




REGENT EDUCATION & RESEARCH FOUNDATION GROUP OF INSTITUTIONS

3.1.1 Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)

Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/non- Government)
Establishment of Robotics Laboratory	Mr. Avik Ghosh Dostidar	Basic Science and Humanities	2022-2023	290000	NA	RERF	Non-Government
Rainwater Harvesting	Dr. Kaushik Dutta Roy, Yuvaraj Mondal, Payel Chakraborty, Chinmay Majumder	CE	2022-2023	340000	6 months	RERF	Non-Government
Short-term research or professional development component at Institute national de la recherche scientifique (INRS)-EMT in Montreal, Canada.	Dr. Chiranjib Chakrabarti	Basic Science and Humanities	2022-2023	50000	6 months	RERF	Non-Government
A system of synthesizing Se50- xTe30Sn20Sbx chalcogenide glass	Dr. Dipankar Biswas	ECE	2022-2023	10000	6 months	RERF	Non-Government
Glass composition (Ag2O-MoO3- P2O5) to determine the effects of silver sulfide on electrical conductivity and dielectric relaxation	Dr. Dipankar Biswas, Dr. Rahul Kanti Nath, Dr. Pabitra Maji, Debtanu Patra, Mr. Sabyasachi Mukherjee, Mr. Puspendu Chandra Chandra, Mr. Arpan Mandal	ECE	2022-2023	10000	6 months	RERF	Non-Government
ROAD SAFETY INDICATOR DEVICE	Mr. Sabyasachi Mukherjee	ME	2022-2023	10000	6 months	RERF	Non-Government
AUTOMATIC SOLAR STREET LIGHT	Mr. BIDYUT KUMAR GHOSH, Akash Das, Sourav Biswas, Arka Banik	EE	2021-2022	5300	3 months	RERF	Non-Government
TRAFFIC BLINKER LIGHT by SOLAR SYSTEM	DR. SUMAN KUMAR DEY, Sayan Saha	EEE	2021-2022	7900	3 months	RERF	Non-Government
HYBRID CROW-SEARCH ALGORITHM WITH PARTICLE SWARM OPTIMIZATION IN LOAD FREQUENCY CONTROL (LFC).	Dr. Arindita Saha	EE	2021-2022	10000	NA	RERF	Non-Government
HYDRAULIC BRIDGE	Mr. JAYDEEP CHOWDHURY, Ritobrata Das	CE	2019-2020	2000	2 Months	RERF	Non-Government

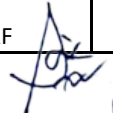

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EARTHQUAKE RESISTANT BUILDING	Mr. KADUNATH MURMU, Rahul Singha	CE	2019-2020	2500	2 Months	RERF	Non-Government
RAIN WATER HARVESTING	Mr. YUVARAJ MONDAL, Rishav Mondal	CE	2019-2020	2800	2 Months	RERF	Non-Government
UNDER WATER HIGHWAY TUNNEL	Mr. SHOUVIK SARKAR, Rahul Agarwal	CE	2019-2020	2400	2 Months	RERF	Non-Government
WATER TREATMENT PLANT	Mr. SATABDI SAHA, Raja Biswas	CE	2019-2020	2300	2 Months	RERF	Non-Government
Unmanned Mini Submarine	Mr. Sabyasachi Mukherjee, Saptarshi Das	ME	2019-2020	3500	2 months	RERF	Non-Government
Economic Coffee Vending Machine	Mr. Aninda Das, Md Nadim	ME	2019-2020	1500	1 months	RERF	Non-Government
Mini Vacuum Cleaner from Recycle Materials	Mr. Aninda Das, RESHMI SARKAR	ME	2019-2020	1000	1 months	RERF	Non-Government
Bio fuel from Plastic Waste	Mr. Puspendu Chandra Chandra, MOHIT PARAMANICK	ME	2019-2020	2000	2 months	RERF	Non-Government
Mobile Controlled Car	Mr. Debjit Das	CSE	2019-2020	3000	1 Month	RERF	Non-Government
Auto-Obstructive Sensitive 4 Wheeler	Mr. Kaustav Sarkar	CSE	2019-2020	3000	1 Month	RERF	Non-Government
Face & Emotion Detection	Mr. Debjit Das	CSE	2019-2020	3000	1 Month	RERF	Non-Government
Trishul	Mr. Milan Mazumdar, Rupankar Paul	ECE	2019-2020	1500	2 Months	RERF	Non-Government
Brain wave control Home Appliance	Mr. Milan Mazumdar, Surajit Rabi Das	ECE	2019-2020	2500	2 Months	RERF	Non-Government
ECO FRIDGE	Mr. , SAYAN CHOWDHURY	EE	2019-2020	4500	2 Months	RERF	Non-Government
OBSTRUCTION DETECTOR	Ms. Rajalakshmi Chandrasekhar, DIPSA MONDAL	EE	2019-2020	3000	2 Months	RERF	Non-Government
TRAIN REPULSION WITH MAGNETIC ENERGY	Mr. Mrinmoy Das, NELOY KANTI SAHA	EE	2019-2020	2000	2 Months	RERF	Non-Government
SMART DUSTBIN	Mr. Prabal Kumar Basak , SUMON SARKAR	EEE	2019-2020	1500	2 Months	RERF	Non-Government
RADAR SYSTEM	Mr. Suman Kumar Dey, ARPAN GHOSH	EEE	2019-2020	1000	2 Months	RERF	Non-Government



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TESLA COIL	Mr. Sanjib Pal, SUBHANKAR SAMANTA	EEE	2019-2020	2000	2 Months	RERF	Non-Government
Water Treatment Plant	SATABDI SAHA, Vishal Dev	CE	2018-2019	2200	2 Months	RERF	Non-Government
Hydraulic Traffic Reduce System	RIKU BISWAS, Poulami Paul	CE	2018-2019	2100	2 Months	RERF	Non-Government
Suspension Bridge with Hydraulic Support	LABANI NANDI, Faisal Hashmi	CE	2018-2019	2400	2 Months	RERF	Non-Government
Rotating Bridge	LABANI NANDI, Subhram Mondal	CE	2018-2019	2600	2 Months	RERF	Non-Government
4 Lane Traffic Road With Rotary	SUBHADEEP MONDAL, Anupam Biswas	CE	2018-2019	2700	2 Months	RERF	Non-Government
Automatic Coin Counting Machine	Sabyasachi Mukherjee, INDRANIL BHOWMICK	ME	2018-2019	1000	1 months	RERF	Non-Government
Unmanned Multi Purpose Surface Vehicle	Puspendu Chandra Chandra, AVISHEK ROY	ME	2018-2019	4000	3 Months	RERF	Non-Government
Home Made Mini Washing Machine	Krishnendu Mondal, Shouvik Bose	ME	2018-2019	1500	1 months	RERF	Non-Government
Gaming Application	Amartya Ghosh	CSE	2018-2019	3000	1 Month	RERF	Non-Government
Robotic Hand	Debjit Das	CSE	2018-2019	3000	1 Month	RERF	Non-Government
Robotic Car with Edge Detection	Kaustav Sarkar	CSE	2018-2019	3000	1 Month	RERF	Non-Government
Smart Dustbean	Atanu Das	CSE	2018-2019	3000	1 Month	RERF	Non-Government
IOT Base Home Security System	Mr. Milan Mazumdar, Sourav Laha	ECE	2018-2019	10000	2 Months	RERF	Non-Government
ICT for Disable person	Mr. Milan Mazumdar, Surajit Rabi Das	ECE	2018-2019	1500	2 Months	RERF	Non-Government
Event Counter	Mr. Milan Mazumdar	ECE	2018-2019	1000	1 Months	RERF	Non-Government
Wireless sound system with LiFi Technology	Mr. Prabal Kumar Basak, Himadri Mridha	EE	2018-2019	2500	2 Months	RERF	Non-Government
Automatic dual axis Solar tracker using Arduino	Mr. Rajorshi Bandyopadhyay, Dip Halder	EE	2018-2019	3500	2 Months	RERF	Non-Government
Bowling Machine	Mr. Bidyut Kumar Ghosh, Somnath Khan	EE	2018-2019	3000	2 Months	RERF	Non-Government



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LDR circuit with lamp	Ms. Ashmita Guha Chowdhury, Subhomay Khoso	EEE	2018-2019	2000	2 Months	RERF	Non-Government
Bipedel Robot	Mr. Sandeep Chakraborty, Avinaba Banerjee	EEE	2018-2019	3000	2 Months	RERF	Non-Government
Characterization and modelling of Genetic Diode	Sudip Chatterjee	Basic Science and Humanities	2018-2019	NA	2 years	DST	Government
Characterization and synthesis of bio nano particles in varied magnetic field	Sudip Chatterjee & Tathaghata Chowdhury	Basic Science and Humanities	2018-2019	NA	2 years	SERB	Government


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