

## Funding for Students Projects

**Year: 2020-21**

**Funding Agency:** Karnataka State Council for Science and Technology (KSCST), Govt. of Karnataka

Sl. No.	Project Reference No.	Project Title	Branch	Name of the Guide (s)	Name of the Students (s)	Sanctioned Amount (in Rs.)
1	44S_BE_1 538	Experimental investigation of flexural behaviour on cement mortar reinforced with basalt textile mesh	CV	Dr.Vathsala	Mr. HARSHA.T Mr. SACHIN C S Mr. NITHIN.N Mr. GURUDATH.R	5000.00
2	44S_BE_1 540	DETECTING COVID-19 WITH CHEST X-RAY, CT IMAGES USING CNN	CSE	Dr. D G JYOTHI	Ms. RAAGA SHETTY B P Ms. J SONY Ms. LATHASHREE D R Ms. NEHA RAVISHANKAR	2000.00
3	44S_BE_1 541	SAFE DISTANCE AND FACE MASK DETECTION USING DEEP LEARNING	CSE	MAYA B S	Mr. PRAJWAL P Mr. PRATIK R PAILWAN Mr. RAHUL KUMAR GUPTA Mr. REVANTH P N	3000.00
4	44S_BE_3 693	Outlier Detection in COVID-19 data	CSE	Dr Asha T	Mr. ABHISHEK KOUSHIK B N Mr. AMITH VISHNU Mr. AKASH R Mr. ANANDTEERTH	5500.00

5	44S_BE_1 542	SCREENING TOOL FOR EARLY DETECTION OF DYSLEXIA BY HANDWRITING AND EYE MOVEMENT	CSE	PROF. NETHRAVA THY V	Mr. INDRAJEET KANWAR Mr. NIKHIL K R SINGH Ms. KAJAL MUNDRA Ms. SOUNDARYA R	3000.00
6	44S_BE_1 545	SMART REAL TIME, TRACKING AND CONTROLLING SYSTEM DURING HEALTH EMERGENCY FOR IMPROVED ROAD SAFETY	EEE	YASHWANT H KUMAR	Mr. YATHISHGOWDA H R Mr. NITHISH M Mr. THIPPESHA J Mr. NAGARAJU J N	6000.00
7	44S_BE_1 549	MODIFIED GENETIC ALGORITHM AND FUZZY LOGIC FOR OPTIMIZATION OF TRAFFIC CONTROL SYSTEM IN CITIES AND TOWNS	E&C	DR. KALPANA A. B.	Mr. NEELANJAN GOSWAMI Mr. MOHD AHMED SIDDIQUE Mr. SUDARSHAN KUMAR Mr. MOKA SAI CHARAN	4000.00
8	44S_BE_1 717	FOOTSTEP POWER GENERATOR FOR AC LOADS	ETE	Mrs. MANJULA A R	Mr. SHREYAS B Ms. ANJANA S Ms. HARSHITHA R	5000.00

9	44S_BE_1 715	UVC LED IN THE FIELD OF MEDICAL AND SMART HEALTHCARE USING IOT	ETE	N CHETAN ANAND	Ms. NIRMITHA DEVI H Ms. RACHANA NAYAKA N Ms. PUSHPA B S Ms. POOJA T S	6000.00
10	44S_BE_1 721	AUTONOMOUS CAR USING DEEP LEARNING AND OPENCV	ETE	Prof. GIRISH KUMAR N.G	Ms. NAYANA H Ms. RASHMI M NAIK Mr. RIYAZ KHAN Z Mr. SHOBITH M	6000.00
11	44S_BE_1 720	iSmart BIT BOT	ETE	Prof. A R BHAVYA	Mr. JAYANTH GOWDA A Ms. CHINMAYI G H Mr. SURAJ SANJAY Ms. VIDYASHREE L	6000.00
12	44S_BE_3 690	MONITORING COVID-19 SOCIAL DISTANCING USING DEEPSORT TECHNIQUE	ISE	Dr.VANI V	Ms. BHAVANA S N Ms. AISHWARYA A S Ms. NIKHATH Ms. LALITHYA K S	4000.00
13	44S_BE_3 689	AI POWERED DRONE STATION	ISE	ANUPAMA K C	Mr. VINAY P Ms. SHREYA WATVE Ms. MADHURI B S Ms. HARSHITHA BHATIA	6000.00
14	44S_BE_2 117	ECO-FRIENDLY POWER GENERATION FROM HUMAN WASTE BY ELECTROLYSIS PROCESS	ME	SANTOSH KUMAR M	Mr. AMRUTH B Mr. BALAJI S Mr. HARISH GOWDA M H Mr. AKSHAYA SRIVASTHAV	8000.00

15	44S_BE_4 264	WASTE RECYCLING AND OBTAINING ENERGY FROM ALTERNATIVE SOURCES	ME	HN REDDAPA	Mr. RAHUL H Mr. ROHIT S NAIK Mr. SAURABH CHOUDHARY	7000.00
16	44S_MTE CH_013 P	PREPARATION OF CHARCOAL USING AGRICULTURAL WASTES	M.Tech (MSE)	Dr. H. N. REDDAPPA	Mr. UDAY KUMAR G S	7000.00

Year: 2019-20

Funding Agency: Visvesvaraya Technological University, Belgavi

Sl.No.	Branch		Title of the Project	Name / Names of the Students	Name of the Guide	Amount
1	Mechanical Engineering	1	Characterisation of inter metallic coatings thermal sprayed on turbine alloys	Uditu (1BI16ME152)	Dr.Nagaraja C Reddy	5000.00
				Sumukh s (1BI16ME143)		
				Vijeth rai (1BI16ME156)		
				Mohit v (1BI15ME186)		
2	Mechanical Engineering	2	Study on internet of things based automatic accident detection and rescue system	Anusha k (1BI17ME403)	Dr.Chetan B	5000.00
				Sangeetha (1BI17ME430)		
				Vivek S (1BI17ME442)		
				Sharath R (1BI15ME132)		
3	Civil Engineering	1	Punching shear evaluation of (GFRP) Glass fibre reinforced polymer rebar reinforced flat slab.	SWATI LOKESH MADIVAL (1BI17CV180)	Prof. Prasad gowda C	5000.00
				BINDU.N (1BI15CV039)		
4	Civil Engineering	2	Experimental investigation on the textile reinforced mortar panel	DIVYASHREE M (1BI16CV036)	Prof. Deepika K C	5000.00
				AKARSH M C (1BI16CV404)		
				SUNIL KUMAR (1BI17CV435)		
				VARSHINI T H (1BI17CV440)		
5	Electronics and Instrumentation Engineering	1	EMG Activated Bionic Arm	Tejas M.S. (1BI16EI039)	Dr.M.B.Meenavathi	5000.00
				Dhanush U Kodmon (1BI16EI011)		

				Vishak Kotemani (1BI16EI044)		
6		2	IOT Based Google Assistance Controlled Home Automation	Dattatreya Raghoji (1BI16EI008)	Dr.Aswathappa P.	5000.00
				Sonika K (1BI16EI034)		
				Chetana G. (1BI16EI007)		
				Sudhamathi (1BI15EI046)		
7	Computer Science & Engineering	1	Water consumption Analytics for Bengaluru ,using Machine learning	Arsalan Anwar (1BI16CS025)	Dr.D.G.Jyothi	5000.00
				Devraj (1BI16CS042)		
				Dhanush R (1BI16CS043)		
				Ganesh Prasad S (1BI16CS046)		
8	Computer Science & Engineering	2	Monitoring Mobile usage in Classroom	Maheria Pooja Rajeev (1BI16CS070)	Dr. J. Girija	5000.00
				Apporva R S (1BI17CS402)		
				Architha Ramesh (1BI17CS403)		
				Bhoomika A (1BI17CS405)		
9	Electrical and Electronics Engineering	1	Estimation of remaining useful life of an Induction Motor	Pooja K (1BI16EE031)	Prof. J Ashwatha narayanappa	5000.00
				Sidramappa (1BI16EE050)		
				Soumya kiran B P (1BI16EE053)		
				Yashas K (1BI16EE060)		
10	Electrical and Electronics Engineering	2	Finger print based electric load switch using relays for lineman safety	Anand P (1BI16EE010)	Prof. Suresh H	5000.00
				Gireesha V (1BI17EE400)		
				Jalaludheen A (1BI17EE401)		
				Jeevan G M (1BI17EE402)		
11	Telecommunication Engg	1	On-Board Diagnostics & Driver Profiling	1. Thushar R	Dr. M. Rajeshwari	5000.00
				2. Srihari N R		
				3. Prithvil K P		
				4. Navneet S		
12		2	Food for Hunger: IoT – Aided Charity	1.Madhavi KMallya	Prof. B. Sudha	5000.00
				2.Niharika R		

				3.Niriksha P		
				4.Nisha K		
13	Information Science & Engineering	1	Crowd Density estimation and anomaly detection	Kaustibh Bhat (1BI16IS020)	Dr.Hema Jagadish	5000.00
				Swetha B C (1BI16IS051)		
				Sujan R S (1BI16IS054)		
				Varun B V (1BI16IS059)		
14	Information Science & Engineering	2	An efficient implementation of block chain based management of video surveillance system	Arthi G (1BI16IS010)	S Mercy	5000.00
				Kushma Jain H S (1BI16IS023)		
				Poorvaja S (1BI16IS035)		
				Priya G (1BI17IS408)		
15	Electronics and Communication Engineering	1	Detection Of Cancer Toomar Using Image Processing Techniques	Abhishek I (IBI16EC204)	Dr. Vijayaprakash .A.M	5000.00
				Tejos V (1BI16EC164)		
				Sajan R (1BI16EC205)		
16	Electronics and Communication Engineering	2	Gesture Interpretation Using Arduino For Speech Disabled People	Aishwarya. S (1BI16EC210)	Dr.Hemanth kumar A.R	5000.00
				Indira.B R(1BI16EC063)		
				Namitha (1BI17EC416)		
				Sangeetha .L S (1BI16EC214)		
17	Industrial Engineering & Management	1	Recycling Automotive Scrap to Innovative Furniture And Handcrafts	Chethan K (1BI16IM009)	V S Giri	5000.00
				Abdul Ahad (1BI14IM001)		
				Vivek S Hiremat (1BI16IM052)		
				Tejas Kumar S (1BI16IM049)		
18	Industrial Engineering & Management	2	Design and Fabrication Hybrid Multipurpose Hexapod Robot	Balaji G (1BI16IM007)	A P Partha	5000.00

**Year: 2019-20**

**Funding Agency:** Karnataka State Council for Science and Technology (KSCST), Govt. of Karnataka

<b>Sl. No.</b>	<b>Project Reference No.</b>	<b>Project Title</b>	<b>Branch</b>	<b>Name of the Guide (s)</b>	<b>Name of the Students (s)</b>	<b>Sanctioned Amount (in Rs.)</b>
1	43S_BE_2316	PERSPICUOUS WATER DISTRIBUTION MANAGEMENT SYSTEM BASED ON IoT AND RASPBERRY PI TELE COMMUNICATION ENGINEERING	ETE	Prof. A R BHAVYA Dr. M. RAJESWAR I	Ms. SWATHI V Ms. ROJA.P Ms. SWETHA.V Ms. HEMASHREE .M.J	4000.00

**Year: 2018-19**

**Funding Agency:** Karnataka State Council for Science and Technology (KSCST), Govt. of Karnataka

<b>Sl. No.</b>	<b>Project Reference No.</b>	<b>Project Title</b>	<b>Branch</b>	<b>Name of the Guide (s)</b>	<b>Name of the Students (s)</b>	<b>Sanctioned Amount (in Rs.)</b>
1	42S_BE_0320	SMART DUAL BAND MODEL FOR WOMEN SAFETY	E&C	Mr. SRINIVASAMURTHY R	Mr. SAJID AFAQUE	7000.00
2	42S_BE_1492	DESIGN AND IMPLEMENTATION OF SMART MOVABLE ROAD DIVIDER USING IOT	ETE	Prof. N CHETAN ANAND	Ms. THANUJA P K	7000.00
3	42S_BE_1493	IOT SMART MIRROR WITH NEWS AND TEMPERATURE	ETE	Prof. RANJANA K.	Ms. SREEVIDYA R G	7000.00
4	42S_BE_1495	BIO-INSPIRED WATER MONITORING SYSTEM	ETE	Prof. JAMUNA M	Mr. PRAJWAL D	6000.00

**Funding Agency: Visvesvaraya Technological University, Belgavi**

**Year: 2017-18**

Sl.No	Branch	Title if the project		Names of Students	Name of the Guide	Amount
1	B.E.,(Civil Engineering)	Comparative study on different methods of stabilisation of slope	1	Ramya J (1BI14CV132)	Prof. K V Vijayendra	5000
			2	Rashmi R E (1BI14CV133)		
			3	Revanthkumar K K (1BI14CV135)		
			4	Satish J (1BI14CV145)		
2	B.E.,(Civil Engineering)	Manufacturing of Paver tiles using waste plastics	1	Hema R (1BI15CV411)	Prof. K V Maheshchandra	5000
			2	Maregowda H M (1BI15CV417)		
			3	Swathi N (1BI15CV431)		
			4	Vijith S (1BI15CV434)		
3	B.E.,(Mechanical Engineering)	Development And Characterization Of Sisal And Bamboo Fiber Reinforced Hybrid Composites	1	Ravi Teju A R (1BI14ME129)	Dr.Babu.E.R	5000
			2	Sharath Raj S (1BI14ME147)		
			3	Shreyas B Shetty (1BI14ME151)		
			4	Shridhar Hugar (1BI14ME153)		
4	B.E.,(Mechanical Engineering)	Productivity improvement of an	1	Aniruddha Prabhu (1BI14ME023)	Dr.Honnegowda	5000

		assembly line	2	Anantha V (1BI14ME022)		
			3	Nishant N (1BI14ME197)		
			4	Keertan R (1BI15ME434)		
5	<b>B.E.,</b> (Electrical Engineering)	Operation of a DSTATCOM in Voltage Control Mode	1	Soundarya M.N. (1BI14EE053)	Prof. H.B.Nagesh	5000
			2	Hemalatha G. (1BI14EE403)		
			3	Vamshi S.M. (1BI14EE061)		
			4	Avinash Kumar (1BI14EE064)		
6	<b>B.E.,</b> (Electrical Engineering)	Fault Analysis of Simulation for Interior Permanent Magnet Synchrono Motor using Simulink	1	Ashwini (1BI14EE007)	Prof. G.Sudha	5000
			2	Meghana H. (1BI14EE021)		
			3	Kusuma C. (1BI14EE017)		
			4	Ramya H.R (1BI14EE036)		
7	<b>B.E.,</b> (Electronics & Communication Engineering)	Automatic Flight Control System Integration Bench	1	Meghana N.K. (1BI14EC081)	Dr. M.N.Sriganraju	5000
			2	Nidhi R. (1BI14EC089)		
			3	Meghana V.C. (1BI14EC411)		
			4	Keerthy (1BI14EC066)		
8	<b>B.E.,</b> (Electronics & Communication	Direct FSK Receiver using GIGA bit	1	Sandhya Rani (1BI14EC134)	Prof. Karunavathi R.K.	5000

	Engineering)	sampling ADC	2	Sanjana S. (1BI14EC135)		
			3	Shama V. (1BI14EC138)		
			4	Shilpa H. (1BI14EC147)		
9	<b>B.E.,</b> (Computer Science & Engineering)	Smart Stick for Blind People using IOT	1	Nishant Kumar	Prof. S. Keshav Murthy	5000
			2	Roopshikha		
			3	Sapna Kumari		
			4	Harshita M		
10	<b>B.E.,</b> (Computer Science & Engineering)	Aadhar based Biometric Voting System	1	Mahaveer Lomrod	Prof. Maya B.S.	5000
			2	Prashanth Kumar		
			3	Subhod Dhakai		
			4	Avinash Anand		
11	<b>B.E.,</b> (Information Science & Engineering)	Remotely Sensed Image Classification Using Convolutional Neural Network	1	Sushmitha Madhyastha P (1BI14IS058)	Prof. B R Shivakumar	5000
			2	Vinutha.R.Kamath (1BI14IS062)		
			3	Priya Sharma (1BI14IS069)		
12	<b>B.E.,</b> (Information Science & Engineering)	Performance Evaluation Of Classifiers For Sentiment Analysis On E-Commerce	1	Chiranjeevi.R (1BI14IS017)	Prof. Vani V.	5000
			2	D.A.Ankith (1BI14IS018)		
			3	Nagarjuna N (1BI14IS030)		

		Review Data	4	Jayanth Bharadwaj M (1BI15IS405)		
13	<b>B.E.,</b> (Electronics & Telecommunication Engineering)	Automated Pest Detection and Pesticide Spraying Robot.	1	Bhuvana L (1BI14TE014)	Prof. Sudha B.	5000
			2	Divya V (1BI15TE402)		
			3	Mamathashree S (1BI15TE405)		
			4	Pallavi (1BI13TE024)		
14	<b>B.E.,</b> (Electronics & Telecommunication Engineering)	Development of NPK Sensing kit and Fertilizer Dispensing Robot.	1	Anmol Kejriwal (1BI14TE008)	Prof. Chetan Anand. N	5000
			2	Gopala Agrawal (1BI14TE020)		
			3	Anuj Dharwar (1BI14TE009)		
			4	Arpitha D S (1BI14TE012)		
15	<b>B.E.,</b> (Electronics & Instrumentation Engineering)	Image Recognition using Convolution Neural Networks	1	Naveen R (1BI14EI021)	Dr M B Meenavathi	5000
			2	Siddharth Hareendran (1BI14EI045)		
16	<b>B.E.,</b> (Electronics & Instrumentation Engineering)	Mental Health Level Forecasting using Brain Signal Processing	1	Aditya Maheshwari (1BI14EI002)	Dr H N Suresh	5000
			2	Pushpa Kumari (1BI14EI027)		
			3	Shreya Srivasatava (1BI14EI040)		
			4	Sudipta Ranjan (1BI14EI048)		
17	<b>B.E.,</b> (Industrial	IMPROVING	1	ADITYA (1BI13IM002)	Prof. V S Giri	5000

	Engineering & Management)	EMPLOYEE PRODUCTIVITY USING A QUALITATIVE AND QUANTITATIVE APPROACH	2	HANUSHANTH REDDY (1BI14IM013)		
			3	PRANAV SHANKARAN (1BI14IM030)		
			4	VISHWAS G M (1BI14IM052)		
18	<b>B.E.</b> , (Industrial Engineering & Management)	VALUE ANALYSIS OF A WHEELCHAIR	1	AKASH KUMAR MISHRA (1BI15IM002)	Dr. N. J. KRISHNA PRASAD	5000
			2	ANKITHA P (1BI15IM005)		
			3	KRUTHIKA MADHUSUDHAN (1BI15IM022)		
			4	PRATHIK PATEL (1BI15IM029)		

**Year: 2014-15**

**Funding Agency:** The Institution of Engineers (India), Kolkata

Sl.No.	Name of the Students	Name of the Guide/Co-guide	Dept.	Funding Agency	Sanctioned Letter Number with date	Project Title	Duration of the Project	Total Sanctioned Amount	Status of the Projects
1	Mayur Pavan Kumar	Dr.Reddappa H.N.	ME	The Institution of Engineers (India)	Ref. No. PROJECT ID-RDUG2015031	Processing, Characterization and Machinability Properties of Nano Particulate Reinforced Aluminum/Red Mud (Industrial waste) Composites	2014-15	20000.00	Completed