



K.S. INSTITUTE OF TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE&ENGINEERING
FUNDED PROJECTS
(2020-21)

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
https://drive.google.com/drive/u/5/folders/1xKOFH0P_A167heiSd5enUxa4moMgJka-								
1	April 2021	KSCST SPP-44 Series	Reading physical book for visually impaired person through voice over navigation system	Dr. Ram P Rustagi	AmoghaManjunatha K Sakshi Kumari Srikala K M Swati Pai	6 Months	6000/-	Completed
2	Sep 2021	VTU Financial Assistance for Innovative Projects of Final Year UG Students	Be My Book - You hear what you choose to read	Dr. Ram P Rustagi	AmoghaManjunatha K Sakshi Kumari Srikala K M Swati Pai	6 Months	5000/-	Completed
3	Sep 2021	VTU Financial Assistance for Innovative Projects of Final Year UG Students	Voice Based E-Prescription	Dr. Rekha B Venkatapur	Krithika Jagannath Abhishek Gowda MV Meghana G Ashish Amar	6 Months	5000/-	Completed
Total							16,000/-	

K.S. INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
FUNDED PROJECTS
(2020-21)

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	April 2021	KSCST SSP-44 Series	Photovoltaic Dual Purpose Thermo Electric Refrigerator	Mrs. Sangeetha V	Pavan Prasad R, Mohammed Sadath, Yashas R, Mahadeva G R	6 Months	5000/-	Completed
2	Sep 2021	VTU Financial Assistance for Innovative Projects of Final Year UG Students	Hybrid Temperature Sensing and Monitoring System With Built in Sanitiser	Dr.PN.Sudha	Navin Kumar H G Navya S Pratima P Agnihotri Pratima V Kashyap	6 Months	5000/-	Completed
3	Sep 2021	VTU Financial Assistance for Innovative Projects of Final Year UG	Smart Heart Health Predictor Powered by	Mrs. Jayasudha BSK	Rachana S Sahana V Anagha Kashyap	6 Months	5000/-	Completed

		Students	ML		Anusha L			
						Total	15,000/-	

K.S. INSTITUTE OF TECHNOLOGY
DEPARTMENT OF MECHANICAL ENGINEERING
FUNDED PROJECTS
(2020-21)

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
	https://drive.google.com/drive/folders/1dIw1BzgI3cCyLWIXEvlqKk6rb58viZ_b?usp=sharing							
1	April 2021	KSCST SSP-44 Series	Fabrication of Portable Shredding and Composting Device for Kitchen & Garden Waste	Mr.Prasad k	Mr.ANIRUDH BHARADWAJ Mr.BHARATH KUMAR G Mr.GANAPATHI MANJUNATH H Mr.GANESH KUMAR NARAYAN H	6 Months	6000/-	Completed
2	April 2021	KSCST SSP-44 Series	Fabrication & Performance testing of portable Archimedes screw micro hydro generator	Mr.Prasad k	Mr.R.Gokul Mr.Rajath N.R Mr.Satwik shivaram bhat Mr.Shashank L	6 Months	6000/-	Completed
3	April 2021	KSCST SSP-44 Series	Design & Development of zero lag turbocharger to increase engine efficiency and to reduce air pollution	Mr. Anil Kumar A	Mr.DARSHAN BS Mr.ABHILASH KS Mr.ASIF K Mr.PRAKASH Y	6 Months	6500/-	Completed
4	April 2021	KSCST SSP-44 Series	Automatic disinfectant system	Mr.Gautham S	Mr.PUNEETH GOWDA.N Mr.SHASHI KIRAN Mr.SKANDA.S Mr.SOWRAV.A	6 Months	6000/-	Completed
5	Sep 2021	VTU Financial Assistance for Innovative Projects of Final Year UG Students	Design and fabrication of multipurpose agriculture machine	Dr.Nirmala L	Mr.SHREYAS S Mr.SHRI HARSHA P Mr.SANTHOSH G Mr.R JAI KRISHNA	6 Months	5000/-	Completed
6	Sep 2021	VTU Financial Assistance for Innovative Projects of Final Year UG Students	Detection of surface irregularities using delta robot	Mr.Bharath kumar	Mr.SHARATH R CHAWAN Mr.YASHAS GV Mr.V VINAY Mr.MANOJ M	6 Months	5000/-	Completed
						Total	3,15,00/-	

K.S.INSTITUTE OF TECHNOLOGY
DEPARTMENT OF TELECOMMUNICATION ENGINEERING
2020-21

LIST OF FUNDED PROJECTS

KSCST – 2020-21

SL. NO	USN	Student Name	Title of the project	Project Guide	Amount Sanctioned
1	1KS17TE001	Anusha H	Media Forensics using Image Processing Techniques	Dr. Chanda V Reddy	5,500/-
	1KS17TE006	Dhanush N			
	1KS17TE018	Madhushree T P			
	1KS17TE023	Nischay P			
2	1KS17TE005	Dhananjay Kumar	Zero Contact Delivery for Faster and Safer Delivery Through IOT	Dr. Rekha N	5,500/-
	1KS17TE027	Prajwal			
	1KS17TE032	Ravitej K			
	1KS17TE049	Yashaswi Bhat			

VTU – 2020-21

SL. NO	USN	Student Name	Title of the project	Project Guide	Amount Sanctioned
1	1KS17TE009	Gowthami V	GSM based baby monitoring and automatic swing system	Mr. Satish Kumar B	5,000/-
	1KS17TE015	Kavya S S			
	1KS17TE022	Nayana shree R C			
	1KS17TE036	Sai teshal P T			
2	1KS17TE002	Apoorva P M	Ingenious helmet with bike system	Mr. Dileep J	5,000/-
	1KS17TE035	Sahana.R			
	1KS17TE029	Rachana Giliyal			



Government of Karnataka

Vision Group on Science and Technology

Department of Information Technology, Biotechnology and Science & Technology
4th Gate, 7th Floor, M.S. Building, Dr. Ambedkar Veedhi, Bengaluru - 560 001
Phone : 080-2203 2013, E-mail : visiongroup.st@gmail.com, Website : www.vgst.in

Dr. S.G. Sreekanteswara Swamy, Ph.D.
Consultant

No: VGST/RGS-F/GRD-907/2019-20/2020-21/198

Date: 10.11.2020

To,
Dr. Surekha Borra
Professor
Department of Electronics and Communication Engineering,
K.S. Institute of Technology,
No.14, Raghuvanahalli, Kanakapura Main Road,
Bengaluru - 560 109.

Dear Sir/Madam,

Sub: Intimation regarding the selection of the project under RGS/F scheme of VGST for
FY 2019-20 – reg.

Greetings from the Department of Science and Technology, GoK & KSTePS and VGST,

We are directed to inform you that your proposal entitled “**Development of Bioinspired Algorithms for Real Time Piracy Detection Systems based on Thermogram Analysis**” Submitted under the VGST scheme of RGS-F for the financial year 2019-2020 has been approved by the Government based on the recommendations of the Selection Committee, Vision Group on Science and Technology under the Chairmanship of Bharat Ratna Prof. CNR Rao, Honorary President, JNCASR.

The grant will be released to the Head of the institution by KSTePS. The Principal Investigator and Co Principal Investigator shall be responsible for completion of the stated objectives of the project. The Principal Investigator through the Institution Head shall have to submit the progress report once in three months without fail. The grant shall be used only for the purpose described in the grant application by following due procedures of KTPP Act.

The Government may terminate the grant at any stage, if it is not convinced about the proper utilization of grant and progress made. The total amount released or any unspent balance with accrued interest must be returned back to VGST. Any publications or other dissemination arising from research supported by VGST grants should be properly acknowledged.

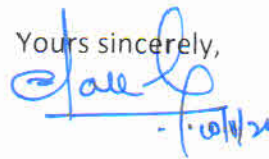
A Memorandum of Agreement (MoA) is enclosed and same to be duly signed on Rs. 100/- stamp paper and submit to VGST before 25th November, 2020.

The sanctioned grant will be sent through NEFT/RTGS to your institution. Hence, it is requested to send the following details on your intuitional letter head, sealed and signed by the authorized signatory, by post. A scanned copy of the same may also be sent to visiongroup.st@gmail.com

1. Account Name
2. Account Number
3. IFSC Number
4. Name of the Bank
5. Branch

We would like to personally congratulate and greet you for being selected for VGST program and we wish you a great success in the implementation of the project. For all your future correspondence, you may contact VGST office.

Thanking you and best regards,

Yours sincerely,

- 05/11/20

CC:

- 1) The Principal, K.S. Institute of Technology, No.14, Raghuvanahalli, Kanakapura Main Road, Bengaluru - 560 109.
- 2) The Deputy Secretary to Govt., Dept. of Science and Technology, Room No. 305, 5th Floor, 5th Stage, M.S. Building, Dr. Ambedkar Veedhi, Bengaluru -560 001.
- 3) The Managing Director, Karnataka Science and Technology Promotion Society, Vijnana Bhavana, 3rd Floor, 24/2, 21st Main Road, Banashankari 2nd Stage, Bengaluru- 560070.
- 4) Mr. Sunil Kumar G R, Asst. Professor, Dept. of Electronics and Communication Engineering, K.S. Institute of Technology, No.14, Raghuvanahalli, Kanakapura Main Road, Bengaluru - 560 109.



Government of Karnataka

Vision Group on Science and Technology

Department of Information Technology, Biotechnology and Science & Technology
4th Gate, 7th Floor, M.S. Building, Dr. Ambedkar Veedhi, Bengaluru - 560 001
Phone : 080-2203 2013, E-mail : visiongroup.st@gmail.com, Website : www.vgst.in

Dr. Surekha B
19/2

Dr.S.G.Sreekanteshwara Swamy,Ph.D.,
Consultant

No /VGST/GRD -907 /2019-20/2020-21/ 290

Date: 11-02-2021

The Principal,
K.S. Institute of Technology,
No.14, Raghuvanahalli, Kanakapura Main Road,
Bengaluru - 560 109.

Dear Sir/Madam,

Subject :Approval for the submission of PART-A, the purchase of equipment GRD-907.

With reference to the approval of GRD No-907 -Dr.Surekha Borra, Professor, Department of Electronics and Communication Engineering, K.S. Institute of Technology, No.14, Raghuvanahalli, Kanakapura Main Road, Bengaluru ,under the scheme RGS/F was sanctioned the project entitled "Development of Bioinspired Algorithms for Real Time Piracy Detection Systems based on Thermogram Analysis" and released the grant of Rs 3.00 lakh for one-time grant in the FY:2019-20 through RTGS (UTR No: SBINR52021011907253053 Dt: 19.01.2021).

As submitted the PART-A by the Grantee institution requesting for the purchase of Equipment for the one -time grant and the details are as follows.

Sl. No	The PART -A under Non -Recurring (ETP) Budget as submitted by the Grantee Institution	Unit Price x No.of units (in Rs)	Amount (Rs) in lakhs
1	Thermal imager	1,50,000x1	1,50,000
2	workstation	1,20,000x1	1,20,000
		Total ETP	2,70,000
	Manual tendering process: (MTP)		
1	NIL	--	--
		Total Amount ETP	2,70,000

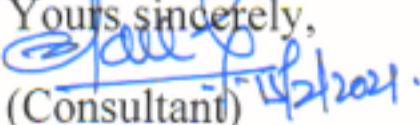
The one-time grant – Recurring Budget Details for the FY: 2019-20:

Sl .No	The PART –A under Recurring Budget as submitted by the Grantee Institution	Amount (Rs)
1	Chemicals, Glass wear, plastic wears, Biological specimens.	--
2	Electrical & Electronics spare parts/any other related items	10,000
3	Mechanical Spare parts / any other related items	5,000
4	Contingency	15,000
5	Books & Journal	--
Total		30,000

The PART – A details as submitted by the Grantee Institution and approved by VGST are as follows.

Particulars	Amount (in Rs.)
Grant Amount for the FY 2019-20	3,00,000
TOTAL	3,00,000
Non-Recurring:	
E-Tendering (ETP)	2,70,000
M-Tendering (MTP)	--
TOTAL (A)	2,70,000
Recurring	
Contingency and consumables	30,000
TOTAL (B)	30,000
Approval by VGST (PART - A submitted by GI / PC) TOTAL (A) + (B)	3,00,000
BALANCE AMOUNT NOT APPROVED	0.0

As mentioned in the procurement (PART-A), document MoA, Guidelines, terms and conditions the institution may purchase the equipments through E-Tendering and Manual Tendering Process. Please do not deviate from the KTPP Act for the procurement of equipments. Please submit the PART-B and Progress Report (PART-C) after the purchase is completed to the VGST office. Once again request you to follow the MoA, Guidelines, Terms and conditions strictly while executing the project. The necessary formats are available in the VGST website: <http://vgst.in/downloads.php> This is for your kind perusal.

With thanks and regards,
Yours sincerely,

(Consultant)

CC : Dr.Surekha Borra, Professor, Department of Electronics and Communication Engineering, K.S. Institute of Technology, No.14, Raghuvanahalli, Kanakapura Main Road, Bengaluru - 560 109.

CC: Mr.Sunil Kumar G R, Asst.Professor, Dept. of ECE Engineering, K.S. Institute of Technology, No.14, Raghuvanahalli, Kanakapura Main Road, Bengaluru - 560 109.

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

Website: <http://www.ksbst.iisc.ernet.in/spp.html> || Email: spp@ksbst.iisc.ernet.in || Phone: 080-23341652, 23348840/48/49

Series of Student Project Programme: 2020-21

List of Student Project Proposals Approved for Sponsorship

K.S. INSTITUTE OF TECHNOLOGY, BENGALURU								
Sl. No.	PROJECT REFERENCE No.	PROJECT TITLE	BRANCH	COURSE	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	SANCTIONED AMOUNT (IN Rs.)	Bank A/C Details
567.	44S_BE_2122	MEDIA FORENSICS AND DEEP FAKES	TELECOMMUNICATION ENGINEERING	B.E.	Dr. CHANDA VREDDY	Ms.MADHUSHREE T P Ms. ANUSHA H Mr. NISCHAY P Mr. DHANUSH N	5000.00	Canara bank , Tyamagondlu, A/C No.:0436108025867 IFSC Code: CNRB0000436
568.	44S_BE_2127	ZERO CONTACT DELIVERY SYSTEM FOR FASTER AND SAFER DELIVERY THROUGH IOT	TELECOMMUNICATION ENGINEERING	B.E.	Dr. REKHA N	Mr. DHANANJAYA KUMAR S Mr. PRAJWAL AJAY Ms. YASHASVI BHAT Mr. RAVITEJ K	6000.00	A/C No.: 1331155000025291 IFSC KVBL0001331
569.	44S_BE_2133	FABRICATION OF PORTABLE SHREDDING AND COMPOSTING DEVICE FOR KITCHEN AND GARDEN WASTE.	MECHANICAL ENGINEERING	B.E.	Prof. K PRASAD	Mr. ANIRUDH BHARADHWAJ K Mr. BHARATH KUMAR G Mr. GANAPATI MANJUNATH HEGDE Mr. GANESHKUMAR NARAYAN HEGDE	6000.00	A/c # 612500104286801 IFSC KARB0000061
570.	44S_BE_2134	DESIGN AND DEVELOPMENT OF ZERO LAG TURBOCHARGER TO INCREASE ENGINE EFFICIENCY AND TO REDUCE AIR POLLUTION	MECHANICAL ENGINEERING	B.E.	Prof. ANILKUMAR A	Mr. DARSHAN B S Mr. ASIF K Mr. ABHILASH K S Mr. PRAKASH Y	6500.00	A/c # 594120000109 IFSC CNRB0000594
571.	44S_BE_2136	AUTOMATIC DISINFECTANT SYSTEM	MECHANICAL ENGINEERING	B.E.	Mr. GAUTHAM S	Mr. PUNEETH GOWDA N Mr. SOWRAV A Mr. SKANDA S Mr. SHASHKIRAN S	6000.00	A/c # 50100251282400 IFSC HDFC0004183
572.	44S_BE_2140	READING A PHYSICAL BOOK FOR A VISUALLY IMPAIRED PERSON THROUGH VOICEOVER NAVIGATION SYSTEM	COMPUTER SCIENCE AND ENGINEERING	B.E.	Dr. RAM P RUSTAGI	Ms. SRIKALA K M Ms. SWATI PAI Ms AMOGHA MANJUNATHA K Ms. SAKSHI KUMARI	6000.00	A/C # 04152210002861 IFSC CNRB0010415

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

Website: <http://www.kscst.iisc.ernet.in/spp.html> || Email: spp@kscst.iisc.ernet.in || Phone: 080-23341652, 23348840/48/49

Series of Student Project Programme: 2020-21

List of Student Project Proposals Approved for Sponsorship

573.	44S_BE_2202	PHOTOVOLTAIC DUAL PURPOSE THERMOELECTRIC REFRIGERATOR	ELECTRONIC S AND COMMUNICATION ENGINEERING	B.E.	Mrs. V SANGEETHA	Mr. PAVANPRASAD.R Mr. MOHAMMED SADATHMr. MAHADEVA G.R Mr. YASHAS R	5000.00	A/c # 20017395615 IFSC SBIN0006767
574.	44S_BE_2206	FABRICATION AND PERFORMANCE TESTING OF PORTABLE ARCHIMEDES SCREWMICRO-HYDRO GENERATOR	MECHANICAL ENGINEERING	B.E.	Mr. K PRASAD	Mr. R GOKUL Mr. RAJATH N R Mr. SATWIK SHIVARAM BHATT Mr. SHASHANK L	6000.00	A/c # 2753131004505 IFSC CNRB0002753
575.	44S_BE_3757	IOT BASED AMBULATORY BAG MECHANICAL VENTILATOR	TELECOMMUNICATION ENGINEERING	B.E.	Dr. CHANDA VREDDY	Ms. PRIYANKA S Ms. NISHA DEEPAK Mr. VADHIRAJ R	5500.00	State Bank of India, ISRO layout Branch, A/C No.: 37018494292 IFSC Code: SBIN0011351

Note:

- Transaction details of sanctioned amount of **Rs. 52000/-** credited on **28th May 2021** by **NEFT DR- P148210110028871-KS IT OF TECH BLORE- UTIB0001513- BLR IISc**.
- The evaluation of above projects will be conducted during July / August 2021 via online mode and participation in the online evaluation process is mandatory, failing to which the sanctioned project will be withdrawn from the list and sanctioned amount shall be returned to KSCST.
- Submit **softcopy of Synopsis in pdf (as per the format preferred in the KSCST website) and report (PDF format in a single file)** of project by **20th July 2021**, which will be uploaded in **KSCST SPP portal**. Synopsis and report must be named with Reference ID provided by KSCST (Eg: **44S_BE_0001**).



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

("ವಿಜಯ ಅಧಿನಿಯಮ ೧೯೯೪" ರ ಅಡಿಯಲ್ಲಿ ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ)
'ಜ್ಞಾನ ಸಂಗಮ', ಬೆಳಗಾವಿ - ೫೯೦ ೦೧೮ ಕರ್ನಾಟಕ ರಾಜ್ಯ

Visvesvaraya Technological University

(State University of Government of Karnataka Established as per the VTU Act, 1994)
"Jnana Sangama", Belagavi-590 018, Karnataka State, India

Prof. A. S. Deshpande B.E., M.Tech., Ph.D.
REGISTRAR

Phone: (0831) 2498100
Fax: (0831) 2405467

Ref: VTU/Aca./A4/2021-22/2628/43

Date: 20 SEP 2021

To,

The Principal,
K.S. Institute of Technology # 14,
Raghuvanahalli, Kanakapura Road,
Bengaluru - 560109.

Sir,

Sub: Sanction of Financial Assistance for 2020-21 to the
Innovative Project of UG Final Year students of your Institution..reg.
Ref: No.VTU/BGM/PS/2021-22/545, dated 06.05.2021

With reference to the above subject, please find herewith a D.D Bearing "No 643628,
dated 13.09.2021 of Rs. 40,000/- (Rupees Forty Thousand Only) towards the sanction of financial
assistance to the selected Innovative projects of UG final year students of BE / B.Tech.

Further, you are hereby informed to distribute the amount to the concerned students and
get an acknowledgement for the same.

Original copy of the acknowledgements should be submitted to the undersigned on or
before 30th September 2021.

Encl: as above

REGISTRAR
10/9/21

To Shri/Dr. Sudarshan

28/9/21

Mrs. E.M.
M. Gowtham B: 18/9/21
for collection