

K.S. INSTITUTE OF TECHNOLOGY, BENGALURU
DEPARTMENT OF COMPUTER SCIENCE & ENGG.

Date: 11/03/2019

VTU-FINANCIAL ASSISTANCE FOR INNOVATE PROJECTS OF FINAL YEAR UNDER GRADUATE STUDENTS

TEAM 1

USN	NAME	Email ID/Mobile NO	Title of the project	GUIDE	Area of Specialization	Technology Used
1KS15CS093	Shilpa.R	shilparavi25@gmail.com/7338457010	Advanced Foot Step Power Generation	Mr. K.Venkata Rao	IOT	Embedded C
1KS15CS100	Sindhu bhairavi G K	Sindhujeev16@gmail.com/9066047439				
1KS15CS094	Shirisha .D	shirisha.thallur@gmail.com/9916719787				
1KS15CS114	Thimmesh. M	timmesh1517@gmail.com /7019365063				

TEAM 2

1KS15CS099	Siddharth Meharwade	meharwade.siddharth@gmail.com/9535370054	Women Security System	Ms. Swathi K	Android App Development, IOT	Java with OpenCV
1KS15CS 095	Shiv Shankar Sah	shivsunilsah@gmail.com/9620870811				
1KS15CS 102	Sirisha M	sirisha0512@gmail.com/8951148770				
1KS15CS 109	Suraj kumar	surajmu4@gmail.com/8660063408				


 Signature of the Project Coordinator

K. VENKATA RAO
 Associate Professor
 Dept. of Computer Science & Engg
 K.S. Institute of Technology
 BANGALORE - 560 062

Dr. REKHA B. VENKATAPUR

Signature of the HOD

Head of the Department
 Dept. of Computer Science & Engg.
 K.S. Institute of Technology
 Bengaluru -560 109



Dr. T. V. GOVINDARAJU

Signature of the Principal

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



Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849 ♦ Telefax: 080-23348840
Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Mr. H. Hemanth Kumar
Executive Secretary

27th March, 2019

Ref: 7.1.01/SPP/1333

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

Dear Sir/Madam,

Sub : Sanction of Student Project - 42nd Series: Year 2018-2019
Your Project Proposal Reference No. : **42S_BE_2643**

Ref : Your Project Proposal entitled " **ARTIFICIAL INTELLIGENCE BASED SOLAR VEHICLE**

I am happy to inform that your student project proposal referred above, has been approved by the Council for "Student Project Programme - 42nd Series" and has been sanctioned with a budgetary break-up as detailed below:

Students	Ms. Mayanka Gupta and others	Budget	Amount (Rs)
		Materials/Consumables	6,000.00
Guide/s	Mr. Sampath Kumar S	Labor	500.00
		Travel	500.00
Department	Electronics And Communication Engineering	Miscellaneous	500.00
		Report	500.00
		TOTAL	8,000.00
EIGHT 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 one copy of the hardbound report along with softcopy of the full report in a CD (.pdf format) 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.)

e) Projects selected for Seminar / Exhibition will be awarded.

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.

DEMONSTRATE THE PRODUCT WITH THE HELP OF THE INSTITUTE IDENTIFIED FOR PROVIDING POWER FROM SOLAR ENERGY.

The sanctioned amount will be sent through NEFT by Accounts Department. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by email / 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:

- 1) The Head of the Department of
Electronics And Communication Engineering
K.S. Institute Of Technology,
No.14, Raghuvanahalli,
Kanakapura Main Road,
Bengaluru - 560 062.
- 2) Mr. Sampath Kumar S
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, Bengaluru

Encl: As Above

V. V. N. S. COLLEGE OF TECHNOLOGY, BANGALURU
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.

Date: 21/03/2019

VTU-FINANCIAL ASSISTANCE FOR INNOVATIVE PROJECTS OF FINAL YEAR UG STUDENTS

TEAM 1

USN	NAME	Email ID/Mobile NO	Title of the project	GUIDE	Area of Specialization	Technology Used
1KS15EC016	Bhamini Rajanna	bhaminir13@gmail.com / 7892691162	BIOMORPHIC HYPER REDUNDANT ROBOT FOR DISASTER SURVEILLANCE	Mrs. Lakshmi HR	Embedded Systems, IOT & Image Processing	Embedded C & Machine Learning
1KS15EC033	Harshit R	harshithmurthy18@gmail.com / m/ 8892207205				
1KS15EC107	Muneeb Fayaz	muneebf20@gmail.com / 8050493955				
1KS15EC056	Nagabhushana Bhat S C	nagabhushanbhat98@gmail.com / om/ 819727327				

TEAM 2

USN	NAME	Email ID/Mobile NO	Title of the project	GUIDE	Area of Specialization	Technology Used
1KS15EC08	Suhail Yousuf Bhat	suhailyousuf26@gmail.com / 8825030343	DESIGN OF AN ECONOMIC AND PORTABLE CAPD ASSISTIVE DEVICE	Dr. Surekha B	Embedded Systems & IOT	Embedded C & Android App
1KS16EC417	Jagadish S	jagadishjaggi@gmail.com / 9916992736				
1KS15EC102	Thanusha S. V	thanushareddy155@gmail.com / 7204714184				
1KS15EC058	Nallani Priya	priyanallani@gmail.com / 9206250877				

[Handwritten signature]
24/3/19

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24/3/19



Karnataka State Council for Science and Technology
Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849 ♦ Telefax: 080-23348840
Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Mr. H. Hemanth Kumar
Executive Secretary

Ref: 7.1.01/SPP/1333

27th March 2019

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

Dear Sir/Madam,

Sub : Sanction of Student Project - 42nd Series: Year 2018-2019
Your Project Proposal Reference No. : 42S_BE_1419

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

I am happy to inform that your student project proposal referred above, has been approved by the Council for "Student Project Programme - 42nd Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Mr. Raghu Bharadwaj R and others	Budget	Amount (Rs)
		Materials/Consumables	6,000.00
Guide/s	Prof. Umashankar M	Labor	500.00
		Travel	500.00
Department	Mechanical Engineering	Miscellaneous	500.00
		Report	500.00
		TOTAL	8,000.00
EIGHT THOUSAND RUPEES ONLY			

The following are the guidelines to carryout the project work :

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 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

Received
[Signature]



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Indian Institute of Science Campus, Bengaluru - 560 012

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Mr. H. Hemanth Kumar
Executive Secretary

Ref: 7.1.01/SPP/1333

27th March 2019

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

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Your Project Proposal Reference No. : 42S_BE_1419

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Student / s	Mr. Raghu Bharadwaj R and others	Budget	Amount (Rs)
		Materials/Consumables	6,000.00
Guide/s	Prof. Umashankar M	Labor	500.00
		Travel	500.00
Department	Mechanical Engineering	Miscellaneous	500.00
		Report	500.00
		TOTAL	8,000.00
EIGHT 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 :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

Received
[Signature]



Karnataka State Council for Science and Technology
Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23340040, 23340040 ♦ Telefax: 080-23340040

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

Mr. H. Hemanth Kumar
Executive Secretary

27th March 2019

Ref: 7.1.01/SPP/1333

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

Dear Sir/Madam,

Sub : Sanction of Student Project - 42nd Series: Year 2018-2019
Your Project Proposal Reference No. : 42S_BE_1422

Ref : Your Project Proposal entitled " DUAL POWERED WATER PURIFICATION SYSTEM

I am happy to inform that your student project proposal referred above, has been approved by the Council for "Student Project Programme - 42nd Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Mr. N. Parasaran and others	Budget	Amount (Rs)
		Materials/Consumables	4,000.00
Guide/s	Mr. Prasad K	Labor	500.00
		Travel	500.00
Department	Mechanical Engineering	Miscellaneous	500.00
		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 one copy of the hardbound report along with softcopy of the full report in a CD (.pdf format) 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

M. S. S.
8/4/19

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: 080-23600978

42nd Series of Student Project Programme: 2018-19

List of Projects Sanctioned Under Stream C

63. K.S. INSTITUTE OF TECHNOLOGY, BENGALURU

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	DEGREE	NAME OF THE GUIDE	NAME OF THE TEAM LEADER	TOTAL (in Rs.)
1.	42S_BE_1414	SMART HYDROPONICS	TELE COMMUNICATION ENGINEERING	BE	Mr. SENTHIL BABU K	Ms. B V NAVYA	5500.00
2.	42S_BE_1417	BRIDGE MONITORING SYSTEM	TELE COMMUNICATION ENGINEERING	BE	Prof. CHANDA V REDDY	Ms. SHEETAL J	5500.00
3.	42S_BE_1418	THERMAL MANAGEMENT OF ELECTRONIC EQUIPMENTS USING OSCILLATING HEAT PIPES WITH BINARY MIXTURE OF WORKING FLUIDS	MECHANICAL ENGINEERING	BE	Dr. K RAMA NARASIMHA	Mr. AJITH G BHAT	8000.00
4.	42S_BE_1419	DESIGN AND CONSTRUCTION OF AN INTEGRATED DOMESTIC ORGANIC WASTE COMPOSTING DEVICE	MECHANICAL ENGINEERING	BE	Prof. UMASHANKAR M	Mr. RAGHU BHARADWAJ R	8000.00
5.	42S_BE_1422	DUAL POWERED WATER PURIFICATION SYSTEM	MECHANICAL ENGINEERING	BE	MR. PRASAD K	Mr. N. PARASARAN	6000.00
6.	42S_BE_2643	ARTIFICIAL INTELLIGENCE BASED SOLAR VEHICLE	ELECTRONICS AND COMMUNICATION ENGINEERING	BE	Mr. SAMPATH KUMAR S	Ms. MAYANKA GUPTA	8000.00

Note:

1. The sanctioned amount will be sent by KSCST to the College by crossed Cheque in the name of the Principal.
2. The evaluation of above projects will be conducted in the Nodal Centre in the month of May / June 2019. During nodal centre evaluation projects will be selected for state level Seminar & Exhibition which will be conducted in the month of July / August 2019.
3. After completion of the projects, the hard copy of the report and soft in .pdf format needs to be sent to KSCST without fail.

K.S INSTITUTE OF TECHNOLOGY, BENGALURU-109
DEPARTMENT OF TELECOMMUNICATION ENGINEERING

Date: 21/03/2019

VTU-FINANCIAL ASSISTANCE FOR INNOVATIVE PROJECTS OF FINAL YEAR UNDER GRADUATE STUDENTS

TEAM-1


USN	NAME	Email ID/Mobile No	Title of the project	GUIDE	Area of Specialization	Technology Used
IKS15TE004	AKSHATA G JOSHI	akshujoshi97@gmail.com/8618096629	FABRICATION OF RECUMBENT SMART WHEELCHAIR WITH RISK AVOIDANCE.	Dr MANJU V C	Smart Automated System	C, C++
IKS15TE013	CHETAN R	rkchetan16@gmail.com/8553207508				
IKS15TE020	KSHAMA B N	bnkshama@gmail.com/9535261770				
IKS15TE036	SHRADDHA U BIRTHI	shraddhaub11@gmail.com/7259336012				

TEAM-2

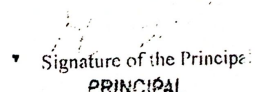
IKS15TE001	ABHILASHA H V	abhilashagowda17@gmail.com/9538257335	SMART HYDROPONICS	Mr K Senthil Babu	Automated hydroponic System	PYTHON CODING
IKS15TE007	ARCHANA P S	archanaps07@gmail.com/7795731012				
IKS15TE010	B V NAVYA	bvnavya.10@gmail.com/9035943676				



Signature of the Project Coordinator



Signature of the HOD
 HEAD OF THE DEPARTMENT
 Dept. of Telecommunication Engg
 K. S. Institute of Technology
 Bengaluru - 560 109



Signature of the Principal
 PRINCIPAL
 K.S. INSTITUTE OF TECHNOLOGY
 BENGALURU - 560 109



Visvesvaraya Technological University

"Jnana Sangama", Belagavi - 590 018, Karnataka State

Dr. Satish Annigere
Registrar (I/c)

Phone: (0831) 2405468
Fax: (0831) 2405467

Ref: VTU/Aca./A-4/2019-20/ 2465/23

Date: 11 JUL 2019

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

SPEED POST

Sir,

Sub: Sanction of Financial Assistance for 2018-19 to the selected projects of
UG student's reg

Ref: No.VTU/BGM/Aca.OS/Gen-Cir/2018-19/10716,dt. 02.03.2019

With reference to the above subject, please find herewith a D.D Bearing No 640591 dated
04.07.2019 of Rs. 40,000/- towards the sanction of Financial Assistance to the selected projects of
UG students.

Kindly acknowledge the receipt of the same.

Encl: as above.

Yours faithfully,

Registrar (I/c)
VTU, Belagavi

24.7.19

Ajay Kumar / m E
24.7.19

9m/akc
24.7.19

State Bank of India
Issuing Branch: FORTVU CAMPUS MATCHE
Branch Code: 40849
Branch No: 08312412300

Key: YULFUQ
Sr. No: 950627

04072019
DDMMYY
को-याजके-अदेश-पर
OR ORDER

BANKERS CHEQUE

PAY Principal, K-S-Institute-of-Technology

RUPEES Forty-Thousand-Only

₹ 40000.00

101000473360581
Name of Applicant

Key: YULFUQ
FOVTU

Sr. No: 950627

AMOUNT BELOW 40000 (4/5)

को-याजके-अदेश-पर
FOR STATE BANK OF INDIA

BRANCH MANAGER

अधिकृत-हस्ताक्षर
AUTHORIZED SIGNATURE

अहस्तांतरणीय (NOT TRANSFERABLE)

वैधता 3 मासों के लिए है
VALID FOR 3 MONTHS ONLY

कंप्यूटर द्वारा मुद्रित और परीक्षण
VALID ONLY IF COMPUTER PRINTED

यह चेक बैंक के अधिकृत अधिकारियों द्वारा हस्ताक्षरित होने पर ही वैध है।
INSTRUMENTS PORT-1, SERIALS ABOVE ARE NOT VALID UNLESS SIGNED BY TWO OFFICERS

⑈640591⑈ 000002000⑈ 000473⑈ 16