Department of Electronics & Communication Engineering

List of Grants received from various Organization for Research & event organization

ACY 2021-22

Sl No.	Funding Agency	Project Title	Approval Amount	Name of the PI & Co-PI	Duration	Ongoing/ Complete
1	KSCST	Detecting A twitter Cyberbullying using Machine Learning	6,000/-	Dr. Poornima	6 months	Ongoing
2	KSCST	Water Purification using solar energy and generation of Hydroelectricity	6,000/-	Dr. Jijesh J J	6 months	Ongoing
3	KSCST	Real time alert system for distribution transformer using IoT	6,000/-	Mr. Ravindra Kumar M	6 months	Ongoing
4	KSCST	Modular Dragon Fly	7,000/-	Mr. Manju D	6 months	Ongoing
5	KSCST	Secure Key Management with Fual Theft and Vehicle Anti- Theft Alert	7,000/-	Prof. Sarala T	6 months	Ongoing
6	VTU	The future of Wireless in Vehicle Charging- Design & Implementation of the magnetic coils in parking areas and roads to get continuous wireless charging for Electric Vehicles.	5000/-	Prof. Sarala T	6 months	Completed
7	VTU	Design & Implementation of Low-cost Ultraviolet sterilization robot for better human health care services.	5000/-	Prof. Ravi Gatti Prof. Santosh Kumar S	6 months	Completed
		Total	**42,000/-**			

Programme Coordinator
HEAD, DEPT. OF E & CE
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COLLEGE OF ENGINEERING
BANGALORE-562 157

Department of Electronics & Communication Engineering

List of Grants received from various Organization for Research & event organization

ACY 2020-21

Sl No.	Funding Agency	Project Title	Approval Amount	Name of the PI & Co-PI	Duration	Ongoing/Complete
1	AICTE	"Training for Social Connectedness & Inspiration" under AICTE Training and Learning (ATAL)	93,000/-	Dr. Shivashankar Dr.Dileep Reddy Bolla	3 months	Completed
2	VTU	Detection of Human body under water	5,000/-	Dr.Keshavamurthy	6 months	Completed
3	VTU	IoT based Monitoring and generation of power using Industrial Exhaust fans	5,000/-	Prof.Mahaveer Penna / Prof.Rajendra Prasad P	6 months	Completed
4	KSCST	DESIGN AND IMPLEMENTATION OF LOW COST ULTRAVIOLET STERILIZATION ROBOT TO AVOID INFECTION FOR BETTER HUMAN HEALTH CARE SERVICES	6,000/-	Prof. Ravi Gatti Prof. Santosh Kumar S	6 months	Completed
5	KSCST	SIGNAL DETECTION FOR BATTERYLESS BACKSCATTERING SYSTEMS WITH RFID ANTENNA TAGS	6,000/-	Dr. Poornima G R Prof. Avinash J L	6 months	Completed
6	KSCST	TIMING SYNCHRONISATION TECHNIQUE WITH A SYMBOL RATE FOR WIRELESS OFDM SYSTEM WITH LOW POWER	6,000/-	Dr. Poornima G R Prof. Avinash J L	6 months	Completed
7	KSCST	COVID-19 BASED	6,000/-	Prof. Swathi N	6 months	Completed

8	KSCST	SMART HELMET PREDICTING PRESSURE ULCERS IN CRITICAL CARE PATIENTS USING DEEP LEARNING AND WEARABLE SENSORS	6,500/-	Dr. Satya Srikanth Palle Dr. Dileep Reddy Bolla	6 months	Completed
	Total			**1,33,500/-**		

Department of Electronics & Communication Engineering

List of Grants received from various Organization for Research & event organization

ACY 2019-20

Sl No.	Funding Agency	Project Title	Approval Amount	Name of the PI & Co-PI	Duration	Ongoing/ Complete
1	AICTE	7 Days Faculty Development Program (FDP) for Student Induction Program for AICTE approved institutions.	7,24,449/-	Dr. Shivashankar Prof. Rajendra Prasad P	6 months	Completed
2	AICTE	Samruddhi – An Innovative Smart Railway Platform Assist in Domestic Railway Station	19,38,666/-	Dr. Shivashankar	2 Years	Completed
3	AICTE	Personality and Skill Development among SC/ST students for the purpose of job acquiring.	9,47,983/-	Dr. Shivashankar	3 Years	Ongoing
4	AICTE	Short term Training Programme – Optimization Techniques for 5G Cellular Networks, Compressive sensing and Data Science using MATLAB	2,84,666/-	Dr. Shivashankar	1 Year	Completed
5	KSCST	Design and Implementation of Vision Module for Visually Impaired People	5,500/-	Prof. Ravi Gatti / Prof.Sunil Kumar	1 Year	Completed
6	KSCST	Design and Implementation of Smart shopping Basket	7,000/-	Prof.Arjun Kumar	1 Year	Completed
7	KSCST	Solar Powered PV Panel Cleaning Robot using IoT	5,500/-	Prof. Santosh Kumar S Prof. Nataraj N	1 Year	Completed
Total			**39,13,764/-**			

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List of Grants received from various Organization for Research & event organization:

AY 2018-19

Sl No.	Funding Agency	Project Title	Approval Amount	Name of the PI & Co-PI	Duration	Ongoing/ Complete
1	DST	Intelligent Off Grid System for Energy Sustainable Village	2,40,87,557/-	Dr.ShivashankarProf.G R Poornima	2 Years	Ongoing
2	AICTE	Modernization of Cloud Radio Access Network Applications Laboratory for 5G Networks	6,63,000/-	Dr.Shivashankar	2 Years	Completed
3	AICTE	Prerana Scheme to Promote, Educate & Encourage SC/ST Students for their Higher Education	7,20,000/-	Dr.Shivashankar	1 Year	Ongoing
4	AICTE	Workshop on "Faculty Training for Student Induction Programme"	1,65,133/-	Dr.Shivashankar	6 months	Completed
5	KSCST	SWACHH ROBO: One's Cleanliness Identity	9000/-	Dr. Jijesh J J Prof. Dileep Reddy Bolla	6 Months	Completed
6	KSCST	Monitoring of Illegal Logging And Forest Fire Using Wireless Sensor Network	8000/-	Dr.Shivashankar Prof. Pramod M S	6 Months	Completed
7	KSCST	Smart Movable Road Divider Using IoT	8000/-	Prof. Satya Srikanth Palle Prof. Mahaveer Penna	6 Months	Completed
8	KSCST	Braille To Voice Conversion Using Tactile Sensor	10000/-	Prof. K Lakshman Arun Kumar Prof. Mamtha K S	6 Months	Completed
9	KSCST	Traffic Sign Detection And Alerting For Driver Assistance System Using Deep Learning Algorithm	6000/-	Prof. Sathya Srikanth Palle Prof. Jijesh J J	6 Months	Completed
10	KSCST	Home Appliance Automation Using Brain Waves	6000/-	Dr.Shivashankar	6 Months	Completed
11	KSCST	Swarm-Based Unmanned Underwater Vehicles to	8000/-	Dr. Jijesh J J Prof. Mahaveer penna	6 Months	Completed

		Oversee Dams And Its Surrounding Ecosystem				
12	KSCST	Smart Security System Using IoT Based Smart Camera With Automatic Door Locking System.	7000/-	Prof. Sarala T Prof. Ashwini S R	6 Months	Completed
13	KSCST	Integrated Secure Columnist Hexpod All-Terrain Full Time Counter-FOE Master.	7000/-	Prof. Swathi N Prof. Ashwini N S	6 Months	Completed
14	VTU	IoT based agriculture using AGRIBOT	5000/-	Prof. Santosh Kumar S	6 Months	Completed
15	VTU	Design of driverless railways using Li-Fi Technology	5000/-	Prof. Rajendra Prasad P	6 Months	Completed
Total			**25,714,690/-**			