



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@iisc.ac.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Mr. H. Hemanth Kumar

Executive Secretary

24th April 2021

Ref: 7.1.01/SPP/10

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

Dear Sir/Madam,

Sub : Sanction of Student Project - 44th Series: Year **2020-2021**

Your Project Proposal Reference No. : 44S_BE_2140

Ref : Your Project Proposal entitled " **READING A PHYSICAL BOOK FOR A VISUALLY IMPAIRED PERSON THROUGH VOICE OVER NAVIGATION SYSTEM**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 44th Series" with a budgetary break-up as detailed below:

Student / s	Ms. Srikala K M	Budget	
		Particulars	Amount (Rs.)
	Ms. Swati Pai		
	Ms Amogha Manjunatha K	Materials/Consumables	4,000.00
	Ms. Sakshi Kumari	Labour	500.00
Guide/s	Dr. Ram P Rustagi	Travel	500.00
		Miscellaneous	500.00
Department	Computer Science And Engineering	Report	500.00
		Total	6,000.00
SIX THOUSAND RUPEES ONLY			

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- The project should be completed in all respects and softcopy of the full report in a CD (single file .pdf format only) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

- 6) Introduction / background
(with specific reference to the project, work done earlier, etc) - about 20 lines
- 6) Objectives (about 10 lines)
- 7) Methodology (about 20 lines)
(materials, methods, details of work carried out, including drawings, diagrams etc)
- 8) Results and Conclusions
(about 20 lines with specific reference to work carried out)
- 9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

The sanctioned amount will be sent to the Principal / Head of the Institute by NEFT details provided by the college/institution.

The sponsored projects evaluation will be held in the Nodal Centre /online platform and the details of the same will be intimated shortly by e-mail / Website announcement.

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

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to (by email):

- 1) Dr. B Sudarshan
SPP Coordinator
K.S. Institute Of Technology
No.14 Raghuvanahalli
Kanakapura Main Road
Bengaluru – 560 062
- 2) **Dr. Ram P Rustagi**
Department of Computer Science And Engineering
K.S. Institute Of Technology
No.14 Raghuvanahalli
Kanakapura Main Road
Bengaluru – 560 062
- 3) The Finance Officer, KSCST, Bangalore

Encl: As Above



K S Institute of Technology, Bangalore-109

Account details of VTU funded project teams for grants disbursal, Date – 01-10-2021

SL. NO	USN	Student Name	Title of the project	A,ount	Project Guide	Account details	
						Name	
1	1KS17EC075	Rachana S	Smart Heart Health Predictor Powered by ML	Rs 5000	Mrs Jayasudha B S K	Name	Anagha A Kashyap
	1KS17EC085	Sahana V				A/c #	0473101922501
	1KS17EC008	Anagha Kashyap				IFSC	CNRB0000473
	1KS17EC012	Anusha L				Bank branch	Canara bank , DVG Raod
2	1KS17EC062	Navin Kumar H G	Hybrid Temperature Sensing and Monitoring System With Built in Sanitiser	Rs 5000	Dr. P N Sudha	Name	PRATIMA V KASHYAP
	1KS17EC063	Navya S				A/c #	4623000100035132
	1KS17EC071	Pratima P Agnihotri				IFSC	PUNB0462300
	1KS17EC072	Pratima V Kashyap				Bank branch	PUNJAB NATIONAL BANK, BANASHANKARI
3	1KS17CS006	Amogha Manjunatha K	Voice Based E-Prescription	Rs 5000	Dr. Ram P Rustagi	Name	Srikala K M bhat
	1KS17CS071	Sakshi Kumari				A/c #	04152210002861
	1KS17CS083	Srikala K M				IFSC	CNRB0010415
	1KS17CS089	Swati Pai				Bank branch	Canara bank ,N R colony
4	1KS17CS036	Krithika Jagannath	Be My Book -You hear what you choose to read.	Rs 5000	Dr. Rekha B Venkatapur	Name	Ashish K Amar
	1KS17CS002	Abhishek Gowda MV				A/c #	33897083301
	1KS17CS042	Meghana G				IFSC	SBIN0009041
	1KS17CS013	Ashish Amar				Bank branch	SBI, Mico Layout, Bangalore
5	1KS17TE009	Gowthami V	Title of the Project: GSM based baby monitoring and automatic swing system	Rs 5000	Mrs Satish Kumar B	Name	Gowthami V
	1KS17TE015	Kavya S S				A/c #	40138347691
	1KS17TE022	Nayana shree R C				IFSC	SBIN0040653



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.

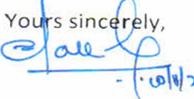
...2

The sanctioned grant will be sent through NEFT/RTGS to your institution. Hence, it is requested to send the following details on your institutional 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,

- 10/1/20

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.
11/02/2021

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.



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Mr. H. Hemanth Kumar

Executive Secretary

24th April 2021

Ref: 7.1.01/SPP/10

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

Dear Sir/Madam,

Sub : Sanction of Student Project - 44th Series: Year 2020-2021

Your Project Proposal Reference No. : 44S_BE_2202

Ref : Your Project Proposal entitled " **PHOTOVOLTAIC DUAL PURPOSE THERMOELECTRIC REFRIGERATOR**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 44th Series" with a budgetary break-up as detailed below:

Student / s	Mr. Pavanprasad.R Mr. Mohammed Sadath Mr. Mahadeva G.R Mr. Yashas R	Budget	
		Particulars	Amount (Rs.)
Guide/s	Mrs. V Sangeetha	Materials/Consumables	4,000.00
		Labour	-
Department	Electronics And Communication Engineering	Travel	-
		Miscellaneous	500.00
		Report	500.00
		Total	5,000.00
FIVE THOUSAND RUPEES ONLY			

The following are the guidelines to carryout the project work :

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- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

- 6) Introduction / background
(with specific reference to the project, work done earlier, etc) - about 20 lines
 - 6) Objectives (about 10 lines)
 - 7) Methodology (about 20 lines)
(materials, methods, details of work carried out, including drawings, diagrams etc)
 - 8) Results and Conclusions
(about 20 lines with specific reference to work carried out)
 - 9) Scope for future work (about 20 lines).
- (Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)**

The sanctioned amount will be sent to the Principal / Head of the Institute by NEFT details provided by the college/institution.

The sponsored projects evaluation will be held in the Nodal Centre /online platform and the details of the same will be intimated shortly by e-mail / Website announcement.

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

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to (by email):

- 1) Dr. B Sudarshan
SPP Coordinator
K.S. Institute Of Technology
No.14 Raghuvanahalli
Kanakapura Main Road
Bengaluru – 560 062
- 2) Mrs. V Sangeetha
Department of Electronics And Communication Engineering
K.S. Institute Of Technology
No.14 Raghuvanahalli
Kanakapura Main Road
Bengaluru – 560 062
- 3) The Finance Officer, KSCST, Bangalore

Encl: As Above



Kammavari Sangham (R) 1952
K.S. GROUP OF INSTITUTIONS

ಕೆ.ಎಸ್. ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯ

K.S. INSTITUTE OF TECHNOLOGY

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: 30th June 2021

Sub: Submission of BE student project proposals for financial assistance

Dear Sir,

With reference to VTU circular dated 6th May 2021 regarding financial assistance to BE student projects, the institute has conducted Online Project selection Committee meeting on 25th June 2021 in presence of VTU Nominee Dr. Nirmala S Gupta from SVC Engg. Bangalore and selected best two projects from each department.

Following is the list of projects selected.

Sl No	Project title	Guide	Department
1.	Voice-Based E-Prescription	Rekha B Katakapur	Computer Science Engg.
2.	Be My Book You help me at you choose to read.	Mr. P Rustagi	Computer Science Engg.
3.	Hybrid Temperature Sensing and Monitoring System With Built in Sensors	Mr. P N Sudha	Electronics & Communication Engg.
4.	Smart Heart Health Prediction	Mrs. Jayasudha B S K	Electronics & Communication Engg.
5.	Multipurpose Agricultural Machine	Dr. Nirmala L	Electronics & Communication Engg.
6.	Detection of Surface Irregularities in Manufactured components using Delta R	Bharath Kumar K R	Mechanical Engg.
7.	GSM based baby monitoring and automatic swing system	Mr. Satish Kumar	Telecommunication Engg.
8.	Smart Helmet With Bike System for Safety Transportation	Mr. Dileep J	Telecommunication Engg.

Please find enclosed the Proceedings of Project Selection Committee meeting (DVD, Department proceedings, Annexures of the selected projects, NDF from VTU Nominee, VTU affiliation letter.

Project Committee Coordinator

Dr. B. Subashan

Principal

PRINCIPAL
K.S. INSTITUTE OF TECHNOLOGY
BENGALURU - 560 109

K.S. INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi & Affiliated to VTU, Belagavi, Karnataka



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

("ವಿ ಟ ಯು 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

To SHO/Dr. Sudarshan

28/9/21

REGISTRAR
10 98
Mr. EM
M. Senthil Kumar B: 18/9/21
Chf for collection
to BMS
28/09/21



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

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Mr. H. Hemanth Kumar
Executive Secretary

24th April 2021

Ref: 7.1.01/SPP/10

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

Dear Sir/Madam,

Sub : Sanction of Student Project - 44th Series: Year 2020-2021

Your Project Proposal Reference No. : 44S_BE_2133

Ref : Your Project Proposal entitled " **FABRICATION OF PORTABLE SHREDDING AND COMPOSTING DEVICE FOR KITCHEN AND GARDEN WASTE.**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 44th Series" with a budgetary break-up as detailed below:

Students	Mr. Anirudh Bharadhwaj K Mr. Bharath Kumar G Mr. Ganapati Manjunath Hegde Mr. Ganeshkumar Narayan Hegde	Budget	
		Particulars	Amount (Rs)
Guide/s	Prof. K Prasad	Travel	500.00
		Miscellaneous	500.00
Department	Mechanical Engineering	Report	500.00
		Total	6,000.00
SIX THOUSAND RUPEES ONLY			

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- The project should be completed in all respects and softcopy of the full report in a CD (single file .pdf format only) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important: After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following points:
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

- 5) Introduction / background
(with specific reference to the project, work done earlier, etc) - about 20 lines
- 6) Objectives (about 10 lines)
- 7) Methodology (about 20 lines)
(materials, methods, details of work carried out, including drawings, diagrams etc)
- 8) Results and Conclusions
(about 20 lines with specific reference to work carried out)
- 9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

The following are the extract of comments / suggestions of the expert. The students and project guides are hereby directed to implement the same and will be looked into during evaluation of the project.

A COMPLETE UNIT SHOULD BE MADE AND DEMONSTRATE

The sanctioned amount will be sent to the Principal / Head of the Institute by NEFT details provided by the college/institution.

The sponsored projects evaluation will be held in the Nodal Centre /online platform and the details of the same will be intimated shortly by e-mail / Website announcement.

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

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to (by email):

- 1) Dr. B Sudarshan
SPP Coordinator
K.S. Institute Of Technology
No.14 Raghuvanahalli
Kanakapura Main Road
Bengaluru – 560 062
- 2) Prof. K Prasad
Department of Mechanical Engineering
K.S. Institute Of Technology
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- 3) The Finance Officer, KSCST, Bengaluru

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Mr. H. Hemanth Kumar
Executive Secretary

24th April 2021

Ref: 7.1.01/SPP/10

The Principal
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No.14 Raghuvanahalli
Kanakapura Main Road
Bengaluru – 560 062

Dear Sir/Madam,

Sub : Sanction of Student Project - 44th Series: Year 2020-2021

Your Project Proposal Reference No. : 44S_BE_2134

Ref : Your Project Proposal entitled " **DESIGN AND DEVELOPMENT OF ZERO LAG TURBOCHARGER TO INCREASE ENGINE EFFICIENCY AND TO REDUCE AIR POLLUTION**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 44th Series" with a budgetary break-up as detailed below:

Students	Mr. Darshan B S	Budget	
		Particulars	Amount (Rs)
	Mr. Asif K		
	Mr. Abhilash K S	Materials/Consumables	5,000.00
	Mr. Prakash Y	Labour	500.00
Guide/s	Prof. Anilkumar A	Travel	-
		Miscellaneous	500.00
Department	Mechanical Engineering	Report	500.00
		Total	6,500.00
SIX THOUSAND FIVE HUNDRED RUPEES ONLY			

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
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- Please quote your **project reference number printed above** in all your future correspondences.
- Important: After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following points:
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

- 5) Introduction / background
(with specific reference to the project, work done earlier, etc) - about 20 lines
- 6) Objectives (about 10 lines)
- 7) Methodology (about 20 lines)
(materials, methods, details of work carried out, including drawings, diagrams etc)
- 8) Results and Conclusions
(about 20 lines with specific reference to work carried out)
- 9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

The following are the extract of comments / suggestions of the expert. The students and project guides are hereby directed to implement the same and will be looked into during evaluation of the project.

MUST DEMONSTRATE, PREFERABALLY TORQUE VS SPEED

The sanctioned amount will be sent to the Principal / Head of the Institute by NEFT details provided by the college/institution.

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

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to (by email):

- 1) Dr. B Sudarshan
SPP Coordinator
K.S. Institute Of Technology
No.14 Raghuvanahalli
Kanakapura Main Road
Bengaluru – 560 062
- 2) Prof. Anilkumar A
Department of Mechanical Engineering
K.S. Institute Of Technology
No.14 Raghuvanahalli
Kanakapura Main Road
Bengaluru – 560 062
- 3) The Finance Officer, KSCST, Bengaluru

Encl: As Above



Karnataka State Council for Science and Technology

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Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849, 23348840

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

Mr. H. Hemanth Kumar

Executive Secretary

24th April 2021

Ref: 7.1.01/SPP/10

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

Dear Sir/Madam,

Sub : Sanction of Student Project - 44th Series: Year 2020-2021

Your Project Proposal Reference No. : 44S_BE_2136

Ref : Your Project Proposal entitled " **AUTOMATIC DISINFECTANT SYSTEM**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 44th Series" with a budgetary break-up as detailed below:

Student / s	Mr. Puneeth Gowda.N Mr. Sowrav A Mr. Skanda S Mr. Shashkiran S	Budget	
		Particulars	Amount (Rs.)
Guide/s	Mr. Gautham S	Travel	500.00
		Miscellaneous	500.00
Department	Mechanical Engineering	Report	500.00
		Total	6,000.00
SIX THOUSAND RUPEES ONLY			

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- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
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 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

- 6) Introduction / background
(with specific reference to the project, work done earlier, etc) - about 20 lines
- 6) Objectives (about 10 lines)
- 7) Methodology (about 20 lines)
(materials, methods, details of work carried out, including drawings, diagrams etc)
- 8) Results and Conclusions
(about 20 lines with specific reference to work carried out)
- 9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

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

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to (by email):

- 1) Dr. B Sudarshan
SPP Coordinator
K.S. Institute Of Technology
No.14 Raghuvanahalli
Kanakapura Main Road
Bengaluru – 560 062
- 2) Mr. Gautham S
Department of Mechanical Engineering
K.S. Institute Of Technology
No.14 Raghuvanahalli
Kanakapura Main Road
Bengaluru – 560 062
- 3) The Finance Officer, KSCST, Bangalore

Encl: As Above



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Mr. H. Hemanth Kumar

Executive Secretary

24th April 2021

Ref: 7.1.01/SPP/10

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

Dear Sir/Madam,

Sub : Sanction of Student Project - 44th Series: Year 2020-2021

Your Project Proposal Reference No. : 44S_BE_2206

Ref : Your Project Proposal entitled "**FABRICATION AND PERFORMANCE TESTING OF PORTABLE ARCHIMEDES SCREW MICRO-HYDRO GENERATOR**"

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 44th Series" with a budgetary break-up as detailed below:

Student / s	Mr. R Gokul	Budget	
		Particulars	Amount (Rs.)
Student / s	Mr. Rajath N R		
	Mr. Satwik Shivaram Bhat	Materials/Consumables	4,000.00
	Mr. Shashank L	Labour	500.00
	Mr. K Prasad	Travel	500.00
Guide/s		Miscellaneous	500.00
		Report	500.00
Department	Mechanical Engineering	Total	6,000.00
SIX THOUSAND RUPEES ONLY			

The following are the guidelines to carryout the project work :

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- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

- 6) Introduction / background
(with specific reference to the project, work done earlier, etc) - about 20 lines
- 6) Objectives (about 10 lines)
- 7) Methodology (about 20 lines)
(materials, methods, details of work carried out, including drawings, diagrams etc)
- 8) Results and Conclusions
(about 20 lines with specific reference to work carried out)
- 9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

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

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to (by email):

- 1) Dr. B Sudarshan
SPP Coordinator
K.S. Institute Of Technology
No.14 Raghuvanahalli
Kanakapura Main Road
Bengaluru – 560 062
- 2) Mr. K Prasad
Department of Mechanical Engineering
K.S. Institute Of Technology
No.14 Raghuvanahalli
Kanakapura Main Road
Bengaluru – 560 062
- 3) The Finance Officer, KSCST, Bangalore

Encl: As Above



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Mr. H. Hemanth Kumar

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24th April 2021

Ref: 7.1.01/SPP/10

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

Dear Sir/Madam,

Sub : Sanction of Student Project - 44th Series: Year 2020-2021

Your Project Proposal Reference No. : 44S_BE_2122

Ref : Your Project Proposal entitled " **MEDIA FORENSICS AND DEEP FAKES**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 44th Series" with a budgetary break-up as detailed below:

Student / s	Ms. Madhu Shree	Budget	
		Particulars	Amount (Rs.)
	Ms. Anusha H		
	Mr. Nischay P	Materials/Consumables	4,000.00
	Mr. Dhanush N	Labour	-
Guide/s	Dr. Chanda V Reddy	Travel	-
		Miscellaneous	500.00
Department	Telecommunication Engineering	Report	500.00
		Total	5,000.00
FIVE THOUSAND RUPEES ONLY			

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- 6) Objectives (about 10 lines)
- 7) Methodology (about 20 lines)
(materials, methods, details of work carried out, including drawings, diagrams etc)
- 8) Results and Conclusions
(about 20 lines with specific reference to work carried out)
- 9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

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Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

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No.14 Raghuvanahalli
Kanakapura Main Road
Bengaluru - 560 062
- 2) Dr. Chanda V Reddy
Department of Telecommunication Engineering
K.S. Institute Of Technology
No.14 Raghuvanahalli
Kanakapura Main Road
Bengaluru - 560 062
- 3) The Finance Officer, KSCST, Bangalore

Encl: As Above



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Mr. H. Hemanth Kumar
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24th April 2021

Ref: 7.1.01/SPP/10

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

Dear Sir/Madam,

Sub : Sanction of Student Project - 44th Series: Year 2020-2021

Your Project Proposal Reference No. : 44S_BE_2127

Ref : Your Project Proposal entitled " **ZERO CONTACT DELIVERY SYSTEM FOR FASTER AND SAFER DELIVERY THROUGH IOT**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 44th Series" with a budgetary break-up as detailed below:

Student / s	Mr. Ravitej K	Budget	
		Particulars	Amount (Rs.)
Mr. Dhananjaya Kumar S	Mr. Prajwal Ajay	Materials/Consumables	5,000.00
	Ms. Yashasvi Bhat	Labour	-
	Dr. Rekha N	Travel	-
		Miscellaneous	500.00
Department	Telecommunication Engineering	Report	500.00
		Total	6,000.00
SIX THOUSAND RUPEES ONLY			

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(materials, methods, details of work carried out, including drawings, diagrams etc)
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(about 20 lines with specific reference to work carried out)
 - 9) Scope for future work (about 20 lines).
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(H. Hemanth Kumar)

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- 1) Dr. B Sudarshan
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K.S. Institute Of Technology
No.14 Raghuvanahalli
Kanakapura Main Road
Bengaluru - 560 062
- 2) Dr. Rekha N
Department of Telecommunication Engineering
K.S. Institute Of Technology
No.14 Raghuvanahalli
Kanakapura Main Road
Bengaluru - 560 062
- 3) The Finance Officer, KSCST, Bangalore

Encl: As Above



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Mr. H. Hemanth Kumar
Executive Secretary

24th April 2021

Ref: 7.1.01/SPP/10

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

Dear Sir/Madam,

Sub : Sanction of Student Project - 44th Series: Year 2020-2021

Your Project Proposal Reference No. : 44S_BE_3757

Ref : Your Project Proposal entitled " **IOT BASED AMBULATORY BAG MECHANICAL VENTILATOR**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 44th Series" with a budgetary break-up as detailed below:

Student / s	Ms. Priyanka S	Budget	
		Particulars	Amount (Rs.)
	Ms. Nisha Deepak		
	Mr. Vadhiraaj R	Materials/Consumables	4,000.00
		Labour	-
Guide/s	Dr. Chanda V Reddy	Travel	500.00
		Miscellaneous	500.00
Department	Telecommunication Engineering	Report	500.00
		Total	5,500.00
FIVE THOUSAND FIVE HUNDRED RUPEES ONLY			

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Bengaluru - 560 062
- 2) Dr. Chanda V Reddy
Department of Telecommunication Engineering
K.S. Institute Of Technology
No.14 Raghuvanahalli
Kanakapura Main Road
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Encl: As Above