K.S. INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
SPONSORED RESEARCH PROJECTS

The ECE department has an R & D Centre affiliated by Visveswaraya Technological University (VTU). The **research projects** worth **Rs. 13Lakhs** 21 Thousand are either completed or ongoing. These projects are funded by Government of Karnataka, Vision Group on Science and Technology (VGST), Karnataka State Council for Science and Technology (KSCST), Visveswaraya Technological University (VTU) and Institution of Engineers (IE(I)).

Year	No. of sponsored Students Projects	Faculty Projects	Amount Sanctioned	Status
2022-23	7	-	29,500/-	Completed
2021-22	6	1	1,93,000/-	Completed
2020-21	1	1	3,15,000/-	Completed
2019-20	2	-	10,000/-	Completed
2018-19	3	-	18,000/-	Completed
2017-18	3	1	5,15,000/-	Completed
2016-17	1	-	5,000/-	Completed
2015-16	3	1	1,35,000/-	Completed
2014-15	2	-	55,000/-	Completed
2013-14	2	-	45,500/-	Completed
		Total	13,21,000/-	

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SPONSORED RESEARCH PROJECTS
(2022-23)

Sl. No.	Date	Funding agency/Scheme	Title of project	Name of the coordinator/Guide/PI & Co-PI	Name of the Students	Duration	Amount sanctioned	Status
1	3/3/23	VTU	Sign Language to Text and Vice-Versa using Embedded System	Mr.S.Christo Jain	Sujay R Somashekar M	6 months	5,000	Completed
2	3/3/23	VTU	Smart Wheel Chair for Aged People with E-Health Monitoring System	Dr. P.N Sudha	Suraj V Ghorpade Thanushree D Vaishnavi G Vrindha Sham Hatt	6 months	5,000	Completed
3	24/4/23	KSCST	Hybrid Power Grid Based On Iot	Dr. Rekha N	Gayathri P K Monisha B K N Anila Srinivasan M	6 months	4,000	Completed
4	24/4/23	KSCST	Virtual Pen	Dr. Rekha N	Akshay Kumar D Kashyap P Kruthik S Sneha N	6 months	3,500	Completed
5	24/4/23	KSCST	Fire Fighting Robot	Mrs. Ramya K R	Nithin D Pavan Kumar G R Praveen Kumar N Preetham G H	6 months	4,000	Completed
6	24/4/23	KSCST	E-Passport Authentication using IOT and AI	Mr. Saleem S Tevaramani	Sinchana M N Sushmitha S Theerthana S R Shamitha Bijoor	6 months	4,000	Completed
7	24/4/23	KSCST	Non-Invasive Thyroid Detection	Mrs. Bhargavi Ananth	Swathi U Vandana S	6 months	4,000	Completed
						Total	29,500	

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SPONSORED RESEARCH PROJECTS
(2021-22)

Sl. No.	Date	Funding agency/Scheme	Title of project	Name of the coordinator/Guide/PI & Co-PI	Name of the Students	Duration	Amount sanctioned	Status
1	Mar 2022	VTU Research Grants Scheme -2021	Development of a Secure System for Intellectual Property Protection in Theaters	Dr. Surekha Borra/Mr.Sunil Kumar GR	NA	2 Years	1,50,000	Ongoing
2	Mar 2022	KSCST SSP-45 Series	Drone Sanitizer	Mrs. V Sangeetha	Ms. Megha R Ms. Anagha S Ms. Ananya Ananth Ms. Ashritha Sc	6 Months	8,000	Completed
3	Mar 2022	KSCST SSP-45 Series	Crowd Management Framework for Departure Control in Bus Transport Service using Image Processing	Dr. Rekha N	Mr. Mahanth Sai M Ms. Adithi S Ms. DhrithirhuthRajanna Ms. K Rishika Ravi	6 Months	7,000	Completed
4	Mar 2022	KSCST SSP-45 Series	The ORADOR Smart Community	Mr. Santhosh Kumar B R	Ms. Janhavi K P Ms. Monisha B R Ms. Niharika S A Ms. Shreya V Dev	6 Months	7,000	Completed
5	Mar 2022	KSCST SSP-45 Series	Smart Manhole Management System	Mrs. Pooja S	Mr. Shreyas D R Mr. P Sai Govardhan Mr. Parikshith S Mr. Ram Bahadur Mahara	6 Months	7,000	Completed
6	Mar 2022	KSCST SSP-45 Series	Intelligent Packaging System	Mr. Praveen A	Mr. Harsh Sharma Mr. Raj Krishna Mr. Dinesh Kumar	6 Months	7,000	Completed

					Nayak Mr. G J Nithin			
7	Mar 2022	KSCST SSP-45 Series	Automated Crowd Management and Energy Conservation System in Metro Using IoT	Mr. Sampath Kumar S	Ms. Chithritha G R Ms. Dhanushree C Ms. Harshitha S Ms. Meghana B S	6 Months	7,000	Completed
						Total	**1,93,000/-**	