

**3.1.1 Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)**

**Academic Year 2018-2019**

**CONTENTS**

SL NO	PARTICULARS	PAGE NO
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**FORM GRF 19  
UTILIZATION CERTIFICATE**

**KSCST: STUDENTS PROJECT PROGRAMME-42<sup>ND</sup> SERIES**

Sl. No.	Letter No. and date	Amount (Rs.)	
1	7.1.01/SPP/1333 dated 27-03-2019	62,000/- for 9 projects	<p>Certified that KSCST has provided partial financial support of Rs.62000/- towards students project programme 42<sup>nd</sup> series</p> <p>A sum of Rs. 62,000/- only has been utilized for the purpose of student project programme for which it was sanctioned</p>

Certified that I have satisfied myself that the conditions on which the grants-in- aid was sanctioned have been duly / are been fulfilled and that i have exercised the following check to see that the money was actually utilised for the purpose for which it was sanctioned

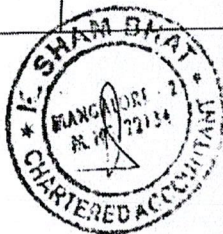
Kinds of Checks exercised

1. Cash Book
2. Vouchers

Sl. No.	Project proposal ref. No.	Title of the Project	Department/Guide	Amount sanctioned by KSCST (Rs.)	Amount utilized by the college (Rs.)	Balance if any to be refunded to KSCST (Rs.)
1	42S_BE_1619	NANO VESICLES FOR DRUG DELIVERY SYSTEM AND DEVICE	NANO TECHNOLOGY/ Dr. PRASAD P	6500	6500	Nil
2	42S_BE_1625	EXPERIMENTAL STUDY ON FRICTION AND WEAR CHARACTERISTICS OF FORMULATED VEGETABLE OILS AS BASE LUBRICANT IN AUTOMOTIVE COMPONENTS LUBRICATION	AUTOMOBILE ENGINEERING/ Mr. GIRISH A R	7000	7000	Nil

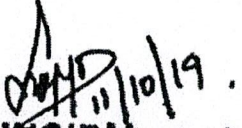
PRINCIPAL  
SRINIVAS INSTITUTE OF TECHNOLOGY  
Valachil, Merlapada  
Farangipete Post, Mangaluru-574 143

*K. Sham Bhat*  
B.Com., F.C.A.,  
Chartered Accountant  
III FLOOR, EMBASSY PLAZA  
N. H. 48, PUMPWELL  
MANGALORE - 575 002  
M. No. 22134

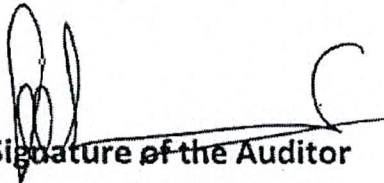




No.	proposal ref. No.			sanctioned by KSCST (Rs.)	utilized by the college (Rs.)	an re to
3	42S_BE_1627	FABRICATION OF SOLAR POWERED DESALINATION SYSTEM FOR LIFE BOAT	MARINE ENGINEERING/ Mr. SUNIL PRAKASH RODRIGUES	8000	8000	
4	42S_BE_1628	DESIGN AND FABRICATION OF OIL SKIMMER	MARINE ENGINEERING/ Dr. SHANKAR K.S	6500	6500	
5	42S_BE_1633	ELECTRICAL ENERGY HARVESTING IN AIRCRAFT BY USING CARBON FIBER BATTERY	AERONAUTICAL ENGINEERING/ Prof. P.PURUSHOTHAM KATTI	6000	6000	
6	42S_BE_1638	DESIGN AND FABRICATION OF RIVER CLEANING MACHINE	MECHANICAL ENGINEERING/ Prof. SANDESH M PRABHU	9000	9000	
7	42S_BE_1922	PORTABLE DIGITAL OSCILLOSCOPE USING ANDROID	ELECTRONICS & COMMUNICATION ENGINEERING/ Prof. CHINMAY KUKKETY	4500	4500	
8	42S_BE_1927	VOICE ASSISTED DASHBOARD-A DRIVER FEASIBLE SYSTEM	AUTOMOBILE ENGINEERING/ Mr. SRINIDHI KUKKILA	6500	6500	
9	42S_BE_3464	FABRICATION AND EXPERIMENTATION OF MAGNETHORHEOLOGICAL BRAKING SYSTEM	MECHANICAL ENGINEERING/ Mr. VENKATESH RAO S N	8000	8000	

  
 Signature of Principal  
**SRINIVAS INSTITUTE OF TECHNOLOGY**  
 Valachil, Merlapadavu  
 Farangipete Post, Mangaluru-574143  
 Date: 11/10/2019



  
 Signature of the Auditor  
 with seal  
 UDIN: 19022134AAAAHH2279  
 Date: 15.10.2019

K. Sham  
 B.C  
 Chartered Accountant  
 III FLOOR, EMB.  
 N. H. 48. PU  
 MANGALORE  
 M. No.





# 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,  
Srinivas Institute of Technology,  
Merlapadav, Valachil,  
Yarkulla Viet, Farangipet PO,  
Mangaluru - 574 143.

Dear Sir/Madam,

Sub : Sanction of Student Project - 42nd Series: Year 2018-2019  
Your Project Proposal Reference No. : 42S\_BE\_1627

Ref : Your Project Proposal entitled " **FABRICATION OF SOLAR POWERED DESALINATION SYSTEM FOR LIFE BOAT**

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. Dinesh M and others	Budget	Amount (Rs)
Guide/s	Mr. Sunil Prakash Rodrigues	Materials/Consumables	7,000.00
		Labor	-
Department	Marine Engineering	Travel	500.00
		Miscellaneous	-
		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 :

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

  
**PRINCIPAL**  
**SRINIVAS INSTITUTE OF TECHNOLOGY**  
Valachil, Merlapadavu  
Farangipete Post, Mangaluru-574 143



**Mr. H. Hemanth Kumar**  
Executive Secretary

27th March 2019

Ref: 7.1.01/SPP/1333

The Principal,  
Srinivas Institute of Technology,  
Merlapadav, Valachil,  
Yarkulla Viet, Farangipet PO,  
Mangaluru - 574 143.

Dear Sir/Madam,

Sub : Sanction of Student Project - 42nd Series: Year 2018-2019  
Your Project Proposal Reference No. : **42S\_BE\_1628**

Ref : Your Project Proposal entitled " **DESIGN AND FABRICATION OF OIL SKIMMER**


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. Thejas Kumar and others	Budget	Amount (Rs)
		Materials/Consumables	5,000.00
		Labor	-
Guide/s	Dr. Shankar K.S	Travel	500.00
		Miscellaneous	500.00
Department	Marine Engineering	Report	500.00
		<b>TOTAL</b>	<b>6,500.00</b>
<b>SIX THOUSAND FIVE HUNDRED RUPEES ONLY</b>			

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

  
**PRINCIPAL**  
SRINIVAS INSTITUTE OF TECHNOLOGY  
Valachil, Merlapadavu  
Farangipete Post, Mangaluru-574 143





# Visvesvaraya Technological University

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

Dr. Satish Annigere

Registrar (I/c)

Ref: VTU/Aca./A-4/2019-20/ 2465/10

Phone: (0831) 2405468

Fax: (0831) 2405467

Date: 21 JUL 2019

To,

**The Principal,**

Srinivas Institute of Technology,  
Mangaluru.

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 640570,  
dated 03.07.2019 of Rs. 1,00,000/- 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,

*Annigere*

Registrar (I/c)  
VTU, Belagavi

B.8/7

VA

H (Marine / OS)  
Discrepancy

*24/7/19*

SRINIVAS INSTITUTE OF TECHNOLOGY Valachil, Mangaluru	
INWARD	
Date: 24/7/19	No.: 1434
SIGNATURE	

PRINCIPAL  
SRINIVAS INSTITUTE OF TECHNOLOGY  
Valachil, Merlapadavu  
Farangipete Post, Mangaluru-574 143

भारतीय स्टेट बैंक  
State Bank of India  
Code No: 40649  
31-2412300

बैंकर्स चेक  
BANKERS CHEQUE

Key: TUGKUQ  
Sr. No: 204022

03072019  
DDMMYY

PAY Principal, Srinivas Institute of Technology\*\*\*\*\*

को या उनके आदेश पर  
OR ORDER

One Lakh Only

RUPEES

अदा करें ₹ 100000.00

IOI 000473040570  
Name of Applicant

Key: TUGKUQ Sr. No: 204022  
FOVTU

AMOUNT BELOW 100001(1/6)

भारतीय स्टेट बैंक  
For STATE BANK OF INDIA

अहस्तांतरणीय / NOT TRANSFERABLE

आधिकृत हस्ताक्षर  
AUTHORISED SIGNATURE

शाखा प्रबंधक  
BRANCH MANAGER

कंप्यूटर द्वारा मुद्रित होने पर ही वैध  
VALID ONLY IF COMPUTER PRINTED

केवल 3 महीने के लिए वैध  
VALID FOR 3 MONTHS ONLY

₹ 1,50,000/- से अधिक के लिखत दो अधिकारियों द्वारा हस्ताक्षरित होने पर ही वैध है।  
INSTRUMENTS FOR ₹ 1,50,000/- & ABOVE ARE NOT VALID UNLESS SIGNED BY TWO OFFICERS

⑈640570⑈ 000002000⑈ 000473⑈ 16

PRINCIPAL  
SRINIVAS INSTITUTE OF TECHNOLOGY  
Valachil, Merlapadavu  
Farangipete Post, Mangaluru-574 148



19/03/2019

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

### Details of the Selected Projects

Ref: VTU circular: VTU/BGM/Aca-OS/GEN-Cir/2018-19/ 10716

SL. NO.	BRANCH		TITLE OF THE PROJECT	NAME/NAMES OF STUDENTS	NAME OF GUIDE	REMARKS
1	AERONAUTICAL ENGINEERING	1	METAL 3D PRINTER(BOUND METAL DEPOSITION)	ABHISHEK ANAND JUNAIDAHAMAD M MISRIKOTI SOWMYA B	DEEPAK RAJ P Y	
		2	NUMERICAL ANALYSIS ON HEAT TRANSFER AUGMENTATION IN DOUBLE PIPE HEAT EXCHANGER WITH NANO FLUIDS AND METALLIC INSERTS	S ADITHYA SHANKARAGOUD BIRADAR VIJAYKUMAR PATIL NAGARJUN R	DR. RAMAKRISHNA N HEGDE	
2	AUTOMOBILE ENGINEERING	1	ELECTRO MAGNETIC CLUTCH BASED LIMITED SLIP DIFFERENTIAL	GEORGE M F JOMAL J AMRITHLAL K AMRITHLAL K	AVINASH H S	
		2	IMPLEMENTATION OF TURBO TO THE TWO WHEELER	RAKSHITH T ROOPESH SHIVAPRASAD SHARATH RAI B	ABHILASH V	
3	COMPUTER SCIENCE & ENGINEERING	1	FARMER ASSISTANCE THROUGH COMPUTERIZED RICE GRAIN QUALITY EVALUATION	ASHWINI D/O KALU NAIKA DHEERAKSHA DHRUTHI M P MALLIKA M KOTIAN	DR. D S RAJESH	
		2	BLIND'S EYE	ARPITHA B BHOOMIKA BOPANNA CHANDANA K K CHINMAYI	SUDARSHAN K	
4	ELECTRONICS & COMMUNICATION ENGINEERING	1	DESIGN OF SMART PLUG USING IOT	DEVIKA K AMRATHA DEEPTHI BANGERA RENITA LOBO	SATHISH KUMAR	
		2	EMBEDDED HEADSET TO HELP BLIND PEOPLE NAVIGATE CITIES USING WIRELESS FIDELITY AND SMART ANDROID	THRIVENI VEEKSHA M K WILMA SHALET NAVYASHREE	BHEEMA SHASTRY	

Page 1 of 2



5	ELECTRICAL & ELECTRONICS ENGINEERING	1	THE FARM RUNNER MULTIPURPOSE ELECTRIC TRACTOR	SAYED ROUHAN RAWAHA MAHIPAL SINGH MOHAMMED JASIM JAMMAL K	PRASHANTH	
		2	AUTOMATIC RODENTS REPELLENT ULTRASONIC MECHANISM (ARRRUM)	VAISHNAVI R B SUCHETH SHARADA PRAKASH RAO G	LOKESH B	
6	INFORMATION SCIENCE & ENGINEERING	1	OFFLINE SIGNATURE RECOGNITION USING CONVOLUTIONAL NEURAL NETWORKS	DIVYA G PAI NAVYA P NAVYA SUVARNA SAHANA KRISHNANAND MANAKIKAR	SWATHI	
		2	AUTOMATIC NUMBER PLATE RECOGNITION SYSTEM USING MACHINE LEARNING AND TENSORFLOW TECHNIQUE	ANGELO FEDRAL FRANCIS RODRIGUES BHAGYASHREE N M DHANUSH Y SOWMYA S RAO	PRADEEP KUMAR	
7	MARINE ENGINEERING	1	SCRUBBER SYSTEM TO CLEAN EXHAUST GAS	KALANDAR RAEZ RAHUL T L SHRIDHAR S VINOD MARTIN	TONY K SEBASTIAN	
		2	AUTOMATIC BALLAST WATER MANAGEMENT SYSTEM	M SATISH KUMAR ARPITH D KUNDER MOHAMMED SHAFVAN NEERAJ KUMAR	ADITYA G SALIAN	
8	MECHANICAL ENGINEERING	1	FABRICATION AND EXPERIMENTATION ON MAGNETO RHEOLOGICAL BRAKING SYSTEM	SHREYAS VIKRAM PRAJWAL RANJAN KANCHAN	VENKATESH RAO S N	
		2	DESIGN AND FABRICATION OF LOW COST MQL SYSTEM	ABHISHEK MOHAN ANSHAD C K E BANGERACHETAN HARISH BHARATHESH L K	VASUDEV BHAT	
9	MECHANICAL ENGINEERING (II SHIFT)	1	FABRICATION & TESTING OF MULTIOPERATION 3-AXIS CNC CARVING MACHINE	AJAY DEEPAK HARSHITH VIMARSH P	NITHIN JOSHUA	
		2	EXTRACTION OF OIL AND PRODUCTION OF DIESEL FOR THE BETTER PERFORMANCE OF DIESEL ENGINE AND PERFORMANCE ANALYSIS.	PREETHESH SYLVAN CARLO AKASH KANCHAN L RATHAN N POOJARY SUSHANTH KUMAR	SATHISHA K G	
10	NANO TECHNOLOGY	1	FABRICATION OF HYDROPHOBIC COATING USING POLYMER NANOCOMPOSITES	AMAL PURUSHOTHAMAN NIRMALANANDA Y RAVIKA PATIL	MR. NAVEEN KUMAR J. R.	
		2	OPTIMIZATION AND STUDY OF DRUG RELEASE USING NANOVESICLES	NIDHIN P PRATHYSH K SHARANG P. K SHREELAKSHMI S. K	DR. PRASAD P.	



L.No. JSK/ 2018-22/05

Date: 17<sup>th</sup> Dec. 2018

## Sanction Letter

To,  
The Principal,  
SRINIVAS INSTITUTE OF TECHNOLOGY

Sir,

Sub: Sanction of project titled "Integrating of Small Wind Turbine with Smart Grid Technologies" – Reg.

I am very pleased inform you that your project title "Integrating of Small Wind Turbine with Smart Grid Technologies" has been sanctioned by the management. In this regard I am pleased to inform you that an amount of Rs.65,000/- has been sanctioned to execute the project. The amount will be released on the progress of the project subject to following terms and conditions.

- The project should be completed within eight months after acceptance of this letter.
- Any part of the sanctioned amount which is unutilized, should be reverted back to the "Creative power controls"

Thanking you

Managing Director

PRINCIPAL  
SRINIVAS INSTITUTE OF TECHNOLOGY  
Valachil, Merlapadavu  
Farangipete Post, Mangaluru-574 143



Lr.No. Samraj/Aug/2018-22/4

Date: 18.08.2018

## **SANCTION LETTER**

To,

**The Principal,**

SRINIVAS INSTITUTE OF TECHNOLOGY

Sub: Sanction letter for the project – Reg.

Sir,


On behalf of the Samraj Industries, Hyderabad, I am pleased inform you that the management has studied your project proposal and it is very workable with the project cost, our company is accepting your project. We are agreeable to the terms and conditions stated in your proposal with no amendments.

The company wishes their gratitude to the Department of Mechanical Engineering, SRINIVAS Institute of Engineering and Technology, of our project related work to technical consultancy titled **“Design and implementation of Electronic Authenticable Verifiable Voting Machine”** is being used by us. The company has accepted your rules and regulations. Based on our agreement, the company will release an amount of Rs. 80,000/- to the MIET-General Funds on 18-09-2018 as mentioned in your project proposal. The maximum time period of the project is not more than six months.

Kindly note that

- The grant should be spent for the execution of project within the specified time period.
- Any part of the grant amount caused or not required shall be surrendered back.

Thanking you

  
Authorized Signature

Pratap Industries

  
**PRINCIPAL**  
**SRINIVAS INSTITUTE OF TECHNOLOGY**  
Valachil, Merlapadavu  
Farangipete Post, Mangaluru-574 143



# ADVIT Software

Boyinalli, Hyderabad - 500 049, Telangana, India

Advit/Aug/2018-19/6

Date: 14.08.2018

## Sanction Letter

To,

The Principal,

SRINIVAS INSTITUTE OF TECHNOLOGY

Sub: Sanction letter for the project proposal – Reg.

Sir,

On behalf of the Kumar Pumps & Motors, Tenali, I am pleased inform you that the management has studied your project proposal and it is very workable with the project cost, our company is accepting your project. We are agreeable to the terms and conditions stated in your proposal with no amendments.

The company wishes their gratitude to the Department of Mechanical Engineering, Mandava Institute of Engineering and Technology, of our project related work to technical consultancy titled **“Hepatic disease prediction using machine learning”** is being used by us. The company has accepted your rules and regulations. Based on our agreement, the company will release an amount of Rs. 60,000/- to the MIET-General Funds on 26-09-2018 as mentioned in your project proposal. The maximum time period of the project is not more than six months.

Kindly note that

- The grant should be spent for the execution of project within the specified time period.
- Any part of the grant amount caused or not required shall be surrendered back.

Thanking you

Authorized Signature

  
PRINCIPAL  
SRINIVAS INSTITUTE OF TECHNOLOGY  
Valachil, Merlapadavu  
Farangipete Post, Mangaluru-574 143