

3.1.1 Grants received from Government and non-governmental agencies for research projects / endowments in the institutio				
Sl . No.	Name of the research project/ endowment	Name of the Principal Investigator/Co-investigator	Department of Principal Investigator	Year of Award
1	BIO and NON-BIO waste segregator	Ms. Nikhila	CSE	2022-23
2	Evaluation of Metal Contamination Risk Of Ground And Surface Water Near Municipal Solid Waste Duping Site Area Mangalore: Overview Of Pollution Indices With Risk Assessment And Application Of Low Cost Water Filter.	Prof. Nitesh	CV	2022-23
3	Application of Geopolymer in Dome Structures	Dr. Sangeetha D M / Dr. Rithin Kumar N B	CV	2022-23
4	Investigation On Performance Enhancement Of Photovoltaic-Thermoelectric Integrated System	Mr. Sudheer Kini Dr. Sreejith B. K	ME	2022-23
5	Textify - Lip Reading to Text for Dumb and Deaf people	Sharanya and Sahaya shamini	ISE	2022-23
6	Low Cost Smart Spirometer	Dr. Gnane Swarnadh Sathapathi	ECE	2022-2023
7	BILIRUBINOMETER	Dr. Kiran kumar V G, Dr. Shantharama Rai C	ECE	2022-2023
8	Esperanza-IOT Buddy@Home	Mr.Siju V Soman	CSE	2021-22
9	Low cost sensor based kit to detect the ghg gas emissions from sewage and industrial effluents in mangalore and public awareness survey of the same	Dr. Suman Kundapura	CV	2021-22
10	Strength evaluation of steel plate girder using Staad pro	Dr. Sangeetha D M	CV	2021-22
11	Evaluation of physiochemical characteristics and metal contamination risk in nethravathi and gurupura river basin : Overview of pollution indices with risk assessment and application of low-cost water filter.	Prof. Nitesh	CV	2021-22

12	Low cost sensor based kit to detect the GHG gas emissions from sewage and industrial effluents in mangalore and public awareness survey of the same	Dr. Suman Kundapura	CV	2021-22
13	Water quality analysis around AJIET campus	Dr. Amarnatha Shetty	CV	2021-22
14	A novel plastic waste management system to control Air-pollution	Mr. Sunilkumar S	ME	2021-22
15	Fire Extinguisher using sound waves	Dr. Sreejith	ME	2021-22
16	Production of fuel from waste plastic material through injection moulding process	Mr. Prashantha D A	ME	2021-22
17	Image regeneration for old damaged reel picture	John prakash	ISE	2021-22
18	Chronic disease prediction after covid-19 using machine learning	Dr.Suresha D	ISE	2021-22
19	Breast cancer histopathology image classification using machine learning	Aruna kumari	ISE	2021-22
20	Object Detection based Garbage Collection Robot	Mr. Prakash K Shetty, Mr. Manjukiran B	ECE	2021-22
21	Smart Wheel Chair	Mr Ganesh U G and Mrs Pratheeksha Rai	ECE	2021-22
22	Low cost Prosthetic Arm	Dr. Gnane Swarnand Sathapathi and Mrs. Sahana A	ECE	2021-22
23	E- Voting System using Block chian technology	Dr. Nagesh H R	ISE	2021-22
24	Detection and classification of brain tumor with MRI scan using deep learning	Dr Suresha D	ISE	2021-22
25	Android App for Dairy Farmers	Mrs. Archana	CSE	2021-22
26	Sign Language Recognition	Mr. Siju V Soman	CSE	2021-22

27	Electricity generation from hydrodynamic behaviour of floating substances in directional seas	Dr. Vignesha Nayak	ME	2021-22
28	Experimental and Computational analysis of Co-centric tube heat exchanger with pin-fin	Mr. Prakyath	ME	2021-22
29	Medical Aid Kit	Dr. Antony P J	CSE	2020-21
30	Learning Alphabets and Numbers from Gesture Recognition for Visual Impaired Children	Mr. Pradeep Kumar K G	CSE	2020-21
31	Homato	Dr. Antony P J	CSE	2020-21
32	Sustainable and safe reuse of municipal sewage sludge for phosphorous recovery - A study on Mangalore Municipal Sewage Sludge	Prof. Nitesh	CV	2020-21
33	Geopolymer Concrete using Flyash and GGBS	Dr. Sangeetha D M	CV	2020-21
34	Design of Eco friendly waste water treatment process by using constructed soil filter.	Prof. Vinod T D'Souza	CV	2020-21
35	Role of lake water reuse in sustainable development of city	Prof. Saketh Shetty	CV	2020-21
36	Performance Combustion and Emission Characteristics Of Single Cylinder CI Engine With WCO Biodiesel And Nanoparticles With Oxygen Enrichment Process	Dr. Vighnesha Nayak	ME	2020- 21
37	Mechanical Pocket Manuring	Dr. Vighnesha Nayak	ME	2020- 21
38	Automatic Solar Powered Railway Track Crack Detecting Vehicle	Dr. Sreejith B K	ME	2020- 21
39	Automated Drain Cleaning Machine	Mr. Nithin Shet	ME	2020- 21
40	Solar refrigeration using vapour adsorption cycle	Dr. Rajesh Rai P.	ME	2020- 21
41	Design and fabrication of shredder machine for recycling of Polyethylene terephthalate (PET) waste	Mr. Prashanth D A	ME	2020- 21

42	Covid detection using deep learning	Mr. John prakash Veigas and Dr.Nagesh H.R	ISE	2020-21
43	Computational Model for the Static Analysis of Steel Composite Plate Girder	Dr. Sangeetha D M and Mr. Mohan A R	CV & ECE	2020-21
44	Smart Cane for Visually impaired	Dr. Gnane Swarnandh Satapathi ,Mr. Manjukiran B	ECE	2020-21
45	Smart Menstrual Cup	Mr. Raghavendra Havaldhar & Mr. Ganesh U G	ECE	2020-21
46	Design and Development of IOT based Smart Door for House Security	Mr.Basappa Kodada	CSE	2019-20
47	Automated Parking System	Mr.Pradeep Kumar K G	CSE	2019-20
48	L KART	Mr.Nithin Kumar Heraje	CSE	2019-20
49	Water Quality Monitoring System using IOT	Mrs.Snitha Shetty	CSE	2019-20
50	Kannada Language Sentiment Analysis using baseline and ML	Dr.Antony P J	CSE	2019-20
51	A proposed plan for rejuvenate and study of hydraulic response of the Kavoov lake – Mangalore urban	Mr. Saketh Shetty	CV	2019-2020
52	Assessment of surface and ground water quality	Mr. Nitesh K.	CV	2019-2020
53	A proposed plan for rejuvenate and study of hydraulic response of the Kavoov lake – Mangalore urban	Mr. Saketh Shetty	CV	2019-2020
54	Assessment of surface and ground water quality near municipal solid waste dumping site area, Vamanjoor, Mangalore, India.	Mr. Nitesh K.	CV	2019-2020
55	Performance, Combustion and Emission Characteristics of Single Cylinder CI Engine With WCO Biodiesel and Nanoparticles	Dr. Vighnesha Nayak & Mr. Karthik A.V.	ME	2019-20

56	Solid waste management, Title: Design and Fabrication of waste segregator using Delta Robot	Mr. Vijay Kumar H. K. and Mr. Harold J D' Souza	ME	2019-20
57	GARUDA – Recon and Attack Drone	Dr. Rajesh Rai P. and Mr. Sudheer Kini K	ME	2019-20
58	Automation on conversion of waste into fertilizer using IOT for urban area	Dr.Nagesh H.R and Prof. Gurudev Shastri Hiremat	ISE	2019-20
59	Effective way of conversion of waste into fertilizer using machine learning for Urban Area	Dr. Nagesh H R, Prof. Gurudev Shastri Hiremat	ISE	2019-20
60	Real-Time hand sign recognition using machine learning for deaf and hearing impaired people	Prof. Vineetha Pais, Prof. Sharanya PS	ISE	2019-20
61	Voice controlled Wheel Chair	Mr. Sruthin Balachandran, Mr. Prakash K Shetty	ECE	2019-2020
62	Voice controlled Wheel Chair	Mr. Sruthin Balachandran,	ECE	2019-2020
63	Voice controlled Wheel Chair	Mr. Sruthin Balachandran	ECE	2019-2020
64	Fabrication of self -assembled Inorganic Nano patterns for Superior Phtovoltaic Device Applicatons	Dr. Rithin Kumar N.B	Physics	2019-2020
65	Leaf Disease detection using Image processing	Dr. Shantharama Rai, Mr. Manjukiran B	ECE	2019-2020

on during the last five years (INR in Lakhs)			
Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/non-Government)
0.05	1 Year	KSSCST	GOVERNMENT
0.5	0.5 YEAR	KSCST-FPP	GOVERNMENT
0.05	1 YEAR	KSCST	GOVERNMENT
0.08	1 year	KSCST	GOVERNMENT
0.05	1Year	KSCST	GOVERNMENT
0.05	1 Year	KSCST	GOVERNMENT
0.05	1 Year	KSCST	GOVERNMENT
0.06	1 Year	KSSCST	GOVERNMENT
0.07	1 year	KSCST	GOVERNMENT
0.04	1 year	KSCST	GOVERNMENT
0.07	1 year	KSCST	GOVERNMENT

0.05	1 year	VTU Innovative Grant	NON GOVERNMENT
0.05	1 year	VTU Innovative Grant	NON GOVERNMENT
0.05	1 Year	VTU Innovative Grant	NON GOVERNMENT
0.05	1 Year	VTU Innovative Grant	NON GOVERNMENT
0.1	1 Year	FKCCI	GOVERNMENT
0.06	1 year	KSCST	GOVERNMENT
0.05	1 year	KSCST	GOVERNMENT
0.05	1 year	VTU Innovative Grant	NON GOVERNMENT
0.05	1 year	VTU Innovative Grant	NON GOVERNMENT
0.06	1 year	KSCST	GOVERNMENT
0.05	1 year	KSCST	GOVERNMENT
0.05	1 year	KSCST	GOVERNMENT
0.07	1 year	KSCST	GOVERNMENT
0.05	1 year	VTU Innovative Grant	NON GOVERNMENT
0.05	1 year	VTU Innovative Grant	NON GOVERNMENT

0.025	1 year	KSCST	GOVERNMENT
2.58	1 YEAR	VGST	GOVERNMENT
0.05	1 Year	VTU Innovative Grant	NON GOVERNMENT
0.05	1 Year	VTU Innovative Grant	NON GOVERNMENT
0.045	1 Year	KSSCST	GOVERNMENT
0.045	1 Year	KSSCST	GOVERNMENT
0.045	1 Year	KSSCST	GOVERNMENT
0.05	1 Year	VTU Innovative Grant	NON GOVERNMENT
0.05	1 Year	VTU Innovative Grant	NON GOVERNMENT
0.05	1 year	KSCST	GOVERNMENT
0.05	1 year	KSCST	GOVERNMENT
0.05	1 year	VTU Innovative Grant	NON GOVERNMENT
0.05	1 year	VTU Innovative Grant	NON GOVERNMENT
0.05	1 year	KSCST	GOVERNMENT

0.05	1 year	VTU Innovative Grant	NON GOVERNMENT
0.05	1 year	VTU Innovative Grant	NON GOVERNMENT
0.04	1 year	KSCST	Government
0.05	Completed	VTU Innovative Grant	NON GOVERNMENT
0.05	Completed	VTU Innovative Grant	NON GOVERNMENT
0.05	1 Year	VTU Innovative Grant	NON GOVERNMENT
0.05	1 Year	KSCST	GOVERNMENT
0.2	1 Year	VTU-AVISHKAR	NON GOVERNMENT
2	1 year	VTU/ TEQIP	NON GOVERNMENT
0.05	1 Year	VTU Innovative Grant	NON GOVERNMENT

