tripathi & Team /Prof. Jaydeb Bhounik	AI & IoT based Smart & Intelligent Remote Health Monitoring System
6	Gouri Sankar Patra / Prof. Soumya Sarkar	Low Cost EDM Machine
7	Srishti Mridha / Dr. Abial Tamang & Dr. Brajadulal Chattopadhyay	Piezoelectric Quantum Dot Band
8	Saifuddin SK & Team / Prof. Sheli Sinha Choudhuri	IoT Based Water Health Monitoring system

SEED GRANT SUPPORT OFFERED IN FINANCIAL YEAR 2024-25		
Sl. No	Student Team Leader Name & Mentor	Project Details
1	Adrija Mukherjee & Team / Prof. Sarbani Roy	An AI-powered Drone based System for Identifying for Building Exterior Defects
2	Snehaneel Maitra & Team / Dr.Manash Bhowmik	Designing an Instant ORS Bottle
3	Debjit Ghosh & Team / Dr.Sanjib Kumar Saren	3D Object Photo Copy Machine Fabrication of Low-Cost 3D Printer for Fostering Additive Manufacturing Technology for householder's
4	Priyabrata Maity & Team/ Prof. Joydeep Chowdhury	Design Of Sers Active Substrates As Lab On Chips In Langmuir-Blodgett Films For Rapid Detection Of Adulterant Melamine At Trace Concentration In Milk And Dairy Products
5	Suparna Ghosh & Team /Prof.Pallab Kanti Halder	Development of herbal ointment for the management of wound
6	Arnab Kundu / Prof. Biswadip Das	Construction of an engineered yeast strain capable of remediate arsenate and arsenate from contaminated ground water
7	Tushti Thakur & Team / Prof. Chandreyee Chowdhury	A Fault-Tolerant Autonomous Mini-Rover System for Agricultural Surveillance, Localization and Drought Prediction using SLAM
8	Deepayan Mandal / Dr. Pranibesh Mandal (JU 1968 ME Alumni Donation)	Benchtop 3D Printer's filaments Recycler

SEED SUPPORT GRANT OFFERED IN FINANCIAL YEAR 2025-26		
Sl. No	Student Team Leader Name & Mentor	Project Details
1	Kushaj Mallick & Team / Prof. Nirmay Modak	NIROGYA – Non-invasive Integrated Reflectance Optics for Guided Yield of Anaemia
2	Chandra Prakash Yadav & Team / Dr.Pranibesh Mandal	Efficient Rice Sowing Machine with Enhanced Four-Bar Mechanism for Precision Seed Placement
3	Sounak Bose & Team/ Dr. Prolay Sharma	Quality Estimation of Indian Saffron using Gas Sensor and Image Processing with IoT Integration
4	Sayan Kumar Bag & Team / Dr.Arunabha Thakur	Naphthalenediimide with Diarylethene-Based Photoswitching Materials: Applications in Controlled Singlet Oxygen Generation for Photodynamic Therapy
5	Mousom Roy / Prof. Kalyan Kumar Chattopadhyay & Dr. Sudeshna Saha	Development of a Low-Cost, High-Precision 3-Omega Thermal Conductivity Measurement System for Advanced Material Characterization
6	Sayantan Ghosh & Team/ Prof. Achintya Mukhopadhyay	Zero Emission Sub-Ambient Radiative Cooling for the Automobile Industry
7	Rishob Mondal & Team / Dr. Shilpi Naskar	Eco-Friendly and Cost-Effective Conductive ChitoInk & ChitoCoat Manufacturing
8	Ayush Keshari & Team / Dr.Arpitam Chatterjee & Dr. Shilpi Naskar	PrintMate
9	Arkabrata das & Team / Prof. Achintya Mukhopadhyay & Dr.Sourav Sarkar (JU 1968 ME Alumni Donation)	Advanced Scalp Cooling Helmet using PCM for Cancer Patients
10	Moni Mahan nandi & Team /Dr. Suman Kalyan Das & Dr. Pranibesh Mandal (JU 1968 ME Alumni Donation)	Innovative Drainage Blockage Removal Mechanism (₹8000 for this project)
11	Shreyan Mukherjee & Team /Prof. Soumya Sarkar & Prof. Rajib Bandyopadhyay (JU 1984 ETCE Alumni Shri Sudip Mukhopadhyay)	Laser Printed Raised Surface Project for Blind People