



KSIT
K.S. INSTITUTE OF TECHNOLOGY

Kammavari Sangham(R)-1952

K. S. INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi, Affiliated to VTU, Belagavi, Karnataka, Accredited by NACC & NBA (Dept. of CSE, ECE, ME)

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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)

2022-23

Sl. No	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)
1	Gamified Learning for Teaching Programmi	Dr. Vijayalaxmi Mekali	CSE	2022-23	5000	6 months	KSCST	Government
2	Blood Donation System using Blockchain	Mr.Prashanth H S	CSE	2022-23	5000	6 months	KSCST	Government
3	Sign Language to Text and VA8:H14ic e-Versa using Embedded System	Mr.S.Christo Jain	ECE	2023	0.05	6 months	VTU	Non-Government
4	Smart Wheel Chair for Aged People with E-Health	Dr. P.N Sudha	ECE	2023	0.05	6 months	VTU	Non-Government

5	Hybrid Power Grid Based On Iot	Dr. Rekha N	ECE	2023	0.04	6 months	KSCST SSP- 46 series	Gover nment
6	Virtual Pen	Dr. Rekha N	ECE	2023	0.035	6 months	KSCST SSP- 46 series	Gover nment
7	Fire Fighting Robot	Mrs. Ramya K R	ECE	2023	0.04	6 months	KSCST SSP- 46 series	Gover nment
8	E-Passport Authentica tion using IOT and AI	Mr. Saleem S Tevaramani	ECE	2023	0.04	6 months	KSCST SSP- 46 series	Gover nment
9	Non-Invasive Thyroid Detection	Mrs. Bhargavi Ananth	ECE	2023	0.04	6 months	KSCST SSP- 46 series	Gover nment
10	Experimen tal and numerical investigati on on acoustic behaviour of cylindrical shell structures	Mr.Anil Kumar	Mechani cal	2022	5000	6 months	VTU Financial Assistan ce for Innovativ e Projects of Final Year UG Students	Gover nment
11	Design and fabrication of low cost mechanical ventilator	Dr.Nirmala L	Mechani cal	2022	5000	6 months	VTU Financial Assistan ce for Innovativ e Projects of Final Year UG Students	Gover nment

12	Design And Fabrication Of Smart Irrigation System Using Iot	Dr. Girish T R	Mechanical	2023	6000	6 months	KSCST SSP-46 Series	Government
13	Design And Construction Of An Integrated Domestic Organic Waste Composting Device	Mr. Ranaganathan	Mechanical	2023	6000	6 months	KSCST SSP-46 Series	Government
14	Design And Fabrication Of Solar Dryer For Onion	Dr. Nirmala L	Mechanical	2023	6000	6 months	KSCST SSP-46 Series	Government
15	Generation Of Electrical Energy Using Neodymium Magnets In Double Cylinder Actuation	Mr. Anil Kumar A	Mechanical	2023	6000	6 months	KSCST SSP-46 Series	Government
16	Electroplating Of Disc Rotor With Copper	Mr. Nagabhushana M	Mechanical	2023	6000	6 months	KSCST SSP-46 Series	Government

17	Wild Life Animal Tracking and Monitoring System	Dr. Chanda V Reddy	TELECOMMUNICATION ENGINEERING	2022-23	5000	6 months	VTU	Non-Government
18	Attendance Monitoring System using Face Recognition with Temperature Sensor	Dr. Dinesh Kumar D S	TELECOMMUNICATION ENGINEERING	2022-23	5000	6 months	VTU	Non-Government
19	IOT Based Smart Mirror	Dr. Chanda V Reddy	TELECOMMUNICATION ENGINEERING	2023	6000	6 months	KSCST	Government
20	Electric Vehicle Charging System	Mr. Satish Kumar B	TELECOMMUNICATION ENGINEERING	2023	6000	6 months	KSCST	Government
Fund received for R&D					Rs: 1.01500 lakhs			
2021-22								
Sl. No.	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)

1	Scheme for promoting Interest, Creativity and Ethics	Dr.Deepa S.R Mrs.Beena.K	Computer Science and Engineering	2021-2022	1	1 year	AICTE-SPICES	Government
2	Tamper proof air quality management system	Dr.Vaneeta.M	Computer Science and Engineering	2021-2022	0.035	1 year	KSCST	Government
3	Development of a Secure System for Intellectual Property Protection in Theaters	Dr. Surekha Borra/Mr.S unil Kumar GR	ECE	2022	1.5	2 years	VTU Research Grants Scheme - 2021	Non-Government
4	Drone Sanitizer	Mrs. V Sangeetha	ECE	2022	0.08	6 months	KSCST SSP-45 Series	Government
5	Crowd Management Framework for Departure Control in Bus Transport Service using Image	Dr. Rekha N	ECE	2022	0.07	6 months	KSCST SSP-45 Series	Government
6	Smart Manhole Management System	Mrs. Pooja S	ECE	2022	0.07	6 months	KSCST SSP-45 Series	Government

7	The ORADOR Smart Community	Mr. Santhosh Kumar B R	ECE	2022	0.07	6 months	KSCST SSP-45 Series	Government
8	Intelligent Packaging System	Mr. Praveen A	ECE	2022	0.07	6 months	KSCST SSP-45 Series	Government
9	Automated Crowd Management and Energy Conservation System in Metro Using IoT	Mr. Sampath Kumar S	ECE	2022	0.07	6 months	KSCST SSP-45 Series	Government
10	Fabrication of Sonar Glasses for Visually Impaired People	Mr. Rajesh GL	Mechanical	2022	0.06	6 months	KSCST	Government
11	IoT Based Smart Mirror	Dr. Chanda V Reddy	Telecommunication Engg	2022	0.06	6 months	KSCST	Government
12	Electric Vehicle Charging System	Mr. Satish Kumar B	Telecommunication Engg	2022	0.06	6 months	KSCST	Government

Fund received for R&D

Rs. 3.145Lakhs

Funds Received for Product Development through Consultancy

13	Sony liv player	Dr. Joy Prabhakaran	Electronics & Communication Engg	2021-22	31.32 Lakhs	7 months	Tata Elxsi	Non-Government
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Total Fund received**34.465 Lakhs****2020-21**

Sl. No.	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)
1	Reading a Physical Book for A Visually Impaired Person through Voice over Navigation System	Dr. RAM P.RUSTAGI	Computer Science And Engineering	2021	6000	10/11/2020-9/5/2021 6 months	KSCST	Government
2	Voice-Based E- Prescriptio	Dr Rekha B Venkatapur	Computer Science	2021	5000	30/6/2021-20-9-2021	VTU Financial Assistan	non-Government
3	Be My Book-You hear what you choose to read	Dr Ram P Rustagi	Computer Science And Engineer	2021	5000	30/6/2021-20-9-2022	VTU Financial Assistan ce	Non-Government
4	Developme nt of Bioinspire d Algorithms for Real Time Piracy Detection Systems based on Thermogra	Dr Surekha B	Electron ics & Commu nication Engg	2021	3lakhs	11/2/2021-10/2/2022 1 year	Research Grant for Scientist s/Facult y (RGS/F), VGST, Governm ent of Karnataka	Government
5	Photovoltaic Dual Purpose Thermo Electric	Ms Sangeetha V	Electron ics & Commu nication Engg	2021	5000	10/11/2020-9/5/2021	KSCST SSP-44 Series	Government

6	Hybrid Temperature Sensing and Monitoring System With Built	Dr P N Sudha	Electronics & Communication Engg	2021	5000	30/6/20-21-20-9-2021	VTU Financial Assistance	Non-Government
7	Smart Heart Health Predictor Powered	Ms. Jayasudha B S K	Electronics & Communication Engg	2021	5000	30/6/20-21-20-9-2022	VTU Financial Assistance	Non-Government
8	Fabrication of Portable Shredding and Composting Device for Kitchen & Garden Waste	Prof. Prasad K	Mechanical Engg	2021	6000	6 months Feb-June 2021	KSCST	Government
9	Fabrication & Performance testing of portable Archimede s screw micro	Prof. Prasad K	Mechanical Engg	2021	6000	6 months Feb-June 2021	KSCST	Government
10	Design & Development of zero lag turbocharger to increase engine efficiency and to reduce air pollution	Prof. Anilkumar	Mechanical Engg	2021	6000	6 months Feb-June 2021	KSCST	Government

11	Automatic disinfectant system	Prof. Gautham	Mechanical Engg	2021	6000	6 months Feb-June 2021	KSCST	Government
12	Multipurpose Agriculture	Dr. Nirmala L	Mechanical Engg	2021	5000	30/6/20-21-20-9-2021	VTU Financial Assistance	Government
13	Detection of Surface Irregularities in Manufactured components using Delta Robot	Mr. Bharath Kumar	Mechanical Engg	2021	5000	30/6/20-21-20-9-2022	VTU Financial Assistance	Government
14	Media forensics and deep fakes	Dr. Chanda V Reddy	Telecommunication Engg	2021	5000	July 2020 to August 2021	KSCST	Government
15	Zero contact delivery system for safer	Dr. Rekha N	Telecommunication Engg	2021	6000	July 2020 to August 2023	KSCST	Government
16	Iot based Ambu bag mechanical ventilator	Dr. Chanda V Reddy	Telecommunication Engg	2021	5500	July 2020 to August 2022	KSCST	Government
17	GSM based baby monitoring and automatic	Mr. Satish Kumar B	Telecommunication Engg	2021	5000	30/6/20-21-20-9-2021	VTU Financial Assistance	Non-Government
18	Smart Helmet With Bike System for Safety Transporta	Mr. Dileep J	Telecommunication Engg	2021	5000	30/6/20-21-20-9-2022	VTU Financial Assistance	Non-Government

Fund received for R&D

3,91500/-=3.915 Lakhs

Funds Received for Product Development through Consultancy

19	Sony liv player	Dr.Joy Prabhakaran	Electronics & Communication	2020-21	16,35,000/= 16.65 Lakhs	6 months	Tata Elxsi	Non-Government
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Total Fund received

20.565Lakhs

2019-20

Sl. No.	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)
1	RAKSHAK- A bored well rescue bot	Dr P N Sudha	Electronics & Communication Engg	2019-20	5500	6 months	KSCST	Government
2	Automatic segregation of waste using robotiv arm	Mrs. V Sangeetha	Electronics & Communication Engg	2019-20	4500	6 months	KSCST	Government
3	Propulsion of Turbojet Engine Using HHO Gas Generated from Water by HHO Generator”	Mr. Anil Kumar A	Mechanical Engg	2019-20	5500	6 months	KSCST	Government

4	Design and Automation of Nutrient Feed System to Enhance Growth Rate in Hydroponics”	Mr Gautham S	Mechanical Engg	2019-20	5000	6 months	KSCST	Government
5	Design and Fabrication of Solid Waste Collector and Water De-Frothing Device”	Prof. Umashankar		2019-20	5500	6months	KSCST	Government
6	Emission Reduction of Diesel Engine By Using DPF, Doc and Injecting Diesel Exhaust Fluid in Exhaust Fluid in Exhaust Pipe	Mr. Anil Kumar A	Mechanical Engg	2019-20	6500	6 months	KSCST	Government
7	Smart Wrist band for Alzheimer, s and sleep Apnea Victims	Mr. Rekha N	Telecommunication Engg	2019-20	5000	6 months	Karnataka State Council for Science and Technology-KSCST	Government
Fund received for R&D						Rs.0.375Lakhs		

Funds Received for Product Development through Consultancy

8	Scope of service to co-ordinate the skill enhancing initiatives	Dr.Joy Prabhakaran	Electronics & Communication Engg	2019-20	4.75 Lakhs	5 months	Acsia Technologies (P) Ltd.	Non-Government
Total Fund received					5.125Lakhs			
2018-19								
Sl. No.	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)
1	Exoskeleton for the differently abled	Mr. K Venkat Rao	Computer Science And Engineering	2018-19	5000	AUG-2018 to JAN-2019	VTU FOSS	Non-Government
2	Women security system	Mrs, Swathi	Computer Science And Engineering	2018-19	5000	AUG-2018 to JAN-2020	VTU FOSS	Non-Government
3	Advanced footstep power generation	Mr. K Venkat Rao	Computer Science And Engineering	2018-19	5000	AUG-2018 to JAN-2021	VTU FOSS	Non-Government
4	Artificial intelligence based solar vehicle	Mr Sampath Kumar	Electronics & Communication Engg.	2018-19	8000	6 Months	Karnataka state council for Science and	Government

5	Biomorphic hyper redundant robot for disaster surveillance	Mrs. Lakshmi	Electronics & Communication Engg.	2018-19	5000	6 Months	Visveswara Technological University (VTU)	Non-Government
6	Design Of An Economic And Portable Continuous Ambulatory Peritoneal Dialysis (CAPD) Assistive Device	Dr Surekha B	Electronics & Communication Engg.	2018-19	5000	6 Months	Visveswara Technological University (VTU)	
7	Design and construction of an integrated domestic organic waste composting device	Prof. Umashankar	Mechanical Engg.	2018-19	8000	6 months	KSCST	Government

8	Thermal management of electronic equipments using oscillating heat pipes with binary mixture of working fluids	Dr RamaNarashima	Mechanical Engg.	2018-19	8000	6 months	KSCST	Government
9	Dual powered water purification system	Mr Prasad K	Mechanical Engg.	2018-19	6000	6 months	KSCST	Government
10	Smart Hydrophones			2018-19	5500	6 months	KSCST	Government

11	Bridge Monitoring System	Prof. Chanda V Reddy		2018-19	5500	6 months	KSCST	Government
12	Smart Hydrophonics	Mr Senthil Babu		2018-19	5000	6 months	VTU	Non-Government
13	Fabrication of Recumbent Smart Wheelchair with Risk Avoidance	Dr Manju		2018-19	5000	6 months	VTU	Non-Government

Fund received for R&D

Rs :0.76 Lakhs

Funds Received for Product Development through Consultancy

14	Mitara consulting services for subject matter expert (SME)	Dr.Joy Prabhakara	Electronics & Communication Engg.	2018-19	0.5 Lakhs	3 months	Mitara consulting services	Non-Government
15	Scope of service to co-ordinate the skill enhancing initiatives	Dr.Joy Prabhakara	Electronics & Communication Engg.	2018-19	1.5 Lakhs	3 months	Acsia Technologies (P) Ltd	Non-Government

Total Fund received

2.76Lakhs

Signature of Principal
PRINCIPAL

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