



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

The ECE department has an R & D Center affiliated by Visveswaraya Technological University (VTU).

- The **research and consultancy projects** worth **Rs. 15 Lakhs** are either completed or ongoing. Some of these are funded by Government of Karnataka, Vision Group on Science and Technology (VGST), Department of Information Technology, Biotechnology and Science and Technology, Karnataka State Council for Science and Technology (KSCST) and Visveswaraya Technological University (VTU).
- The faculty members are **collaborating** with organizations like IIIT Hyderabad, IIIT Bangalore, Mitara consulting services, Acsia Technologies (P) Ltd. and many more for **product development**.

Funded Projects

Year	Date	Funding agency/ Scheme	Title of project	Name of the coordinator	Students	Level	Amount sanctioned	Total
2020-21	https://drive.google.com/file/d/19_WKF5Iaz6sdEmGxgRE384IHnli7-X_P/view?usp=sharing							
	April 2021	KSCST SSP- 44 Series	Photovoltaic Dual purpose thermoelectric refrigerator	Mrs. Sangeetha V	Mr.Pavan Prasad Mr.Md.SadatMr.Mahadeva.G.E Mr.Yashs.R	UG	5,000/-	5000/-
	September 2021	VTU Financial Assistance for innovative Projects of Final Year UG students	Hybrid Temperature Sensing and Monitoring System with built in Sanitizer	Dr. P.N.Sudha	Mr.Navin Kumar.H.G Ms. Navya.S Ms.Pratima.P. Agnihothri Ms.Pratima Kashyap	UG	5,000/-	5000/-
September 2021	VTU Financial Assistance for innovative Projects of Final Year UG students	Smart Heart Health Predictor powered by ML	Ms. Jayasudha B.S.K	Ms.Rachana.S Ms.Sahana.V Ms. Anagha Kashyap Ms.Anusha.L	UG	5,000/-	5000/-	
2019-20	https://drive.google.com/file/d/1PPnkp9z5u_HBcqK_u5he7eXVMcos5TxY/view?usp=sharing							
	Mar 2020	KSCST SSP- 43 Series	Automatic Segregation of Waste Using Robotic Arm	Mrs. Sangeetha V	Ms. Bhoomika P M Ms. Sonika V Ms. Suma B S Ms. Vismitha Sonna Sathyanarayana	UG	4500.00	4500/-

	Mar 2020	KSCST SSP-43 Series	RAKSHAK - A Bored Well Rescue Bot	Dr. P N Sudha	Ms. Kadri Srinidhi Rao Ms. Jeevitha Kalaashilpa N C Ms. Ashwini S Ms. Bhagya Shree S J	UG	5500.00	5500/-
2018-19	https://drive.google.com/file/d/1ool2S6Nq6EvfGeuwZRI9kVCI8AxdMt5j/view?usp=sharing							
	Jan 2019	KSCST SSP-42 Series	Artificial intelligence based solar vehicle	Mr.sampath kumar S	Mayanka gupta Anusha murthy Kavya n Chandana G	UG	8000/-	8000/-
	May 2019	VTU Financial Assistance for Innovative Projects of Final Year UG Students	Design of an Economic and Portable Continuous Ambulatory Peritoneal Dialysis	Dr.B.Surekha	Thanusha S V Nallani Priya Jagadish S Suhail Y Bhat	UG	5,000/-	5,000/-

			(CAPD) Assistive Device					
	May 2019	Financial Assistance for Innovative Projects of Final Year UG Students	Biomorphic hyper redundant robot for disaster surveillance	Lakshmi HR	Nagabhushan Bhat S C Muneeb Fayaz Harhitha R Bhamini Rajanna	UG	5,000/-	5,000/-
2017-18	https://drive.google.com/file/d/1BLXyrPbTuARyvT7WDpC97mFKqmEpYTzU/view?usp=sharing							
	May 2018	VTU	smart water irrigation system for even distribution of water with leakage detection and correction	Dr.PN Sudha	Mr. Ullas Pragathi R Raksha Ghosh Shreyas R Y	UG	5000/-	5000/-
	Nov 2017	Seed Money to Young Scientists For Research (SMYSR), VGST, Government of Karnataka	Design and Development of Bio-Inspired Algorithms for Confidential Medical Communication	Dr.B.Surekha	NA	Research	5,00,000/-	5,00,000/-
	May 2018	VTU	Smart tool kit for visually impaired	Pratima BA	Pavan B V Praveen Prasanna Ritu P Simha Tejus D S	UG	5000/-	5000/-
	5/4/18	KSCST SSP-41 Series	Body Area Network (BAN) based Smart Security Card System	Mrs. Sangeetha V	C V Chiranthan Anup R Wadavi Ashwin S Krishna Prasad	UG	5,000/-	5,000/-
2016-17	https://drive.google.com/file/d/1G9vExOwcFSpwIvUbKV4Kmx0fr8ehUf0M/view?usp=sharing							
	31/3/17	KSCST SSP-40 Series	Design And Implementation Of Highly Secure Medical Record Communication Algorithms For Telemedicine Applications	Dr.B.Surekha	Goutham.C.B Sandeep.M.C Tejaswi.Y.J Tejaswini.VV S	UG	5,000/-	5,000/-
2015-16	https://drive.google.com/file/d/12CtKoFr_57rn1OOB4a6I1VnUnqtXWrf6/view?usp=sharing							
	29/3/16	KSCST SSP-39 Series	Automatic blister pack quality monitoring system for small and medium	Dr.B.Surekha	Ratish Rao.N Aishwarya.N Pavana.P	UG	5,000/-	

			pharmaceutical firms (SMPFs)					
	29/3/16	KSCST SSP-39 Series	Sensovision- an aid for visually impaired	Mrs.Jaya Sudha BSK	Sushma .S. N, Pooja. R, Navya Sri Sumitra.B	UG	5,000/-	
	20/4/16	IE (I)-R &D Grant in aid	Automatic blister pack quality monitoring system for small and medium pharmaceutical firms (SMPFs)	Dr.B.Surekha	Ratish Rao.N Aishwarya.N Pavana.P	UG	50,000/-	
2014-15	https://drive.google.com/file/d/1dUQHle0xd7UeNs_LpkrCjZG1qTRvwfEZ/view?usp=sharing							55,000/-
	28/2/15	KSCST SSP-38 Series	Protection of crops and proper usage of rain water using whether sensor and GSM Technology	Mr. Santhosh Kumar. B	Nagaraja Mamatha K	UG	30,000/-	
	19/5/15	IE (I)-R &D Grant in aid	Image Encryption and Decryption for Real time Applications (PG2015027)	Mr. Parameshachari. B.D	Kanchan Nazere	PG	25,000/-	
2013-14	5/3/14	KSCST SSP-37 Series	Cost effective implementation of stroboscope (37S0089)	Mrs.R.Jaya Gowri	Nischitha C and others	UG	5,500/-	45,500/-
	23/12/13	VGST -TRIP	Optical Character recognition of handwritten scripts	Mr.B. Sudharshan	Abhijith M Rao and others	UG	40,000/-	