



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_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:

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

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



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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:

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

Instructions:

- The project should be performed based on the objectives of the proposal submitted.
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 - Project Reference Number
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 - 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.
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Please visit our website for further announcements / information and for any clarifications please email to 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



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

"ವಿ ಟಿ ಯು ಅಧಿನಿಯಮ ೧೯೯೪" ರ ಅಡಿಯಲ್ಲಿ ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ

Visvesvaraya Technological University

(State University of Government of Karnataka Established as per the VTU Act, 1994)

"Jnana Sangama" Belagavi-590018, Karnataka, India

Prof. B.E. Rangaswamy Ph.D.

Phone(0831)2405468

Registrar

Fax: (0831)2405467

Ref. No. VTU/Aca/2022-23/06/73

Date: 3 APR 2023

To
The Principal
K.S. Institute of Technology , Bengaluru

Sir/Madam,

Sub: Sanction of Financial Assistance for 2021-2022 to the Innovative Project of UG Final Year Students of your Institution...reg.

Ref: 1) No. VTU/BGM/Aca/A-12/VTU-FA/2021-22/1366 dated 7-6-2022
2) Vice-Chancellor's Order dated 14-2-2023

With reference to the above, please find enclosed herewith **D.D. No. 473645180 dated 3/27/2023 (mm/dd/yyyy) for Rs.40000 /-** 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 distributed the amount to the concerned students and get an acknowledgement for the same.

Original copy of the acknowledgement should be submitted to the undersigned on or before April 10th 2023.

Encl: as above

To
SHO/Dr. Sudarshan

13/4/23

Yours faithfully,

BE

Registrar



ಕೆ.ಎಸ್. ಕಾಂತ್ರಿಕ 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: 12th July 2022


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

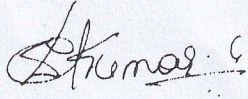
Dear Sir,

With reference to VTU circular dated 7th JUNE 2022 regarding financial assistance to BE student projects, the Institute has conducted Online Project selection Committee meeting on 1st 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



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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_2472

Ref : Project Proposal entitled **HYBRID POWER GRID BASED ON IOT**

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:

Student(s)	Mr. SRINIVASAN M	Department	ELECTRONICS AND COMMUNICATION ENGINEERING
	Ms. MONISHA B K		
	Ms. N ANILA		
	Ms. GAYATHRI P K		
Guide(s)	Dr. REKHA N	Sanctioned Amount (in Rs.)	4,000.00

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_2472

- 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).
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Thanking you and with best regards,

Yours sincerely,



(U T Vijay)

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K.S. INSTITUTE OF TECHNOLOGY, BENGALURU
- 2) Dr. REKHA N
ELECTRONICS AND COMMUNICATION ENGINEERING
K.S. INSTITUTE OF TECHNOLOGY, BENGALURU
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Bengaluru – 560 062.

Dear Sir/Madam,

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

Project Proposal Reference No. : 46S_BE_2437

Ref : Project Proposal entitled **VIRTUAL PEN**

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:

Student(s)	Mr. KRUTHIK S	Department	ELECTRONICS AND COMMUNICATION ENGINEERING
	Mr. AKSHAY KUMAR D		
	Mr. KASHYAP P		
	Ms. SNEHA N		
Guide(s)	Dr. REKHA N	Sanctioned Amount (in Rs.)	3,500.00

Instructions:

- The project should be performed based on the objectives of the proposal submitted.
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 - Title of the project
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 - 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_2437

- 8) Methodology (about 20 lines on materials, methods, details of work carried out, including drawings, diagrams etc)
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- e) In case of incometed projects, the sanctioned amount shall be returned to KSCST.
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Yours sincerely,



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- 2) Dr. REKHA N
ELECTRONICS AND COMMUNICATION ENGINEERING
K.S. INSTITUTE OF TECHNOLOGY, BENGALURU
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Bengaluru – 560 062.

Dear Sir/Madam,

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

Project Proposal Reference No. : 46S_BE_3521

Ref : Project Proposal entitled **FIRE FIGHTING ROBOT**

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:

Student(s)	Mr. NITHIN D	Department	ELECTRONICS AND COMMUNICATION ENGINEERING
	Mr. PAVAN KUMAR G R		
	Mr. PRAVEEN KUMAR N		
	Mr. PREETHAM G H		
Guide(s)	Mr. RAMYA K R	Sanctioned Amount (in Rs.)	4,000.00

Instructions:

- The project should be performed based on the objectives of the proposal submitted.
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 - Title of the project
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 - Keywords
 - Introduction / background (with specific reference to the project, work done earlier, etc) - about 20 lines
 - Objectives (about 10 lines)

46S_BE_3521

- 8) Methodology (about 20 lines on materials, methods, details of work carried out, including drawings, diagrams etc)
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Yours sincerely,



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- 2) Mr. RAMYA K R
ELECTRONICS AND COMMUNICATION ENGINEERING
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Dr. U T Vijay

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The Principal,
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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_4544

Ref : Project Proposal entitled **E-PASSPORT AUTHENTICATION USING IOT AND AI**

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:

Student(s)	Ms. SHAMITHA BIJOOR	Department	ELECTRONICS AND COMMUNICATION ENGINEERING
	Ms. SINCHANA M N		
	Ms. SUSHMITHA S		
	Ms. THEETHANA S R		
Guide(s)	Mr. SALEEM S TEVARAMANI	Sanctioned Amount (in Rs.)	4,000.00

Instructions:

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 - Objectives (about 10 lines)

46S_BE_4544

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- 2) Mr. SALEEM S TEVARAMANI
ELECTRONICS AND COMMUNICATION ENGINEERING
K.S. INSTITUTE OF TECHNOLOGY, BENGALURU
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24th April, 2023

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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_4060

Ref : Project Proposal entitled **NON-INVASIVE THYROID DETECTION**

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:

Student(s)	Ms. VANDANA S	Department	ELECTRONICS AND COMMUNICATION ENGINEERING
	Ms. SWATHI U		
Guide(s)	Prof. BHARGAVI ANANTH	Sanctioned Amount (in Rs.)	4,000.00
	Dr. B. SUDARSHAN		

Instructions:

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- 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.
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 - Introduction / background (with specific reference to the project, work done earlier, etc) - about 20 lines
 - Objectives (about 10 lines)

46S_BE_4060

- 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

Thanking you and with best regards,

Yours sincerely,



(U T Vijay)

Copy to:

- 1) The HoD
ELECTRONICS AND COMMUNICATION ENGINEERING
K.S. INSTITUTE OF TECHNOLOGY, BENGALURU
- 2) Prof. BHARGAVI ANANTH Dr. B. SUDARSHAN
ELECTRONICS AND COMMUNICATION ENGINEERING
K.S. INSTITUTE OF TECHNOLOGY, BENGALURU
- 3) THE ACCOUNTS OFFICER
KSCST, BENGALURU



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_3783

Ref : Project Proposal entitled **DESIGN AND FABRICATION OF SMART IRRIGATION SYSTEM USING IOT**

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:

Student(s)	Mr. JASHWANTH S	Department	MECHANICAL ENGINEERING
	Mr. SHREYAS B		
	Mr. SUJAY ADITHYA		
	Mr. THEJAS V R		
Guide(s)	Dr. GIRISH T R	Sanctioned Amount (in Rs.)	6,000.00

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_3783

- 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

Thanking you and with best regards,

Yours sincerely,



(U T Vijay)

Copy to:

- 1) The HoD
MECHANICAL ENGINEERING
K.S. INSTITUTE OF TECHNOLOGY, BENGALURU
- 2) Dr. GIRISH T R
MECHANICAL ENGINEERING
K.S. INSTITUTE OF TECHNOLOGY, BENGALURU
- 3) THE ACCOUNTS OFFICER
KSCST, BENGALURU



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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_3826

Ref : Project Proposal entitled **DESIGN AND CONSTRUCTION OF AN INTEGRATED DOMESTIC ORGANIC WASTE COMPOSTING DEVICE**

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:

Student(s)	Mr. SANJAY V	Department	MECHANICAL ENGINEERING
	Mr. ARUN KUMAR M		
	Mr. VENKATARAMANA G BHAT		
	Ms. CHARITHA S		
Guide(s)	Mr. RANAGANATH N	Sanctioned Amount (in Rs.)	6,000.00

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_3826

- 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

Thanking you and with best regards,

Yours sincerely,



(U T Vijay)

Copy to:

- 1) The HoD
MECHANICAL ENGINEERING
K.S. INSTITUTE OF TECHNOLOGY, BENGALURU
- 2) Mr. RANAGANATH N
MECHANICAL 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_4541

Ref : Project Proposal entitled **DESIGN AND FABRICATION OF SOLAR DRYER FOR ONION**

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:

Student(s)	Mr. JITHAN A	Department	MECHANICAL ENGINEERING
	Mr. HEMANTH K		
	Mr. MADHU V		
	Mr. NITESH S R		
Guide(s)	Dr. NIRMALA L	Sanctioned Amount (in Rs.)	6,000.00

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_4541

- 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.
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 - 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

Thanking you and with best regards,

Yours sincerely,



(U T Vijay)

Copy to:

- 1) The HoD
MECHANICAL ENGINEERING
K.S. INSTITUTE OF TECHNOLOGY, BENGALURU
- 2) Dr. NIRMALA L
MECHANICAL 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_4918

Ref : Project Proposal entitled **GENERATION OF ELECTRICAL ENERGY USING NEODYMIM MAGNETS IN DOUBLE CYLINDER ACTUATION**

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:

Student(s)	Mr. BHAVAN KASHYAP K	Department	MECHANICAL ENGINEERING
	Mr. ADVAIT SIDDANTH K V		
	Mr. TILAK P		
	Mr. VAISHNAV H		
Guide(s)	Prof. ANIL KUMAR A	Sanctioned Amount (in Rs.)	6,000.00

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_4918

- 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.
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Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.org.in

Thanking you and with best regards,

Yours sincerely,



(U T Vijay)

Copy to:

- 1) The HoD
MECHANICAL ENGINEERING
K.S. INSTITUTE OF TECHNOLOGY, BENGALURU
- 2) Prof. ANIL KUMAR A
MECHANICAL ENGINEERING
K.S. INSTITUTE OF TECHNOLOGY, BENGALURU
- 3) THE ACCOUNTS OFFICER
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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_5036

Ref : Project Proposal entitled **ELECTROPLATING OF DISC ROTOR WITH COPPER**

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:

Student(s)	Mr. NIHAL M L	Department	MECHANICAL ENGINEERING
	Mr. RAMACHANDRA S		
	Mr. ABHISHEK MANIKUMAR		
	Ms. ROJA G NAIK		
Guide(s)	Prof. NAGABHUSHANA M	Sanctioned Amount (in Rs.)	6,000.00

Instructions:

- The project should be performed based on the objectives of the proposal submitted.
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 - 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_5036

- 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

Thanking you and with best regards,

Yours sincerely,



(U T Vijay)

Copy to:

- 1) The HoD
MECHANICAL ENGINEERING
K.S. INSTITUTE OF TECHNOLOGY, BENGALURU
- 2) Prof. NAGABHUSHANA M
MECHANICAL ENGINEERING
K.S. INSTITUTE OF TECHNOLOGY, BENGALURU
- 3) THE ACCOUNTS OFFICER
KSCST, BENGALURU



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

"ವಿ ಟಿ ಯು ಅಧಿನಿಯಮ ೧೯೯೪" ರ ಅಡಿಯಲ್ಲಿ ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ

Visvesvaraya Technological University

(State University of Government of Karnataka Established as per the VTU Act, 1994)

"Jnana Sangama" Belagavi-590018, Karnataka, India

Prof. B.E. Rangaswamy Ph.D.

Phone(0831)2405468

Registrar

Fax: (0831)2405467

Ref. No. VTU/Aca/2022-23/06/73

Date: 3 APR 2023

To
The Principal
K.S. Institute of Technology , Bengaluru

Sir/Madam,

Sub: Sanction of Financial Assistance for 2021-2022 to the Innovative Project of UG Final Year Students of your Institution...reg.

Ref: 1) No. VTU/BGM/Aca/A-12/VTU-FA/2021-22/1366 dated 7-6-2022
2) Vice-Chancellor's Order dated 14-2-2023

With reference to the above, please find enclosed herewith **D.D. No. 473645180 dated 3/27/2023 (mm/dd/yyyy) for Rs.40000 /-** 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 distributed the amount to the concerned students and get an acknowledgement for the same.

Original copy of the acknowledgement should be submitted to the undersigned on or before April 10th 2023.

Encl: as above

To
SHO/Dr. Sudarshan

13/4/23

Yours faithfully,

BE

Registrar



ಕೆ.ಎಸ್. ಕಾಂತ್ರಿಕ 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: 12th July 2022


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

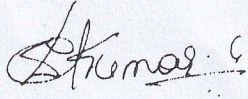
Dear Sir,

With reference to VTU circular dated 7th JUNE 2022 regarding financial assistance to BE student projects, the Institute has conducted Online Project selection Committee meeting on 1st 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