

3.1.1 Grants received from Government and non-governmental agencies for research projects, endowments (

3.1.3 Percentage of departments having Research projects funded by government and non government agencies during the las

Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/ Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned (INR)	Duration of the project ( In months)	Name of the Funding Agency	Type (Government/non-Government)
Broom Making ma	Dr V Sampath Kumar	Electronics and Instrumentation Engineering	2019	100000	12	Unnat Bahrat Abhiayn	Government

Bamboo structured solar tunnel dryer with biomass backup heater for Eruvessi panchayat in Kannur, Kerala	Dr. V Sampath Kumar / Dr. Shika S Theres Charly	Electronics and Instrumentation Engineering	2019	100000	6	Unnat Bharat Abhiyan	Government
Seed bot	Mr.Jithin Mon	Mechanical Engineering	2018	15000	12	INNOVATE-KSCSTE	Government
Off-Sunshine and Night Cooking Solar Cooker with Latent Heat Storage System	Mr.Lince Thomas	Mechanical Engineering	2018	50000	12	APJAKTU - CERD - Research Seed Money Scheme	Government
Assistive wearables for disabled people using dopler radar.	Ms. Jerin Yomas	Electronics and Communication Engineering	2018	18640	12	APJAKTU - CERD - Research Seed Money Scheme	Government

Power generation in highway	Riya Joy	Civil Engineering	2018	41,000	12	APJAKTU - CERD - Research Seed Money Scheme	Government
Pepper Plugging Machine	Dr.G.Glan Devadhas	Electronics and Instrumentation Engineering	2018	6000	12	VJEC- IRPs	Non - Government
Design, Fabrication and Control of a Novel Multifunctional Poultry Robot	Mr.Jithin Mon	Mechanical Engineering	2018	7900	12	VJEC- IRPs	Non - Government
Strength Characteristics of partially replaced concrete with cow dung ash and crushed granite	Ms. Dona Chacko	Civil Engineering	2018	2900	12	VJEC- IRPs	Non - Government

e-pas spot generation using block chain	Dr. Manoj V. Thomas	Computer Science and Engineering	2018	6850	12	VJEC- IRPs	Non - Government
Biometric finger print based electronic voting system		Electronics and Communication Engineering	2018	6000	12	VJEC- IRPs	Non - Government
Aquatic waste collector	Ms. Lipina Gopal	Electrical and Electronics Engineering	2018	10350	12	VJEC- IRPs	Non - Government
Design and Implementation of Metaheuristic Algorithm based MPPT Controller of Partially Shaded Photo Voltaic System	Dr.R. Senthilkumar / Dr.G.Justin Sunil Dhas	Electrical and Electronics Engineering	2019	172266	12	ANERT , Trivandrum , Kerala	Government

Automatic Puttu n	Dr V Sampath Kumar	Electronics and Instrumentation Engineering	2019	156750	6	KTU-CERD	Government
Development of smart SCADA	Dr.G.Glan Devadhas	Electronics and Instrumentation Engineering	2018	159,000	36	APJAKTU - CERD - Research Seed Money Scheme	Government
Design and development of Smart Ambulatory Monitoring for Alakkode Old Age Homes	Ms. Vidhya S S	Computer Science and Engineering	2019	100000	6	UBA	Government
Road Safety & Navigation	Dr.G.Glan Devadhas	Electronics and Instrumentation Engineering	2021	16,500	6	KTU	Government

Myoelectric prosthetic hand	Mr.Jijo Joseph	Electrical and Electronics Engineering	2021	26,500	6	KTU	Government
Perennial grant	Dr .V Sampath Kumar	Electronics and Instrumentation Engineering	2020	1,75,000	6	UBA	Government
Student start up grant (Automatic Puttu Making Machine)	Dr .V Sampath Kumar	Electronics and Instrumentation Engineering	2020	4,00,000	6	MHRD AICTE	Government
foot operated hand sanitizer dispenser	Mr. Prabin James	Electrical and Electronics Engineering	2020	265372.47	7	IEEE HAC & SIGHT	Non- Gov

Remote Mine Car	Dr. Sridharan	Mechanical Engineering	2022	25,000	6	Indian Army	Government
Real time vital analyzation system and gesture navigation for disabled people	Ms.divya K	Computer science and engineering	2022	5000	6	VJEC- IRPs	Non- Gov
Machine learning based waste segregation system for mixed waste	Ms.divya K	Computer science and engineering	2022	5000	6	VJEC- IRPs	Non- Gov
Blind assistance using artificial intelligence	Ms.divya K	Computer science and engineering	2022	2500	6	VJEC- IRPs	Non- Gov

Dry hand sanitizer and health check up machine	Mr.binil kumar	Electronics and Communication Engineering	2022	10,000	6	VJEC- IRPs	Non- Gov
Smart dustbin using IoT	Ms.Shimna	Electronics and Communication Engineering	2022	10,000	6	VJEC- IRPs	Non- Gov
Flood landslide prediction using cloud computing	Ms.tintu George	Electrical and Electronics Engineering	2022	10000	6	VJEC- IRPs	Non- Gov
Home energy management systems	Mr.jijo joseph	Electrical and Electronics Engineering	2022	10000	6	VJEC- IRPs	Non- Gov



Development of fertile egg detection and incubation system using image processing and automatic handling	Mr.Shinu	Electronics and Instrumentation Engineering	2022	10000	6	VJEC- IRPs	Non- Gov
Fall detection and early diaganosis system	Dr.Glan Deva Dhas	Electronics and Instrumentation Engineering	2022	10000	6	VJEC- IRPs	Non- Gov
"Village women economic empowerment through low cost IoT Based Hatchery Unit."	Vidhya S S	computer science and engineering	2022	100000	6	UBA	Government