

ANNEXURE 5.7.2

# **K.S. INSTITUTE OF TECHNOLOGY**

*#14, Raghuvanahalli, Kanakapura main Road, Bengaluru – 560 109*



**Department of Computer Science & Engineering**

**Research and Development**

**Sponsored Research Project Details**

# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

Website: www.kscst.org.in || Email: spp@kscst.org.in || Tel: 080-2334 1652,2334 8848/49/40

## 45<sup>th</sup> series of Student Project Programme (SPP): 2021-22

### List of Student Project Proposals Approved for Sponsorship

#### 81. K.S. INSTITUTE OF TECHNOLOGY, BENGALURU

SI. No.	PROJECT REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	SANCTIONED AMOUNT (IN RS.)
595.	45S_BE_3043	TAMPER-PROOF AIR QUALITY MANAGEMENT SYSTEM	B.E.	COMPUTER SCIENCE AND ENGINEERING	Dr. VANEETA M	Ms. ASHWINI J Ms. KRUTHIKA S VASISHT Ms. NIKITHA M Ms. SRIVIDYA H.R.	3,500.00
596.	45S_BE_2565	DRONE SANITIZER	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mrs. V SANGEETHA	Ms. MEGHA R Ms. ANAGHA S Ms. ANANYA ANANTH Ms. ASHRITHA SC	8,000.00
597.	45S_BE_3156	CROWD MANAGEMENT FRAMEWORK FOR DEPARTURE CONTROL IN BUS TRANSPORT SERVICE USING IMAGE PROCESSING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. REKHA N	Mr. MAHANTH SAI M Ms. ADITHI S Ms. DHRITHIRHUTH RAJANNA Ms. K RISHIKA RAVI	7,000.00
598.	45S_BE_3227	SMART MANHOLE MANAGEMENT SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Ms. POOJA S	Mr. SHREYAS D R Mr. P SAI GOVARDHAN Mr. PARIKSHITH S Mr. RAM BAHADUR MAHARA	7,000.00
599.	45S_BE_3291	THE ORADOR SMART COMMUNITY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	MR. SANTHOSH KUMAR B R	Ms. JANHAVI K P Ms. MONISHA B R Ms. NIHARIKA S A Ms. SHREYA V DEV	7,000.00
600.	45S_BE_3504	INTELLIGENT PACKAGING SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. PRAVEEN A	Mr. HARSH SHARMA Mr. RAJ KRISHNA Mr. DINESH KUMAR NAYAK Mr. G J NITHIN	7,000.00
601.	45S_BE_3570	AUTOMATED CROWD MANAGEMENT AND ENERGY CONSERVATION SYSTEM IN METRO USING IOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Mr. SAMPATH KUMAR S	Ms. CHITHRITHA G R Ms. DHANUSHREE C Ms. HARSHITHA S Ms. MEGHANA B S	7,000.00
602.	45S_BE_4069	FABRICATION OF SONAR GLASSES FOR VISUALLY IMPAIRED PEOPLE	B.E.	MECHANICAL ENGINEERING	Mr. RAJESH G L	Mr. HARISH B Mr. DARSHAN G Mr. K JEEVAN KUMAR Mr. MANOJ A	6,000.00



# Karnataka State Council for Science and Technology

(An autonomous organisation under the Dept. of Science & Technology, Govt. of Karnataka)

Indian Institute of Science Campus, Bengaluru – 560 012

Telephone: 080-23341652, 23348848, 23348849, 23348840

Email: office.kscst@isc.ac.in, office@kscst.org.in • Website: www.kscst.iisc.ernet.in, www.kscst.org.in

## Dr. U T Vijay

Executive Secretary

24th April, 2023

Ref: 7.1.01/SPP/33

To,  
The Principal,  
K.S. Institute of Technology,  
No.14, Raghuvanahalli, Kanakapura Main Road,  
Bengaluru – 560 062.

Dear Sir/Madam,

Sub : Sanction of Student Project - 46th Series: Year 2022-2023

**Project Proposal Reference No. : 46S\_BE\_5333**

Ref : Project Proposal entitled **BLOOD DONATION SYSTEM USING BLOCKCHAIN**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 46th Series". The project details are as below:

<b>Student(s)</b>	Mr. R V YASHVANTH	<b>Department</b>	COMPUTER SCIENCE AND ENGINEERING
	Ms. SAHANA S		
	Mr. NAVEEN K M		
	Mr. RAKESH M J		
<b>Guide(s)</b>	Prof. PRASHANTH H S	<b>Sanctioned Amount (in Rs.)</b>	5,000.00

### Instructions:

- The project should be performed based on the objectives of the proposal submitted.
- Any changes in the project title, objectives or students team is liable for rejection of the project and your institution shall return the sanctioned funds to KSCST.
- Please quote your project reference number printed above in all your future correspondences.
- After completing the project, 2 to 3 page write-up (synopsis) needs to be uploaded on to the following Google Forms link <https://forms.gle/nWTaJjvrvzp3Wmvt6>. The synopsis should include following:
  - Project Reference Number
  - Title of the project
  - Name of the College & Department
  - Name of the students & Guide(s)
  - Keywords
  - Introduction / background (with specific reference to the project, work done earlier, etc) - about 20 lines
  - Objectives (about 10 lines)

**46S\_BE\_5333**

- 8) Methodology ( about 20 lines on materials, methods, details of work carried out, including drawings, diagrams etc)
  - 9) Results and Conclusions (about 20 lines with specific reference to work carried out)
  - 10) Scope for future work (about 20 lines).
- e) In case of incometed projects, the sanctioned amount shall be returned to KSCST.
  - f) The sanctioned amount will be transferred by NEFT to the bank account provided by the College/Institute.
  - g) The sponsored projects evaluation will be held in the Nodal Centre/Online Mode and the details of the same will be intimated shortly by email / Website announcement.
  - h) After completion of the project, soft copy of the project report duly signed by the Principal, the HoD, Guide(s) and studetn(s) shall be uploaded in the following Google Forms Link <https://forms.gle/YWz56TrGg7fnSQgc7>. The report should be prepared in the format prescribed by the university.

Please visit our website for further announcements / information and for any clarifications please email to [spp@kscst.org.in](mailto:spp@kscst.org.in)

Thanking you and with best regards,

Yours sincerely,



(U T Vijay)

Copy to:

- 1) The HoD  
COMPUTER SCIENCE AND ENGINEERING  
K.S. INSTITUTE OF TECHNOLOGY, BENGALURU
- 2) Prof. PRASHANTH H S  
COMPUTER SCIENCE AND ENGINEERING  
K.S. INSTITUTE OF TECHNOLOGY, BENGALURU
- 3) THE ACCOUNTS OFFICER  
KSCST, BENGALURU



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**Dr. U T Vijay**  
Executive Secretary

24th April, 2023

Ref: 7.1.01/SPP/33

To,  
The Principal,  
K.S. Institute of Technology,  
No.14, Raghuvanahalli, Kanakapura Main Road,  
Bengaluru – 560 062.

Dear Sir/Madam,

Sub : Sanction of Student Project - 46th Series: Year 2022-2023

**Project Proposal Reference No. : 46S\_BE\_1801**

Ref : Project Proposal entitled **GAMIFIED LEARNING FOR TEACHING PROGRAMMING CONCEPTS**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 46th Series". The project details are as below:

<b>Student(s)</b>	Mr. AQSA AQEEL	<b>Department</b>	COMPUTER SCIENCE AND ENGINEERING
	Ms. MAHAK SHREE		
	Ms. ASHIKA H.N.		
	Ms. AAKRITI		
<b>Guide(s)</b>	Dr. VIJAYLAXMI MEKALI	<b>Sanctioned Amount (in Rs.)</b>	5,000.00

### Instructions:

- The project should be performed based on the objectives of the proposal submitted.
- Any changes in the project title, objectives or students team is liable for rejection of the project and your institution shall return the sanctioned funds to KSCST.
- Please quote your project reference number printed above in all your future correspondences.
- After completing the project, 2 to 3 page write-up (synopsis) needs to be uploaded on to the following Google Forms link <https://forms.gle/nWTaJjvrvzp3Wmvt6>. The synopsis should include following:
  - Project Reference Number
  - Title of the project
  - Name of the College & Department
  - Name of the students & Guide(s)
  - Keywords
  - Introduction / background (with specific reference to the project, work done earlier, etc) - about 20 lines
  - Objectives (about 10 lines)

**46S\_BE\_1801**

- 8) Methodology ( about 20 lines on materials, methods, details of work carried out, including drawings, diagrams etc)
  - 9) Results and Conclusions (about 20 lines with specific reference to work carried out)
  - 10) Scope for future work (about 20 lines).
- e) In case of incometed projects, the sanctioned amount shall be returned to KSCST.
  - f) The sanctioned amount will be transferred by NEFT to the bank account provided by the College/Institute.
  - g) The sponsored projects evaluation will be held in the Nodal Centre/Online Mode and the details of the same will be intimated shortly by email / Website announcement.
  - h) After completion of the project, soft copy of the project report duly signed by the Principal, the HoD, Guide(s) and studetn(s) shall be uploaded in the following Google Forms Link <https://forms.gle/YWz56TrGg7fnSQgc7>. The report should be prepared in the format prescribed by the university.

Please visit our website for further announcements / information and for any clarifications please email to [spp@kscst.org.in](mailto:spp@kscst.org.in)

Thanking you and with best regards,

Yours sincerely,



(U T Vijay)

Copy to:

- 1) The HoD  
COMPUTER SCIENCE AND ENGINEERING  
K.S. INSTITUTE OF TECHNOLOGY, BENGALURU
- 2) Dr. VIJAYLAXMI MEKALI  
COMPUTER SCIENCE AND ENGINEERING  
K.S. INSTITUTE OF TECHNOLOGY, BENGALURU
- 3) THE ACCOUNTS OFFICER  
KSCST, BENGALURU



**KSIT**  
AN INSTITUTE OF TECHNOLOGY

ಕೆ.ಎಸ್. ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯ

# K.S. INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi; Affiliated to VTU, Belagavi, Karnataka; Accredited by NAAC

# 14, Raghuvanahalli, Kanakapura Road, Bengaluru - 560 109.

Tel : 080 28435722 / 24, Fax : 080 28435723

E-mail : principal.ksit@gmail.com / principal@ksit.edu.in | Website : www.ksit.edu.in

Date: 12<sup>th</sup> July 2022


Sub: Submission of BE student project proposals for financial assistance during 2021-22

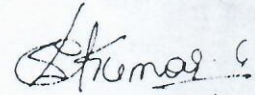
Dear Sir,

With reference to VTU circular dated 7<sup>th</sup> JUNE, 2022 regarding financial assistance to BE student projects, the Institute has conducted Online Project selection Committee meeting on 1<sup>st</sup> July 2022 in presence of VTU Nominee Mr. Brijesh C. from Kalpataru Institute of Engg. Tiptur and selected two best projects from each department.

Following is the list of selected projects from all the departments.

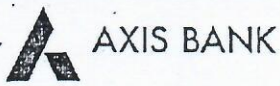
Sl No	Project title	Guide	Department
1.	Hand Gesture Recognition for Differently abled people	Dr. Deepa S R	Computer Science Engg.
2.	People following trolley	Mr. Sanjoy Das	Computer Science Engg.
3.	Sign language to text & vice-versa using embedded system	Mr. S. Christo Jain Assistant Professor	Electronics & Communication Engg.
4.	Smart wheel chair for aged people with e-health monitoring system	Dr. P.N Sudha Professor	Electronics & Communication Engg.
5.	Design and fabrication of low cost mechanical ventilator	Dr. Nirmala L.	Mechanical Engg.
6.	Experimental and numerical investigation on acoustic behaviour of cylindrical shell structures	Mr. Anil Kumar A	Mechanical Engg.
7.	Attendance monitoring system using face recognition with temperature sensor	Dr. Dinesh Kumar D S	Telecommunication Engg.
8.	Wild life animal tracking and monitoring system	Dr. Chanda V Reddy	Telecommunication Engg.

  
Dr. B. SUDARSHAN  
Project Committee Coordinator


  
Principal

Enclosures:

1. Proceedings of Project Selection Committee meeting (Online-DVD).
2. Department proceedings
3. Annexures of the selected projects
4. NDI from VTU Nominee
5. VTU affiliation letter, 2021-22



STATEMENT BETWEEN 25/04/2023 AND 25/04/2023 FOR A/C: 912010

(1513)   
MS. KAMMAVARI SANGHAM  
#14, RAGUVANAHALLI, KANAKAPURA MAIN ROAD,  
BANGALORE  
BANGALORE  
KARNATAKA , INDIA  
PIN :560062

SCHEME CODE : PLATINUM  
CUSTOMER ID : 843506376  
CURRENCY CODE : INR  
LIEN AMOUNT : 60000.01  
NOMINATION DETAIL: NOMINATI

Tran Date	Value Date	Transaction Particulars	Chq No	Debit	Cr
		OPENING BALANCE:			
25/04/2023	25/04/2023	UPI/P2A/311522178007/MAHADEVAR/State Ban/UPI			
25/04/2023	25/04/2023	UPI/P2A/311597738584/TALLURU /State Ban/1KS19CS			
25/04/2023	25/04/2023	RTGS/UBINR22023042501190757/K.S.INSTITUTE OF TECH			100
25/04/2023	25/04/2023	NEFT/SK/AXSK231150015283/1513/VISVESVARA/AXIS BAN	233726	3587980.00	
25/04/2023	25/04/2023	UPI/P2A/311583252603/NIRMALA R/Bank of B/UPI			10
25/04/2023	25/04/2023	TO Transfer/233725/rtgs/SPMP/18858650/48847188586	233725	48847.00	
25/04/2023	25/04/2023	TAX/18235848/1513010640001/250423/17:29	233724	12727.00	
25/04/2023	25/04/2023	TAX/18235855/1513010640001/250423/17:30	233722	5000.00	
TRANSACTION TOTAL :				3654324.00	1001
CLOSING BALANCE:					

Please click the link provided for GST details of Axis Bank -  
<http://campaign.axisbank.com/generic/Axis Bank GST Migration details.pdf>

Unless the constituent notifies the bank immediately of any discrepancy found by him/her in this statement of A/C that he/ she has found the account correct.

We would like to reiterate that, as a policy, Axis Bank does not ask you to part with/disclose/revalidate of your id and debit card number through emails OR phone calls. Further, we would like to reiterate that Axis Bank losses arising from you sharing/disclosing of your login id, password and debit card number to an forwarding all such suspicious/spam emails, if received by you, to customer.service@axisbank.com.

Deposit Insurance and Credit Guarantee Corporation (DICGC) insurance cover is applicable in all Banks' deposit (savings, current, fixed, recurring etc) up to maximum amount of Rs 5 Lakh including principal & interest both\* (\* or exceptions and details please refer <http://www.dicgc.org.in/>).

In compliance with regulatory guidelines, the non-CTS cheque books attached to the accounts would be destroyed in the banking System. Thus, Non CTS cheques will not be valid for CASH, Clearing and Transfer transactions.

NO 75-A GANAPATHY RAJA ENCLAVE , 100 FT RING ROAD, , 08026545005

REGISTERED OFFICE - AXIS BANK LTD, TRISHUL, Opp. Samartheswar Temple, Near Law Garden, Ellisbridge, A  
This is a system generated output and requires no signature.

\*\*\*\* End of Statement \*\*\*\*