

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 2020-2021

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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: 080-23341652, 23348840/48/49

44th Series of Student Project Programme: 2020-21

List of Student Project Proposals Approved for Sponsorship

154. SRINIVAS INSTITUTE OF TECHNOLOGY, MANGALURU

Sl. No.	PROJECT REFERENCE No.	PROJECT TITLE	BRANCH	COURSE	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	SANCTIONED AMOUNT (IN Rs.)
1027.	44S_BE_3165	DESIGN AND FABRICATION OF ATMOSPHERIC AIR DEHUMIDIFIER	MECHANICAL ENGINEERING	B.E.	Mr. MOHAMMED GOWSPEER	Mr. PRAMOD GUNDUKALE Mr. S HRISHIKESHA Mr. SAQIB AHAMED ABDUL SATTAR SHAIKH Mr. YUVARAJ KUNNUR	7000.00
1028.	44S_BE_3167	BIODIESEL PRODUCTION FROM WASTE COOKING OIL USING ELECTROLYSIS PROCESS.	MECHANICAL ENGINEERING	B.E.	Dr. SHANKARKS	Mr. B DILEEP SHETTY Mr. ARUN GANESHA. S Mr. DHEERAJ Mr. K NISCHITH ALVA	6000.00
1029.	44S_BE_3170	POWER ASSIST WHEELCHAIR FOR PHYSICALLY CHALLENGED PERSON	AUTOMOBILE ENGINEERING	B.E.	Mr. VARUN N	Mr. J VIGNESHWAR Mr. KARTHIK M Mr. SAMPREETH P HEGDE Mr. THILAKRAJ	8000.00
1030.	44S_BE_3171	ELECTRIC WHEELCHAIR CUM STRETCHER	AUTOMOBILE ENGINEERING	B.E.	Mr. PRAKASH TANAPPAGIL	Mr. SAVYASACHI K G Mr. NITHIN L U Mr. SUJNYAN Mr. SHRIVATHSA MOGRA	7000.00
1031.	44S_BE_3173	DESIGN, FABICATION AND ANALYSIS OF A SWING WING IN CRUISE MISSILE	AERONAUTICAL ENGINEERING	B.E.	Prof. P RAMESHKUMAR	Mr. SWAROOP K.S Mr. SOWRABH.N Mr. SUMANTH K S Mr. SAMPATH RAI A	7000.00
1032.	44S_BE_3176	EXPERIMENTAL INVESTIGATION OF PERFORMANCE AND EMISSION CHARACTERISTICS OF A CRDI DIESEL ENGINE FUELLED WITH FISH OIL BIO-DIESEL AND HEXANOL AS AN ADDITIVE	MARINE ENGINEERING	B.E.	Prof. NITHIN JOSHUA	Mr. BRIJESH Mr. PRATHVIRAJ Mr. ANU KUMARA B Mr. GURURAJ	5000.00

Note:

- ☐ Transaction details of sanctioned amount of **Rs. 40000/-** credited on **28th May 2021** by **NEFT DR- P148210110028940- SRINIVAS IT OF TECH MLORE-MAHB0000381- BLR IISc .**
- ☐ The evaluation of above projects will be conducted during July / August 2021 via online mode and participation in the online evaluation process is mandatory, failing to which the sanctioned project will be withdrawn from the list and sanctioned amount shall be returned to KSCST.
- ☐ Submit **softcopy of Synopsis in pdf (as per the format preferred in the KSCST website) and report (PDF format in a single file)** of project by **20th July 2021**, which will be uploaded in **KSCST SPP portal**.
- ☐ Synopsis and report must be named with Reference ID provided by KSCST (Eg: **44S_BE_0001**).



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

Dear Sir/Madam,

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

Your Project Proposal Reference No. : **44S_BE_3170**

Ref : Your Project Proposal entitled " **POWER ASSIST WHEELCHAIR FOR PHYSICALLY CHALLENGED PERSON**

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. J Vigneshwar	Budget	
	Mr. Karthik M	Particulars	Amount (Rs.)
	Mr. Sampreeth P Hegde	Materials/Consumables	6,000.00
	Mr. Thilakraj	Labour	500.00
Guide/s	Mr. Varun N	Travel	500.00
		Miscellaneous	500.00
Department	Automobile Engineering	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 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

PRINCIPAL
SRINIVAS INSTITUTE OF TECHNOLOGY
Valachil, Merlapadavu
Farangipete Post, Mangaluru-574143



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Mr. H. Hemanth Kumar
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The Principal
Srinivas Institute of Technology
Merlapadav Valachil
Yarkulla Vlet Farangipet PO
Mangaluru - 574 143

Dear Sir/Madam,

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

Your Project Proposal Reference No. : **44S_BE_3171**

Ref : Your Project Proposal entitled " **ELECTRIC WHEELCHAIR CUM STRETCHER**

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:

Detailed below.			
Student / s	Mr. Savyasachi K G	Budget	
	Mr. Nithin L U	Particulars	Amount (Rs.)
	Mr. Sujnyan	Materials/Consumables	5,000.00
	Mr. Shrivathsa Mogra.	Labour	500.00
Guide/s	Mr. Prakash Tanappagil	Travel	500.00
		Miscellaneous	500.00
Department	Automobile Engineering	Report	500.00
		Total	7,000.00
	SEVEN 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

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Mr. H. Hemanth Kumar

Executive Secretary

Ref: 7.1.01/SPP/10

24th April 2021

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

Dear Sir/Madam,

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

Your Project Proposal Reference No. : **44S_BE_3176**

Ref : Your Project Proposal entitled " **EXPERIMENTAL INVESTIGATION OF PERFORMANCE AND EMISSION CHARACTERISTICS OF A CRDI DIESEL ENGINE FUELLED WITH FISH OIL BIO-DIESEL AND HEXANOL AS**

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. Brijesh	Budget	
	Mr. Prathviraj	Particulars	Amount (Rs.)
	Mr. Anu Kumara B	Materials/Consumables	3,000.00
	Mr. Gururaj	Labour	500.00
Guide/s	Prof. Nithin Joshuva	Travel	500.00
		Miscellaneous	500.00
Department	Marine Engineering	Report	500.00
		Total	5,000.00
FIVE 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.isc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords


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SRINIVAS INSTITUTE OF TECHNOLOGY
Valachil, Merlapadav
Farangipet P.O., Mangaluru - 574 143

All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org



STTP- Sanction Letter

Ref. No. 34-66 SB/FDC/STTP/Policy-1/2019-20

Date 10 AUG 2020

From

Director,
Faculty Development Cell,
AICTE, New Delhi-110070

To

The Drawing and Disbursing Officer,
All India Council for Technical Education,
Nelson Mandela Marg,
Vasant Kunj, New Delhi – 110070

Sub: Release of grant for conduct of Short Term Training Programme (STTP) under AQIS 2019-20 during the financial year 2020-21- reg.

Sir,

This is to convey the sanction of the Council for payment of **Rs. 126667 /- (Rupees One Lakh TwentySix Thousand Six Hundred SixtySeven Only)** for conduct of Short Term Training Program as per details given below:-

1.	Name and address of the beneficiary University / Institution	SRINIVAS INSTITUTE OF TECHNOLOGY SRINIVAS CAMPUS VALACHIL, ARKULA VILLAGE FARANGIPETE POST MANGALORE Karnataka 574219
2.	Permanent ID of Institute	1-1710521
3.	Institute type	Unaided - Private
4.	Name of Coordinator	Dr. AJOY JOSEPH
5.	Amount sanctioned	Rs. 126667/-
6.	Amount to be released	Rs.126667/- Full & final payment
7.	Head of account	601.15(a) Gen. Short Term Training Programme (Plan)
8.	The authorized officer in whose favour Cheque/ Demand Draft/ RTGS is to be made	REGISTRAR / DIRECTOR / PRINCIPAL
9.	Title of the programme	DATA ANALYTICS IN BUSINESS

1. The amount of the grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education on the grant-in-aid bill and shall be disbursed to and credited to the Registrar/ Director/Principal of the institute through RTGS.
2. This grant-in-aid is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.
3. The Principal of the Institute and the Coordinator of the Program are requested to verify the correctness of the under-mentioned Bank Account / RTGS Details submitted by them alongwith the proposals, in which the grant is being released:-

Institute PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAGTS0850G	BANK OF MAHARASHTRA	MANGALORE	BHARAT BUILDING PANJI MANGESH RAO ROAD HEMPANK ATTA MANGALORE 575001	SRINIVAS INSTITUTE OF TECHNOLOGY	Saving Account	20065018298	MAHB0000381

Instructions/Guidelines to be followed by the University/Institution

I. Disbursement of funds to University/Institutions

- The full amount of the grant sanctioned is being released as advance to the University/Institute.
- The amount spent by the institute on the conduct of STTP shall be adjusted on the basis of utilization certificate and detailed expenditure statement submitted by the University/Institution on the prescribed format along with other mandatory documents viz feedback form, copy of proceedings and completion report etc.
- The above said amount of grant shall be refunded back to AICTE if the Letter of Approval (LOA) / Extension of Approval (EOA) is not issued by AICTE to the institute for the academic year 2020-21.

II Maintenance of Accounts

- The Institute shall strictly follow the provisions laid down in the scheme document as available on the portal.
- Funds covered by this grant shall be kept separately and would not be mixed up with other funds so as to know the amount of interest accrued on the grant.
- The University/College/Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items of expenditure.
- The grant is intended to cover items of expenditure connected with the Short Term Training Programme such as Boarding & Lodging to the participants, TA to outstation participants, Honorarium to Course Coordinator, reading material to participants, Honorarium to resource persons, TA/DA to resource persons including two outstations resource persons & working expenses (reprographic services, postage, transport, daily wages, tea/coffee etc.

III. Conduct of test and issuance of certificate

A test shall be conducted by Program Monitoring Committee (PMC) at the end of the program and joint certificates shall be issued (by AICTE & conducting institute) to those participants who have attended the program and have scored minimum 60% marks in the test.

IV. Submission of Documents by the University/Institutions to AICTE

- The following mandatory relevant documents are required to be submitted by the University/Institution within one month of the completion of the program:-
 - Original Statement of actual expenditure & Utilization Certificate in the prescribed proforma duly signed by the Head of the institution and countersigned by Registrar/Finance Officer/Govt. Auditor. In case of self-financing/private institutions, Statement of actual Expenditure & Utilization Certificate are required to be audited & signed and sealed by a Chartered Accountant and enclosing the membership number and complete postal address. Format for the same is

The University/Institution is not required to submit bills/vouchers/invoices etc for the expenditure incurred out of recurring grants. However, such copies of bills/vouchers/invoices shall be digitized by respective institutions receiving grant and uploaded scanned copies of such bills/vouchers/invoices etc on the portal for availability and view at any point of time.

- (ii) Feedback form in the prescribed proforma.
 - (iii) Copy of the proceedings and completion report.
 - (iv) List of candidates who have successfully completed the program on the basis of the test conducted by Program Monitoring Committee (PMC).
 - (v) Report submitted by Program Monitoring Committee (PMC).
- b. The amount of the grant shall be adjusted on submission of utilization certificate & detailed expenditure statement by University/Institution. On receipt of these documents, the total amount of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid adjusted.

V. General instructions

- a. Preferably 10% of the participants may be industry professionals deputed by industry. Further, not more than 2 participants shall be from the host institution/group of institutions.
- b. The grant released/or part thereof, if remains unutilized for any reason after expiry of stipulated time period (for any reasons to include unspent amount, interest, penalty if imposed) shall be refunded back to AICTE in the form of RTGS payable to Member Secretary, AICTE, New Delhi. The bank details of AICTE are as under:-

Account No	: 55113199952
Name of the Account Holder	: Member Secretary, AICTE, New Delhi
Bank Name	: State Bank of India
Branch Name	: Shastri Bhawan, New Delhi
IFSC Code	: SBIN0050203

- c. The STTP is a residential program of a duration of six days with minimum 40 participants. The approved STTP shall be conducted within six months from the date of release of funds.
- d. If programme is not conducted within the period of six months of the release of the 100% grant, the released amount, alongwith interest accrued thereon, has to be necessarily returned back to AICTE within a month through RTGS.
- d. The expenditure under the Heads 'Honorarium to Course Coordinator' and 'Honorarium to Resource Persons' shall not exceed 1% & 20% respectively of the total sanctioned grant for the Programme. However, overall expenditure shall not exceed the funds sanctioned for the Programme.
- g. Any extra money required to complete the programme must be borne by the institute from their own resources. But the quality of the activities should not be compromised.
- h. Any unavoidable circumstantial change in the program with respect to name of Project Coordinator, Venue and date for organizing STTP would mandatorily require prior approval of the Council. All such requests should be addressed to AICTE, in advance, recording the specific reasons for proposed changes, failing which the offer for the grant already issued would be treated as automatically withdrawn and the financial assistance released in favour of the beneficiary institution shall be refunded immediately to the Council. Kindly mention the File No. 34-66/58/FDC/STTP/Policy-1/2019-20 in your future correspondence.
- i. **Steering Committee/Project Monitoring Committee (PMC)** is required to be constituted at institutional level. The constitution of the PEC shall be as under:

- (iii) Two HoDs and one subject expert (members).

The members of the said PMC shall not be below the rank of Associate Professor. A test shall be conducted by Project Monitoring Committee (PMC) at the end of the program and the certificates shall be issued to those participants who have attended the program and have qualified in the test. The minutes of the meetings, along with PMC report, are to be submitted to the Council at end of the program along with other mandatory documents.

- j. **GoI GFR rules** (@<https://doe.gov.in/order-circular/general-financial-rules2017-0>) should be followed during utilization of grant.
- k. This Sanction Order may be treated as Offer Letter for all purposes.

NOTE:- Any deviation from the above will invoke serious action against the Institute.

Yours sincerely,

(Col. B Venkat)
Director (FDC)

Copy forwarded for information and necessary action to: -

1. **Name and Address of the Coordinator**
Dr. AJOY JOSEPH
SRINIVAS INSTITUTE OF TECHNOLOGY
SRINIVAS CAMPUS VALACHIL, ARKULA VILLAGE FARANGIPETE POST MANGALORE
Karnataka574219
2. **The Registrar / Director / Principal**
SRINIVAS INSTITUTE OF TECHNOLOGY
SRINIVAS CAMPUS VALACHIL, ARKULA VILLAGE FARANGIPETE POST MANGALORE
Karnataka574219
3. **Guard File**

PRINCIPAL
SRINIVAS INSTITUTE OF TECHNOLOGY
Valachil, Merlapadavu
Farangipete Post, Mangaluru-574 119

L.No. 04/02/2020-21/1/EA

Date: 04.08.2020

Sanction Letter

To,

The Principal,

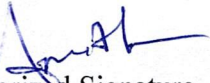
SRINIVAS INSTITUTE OF TECHNOLOGY

Sir,

Sub: Sanction order titled "Structural design and drawing of two storied residential building of 62000 sq.ft." – Reg.

We are pleased to inform you that your project proposal titled "Structural design and drawing of two storied residential building of 62000 sq.ft." has been sanctioned by the Management of Endeavour Associates. The project has to be completed within the promised time of 4 months and with the quoted amount of Rs.1,20,000/-. The management will release 25% of the quoted amount as a first Instalment We hope the project will be executed as soon as possible.

Thanking you,



Authorized Signature.

(Endeavour Associates)



PRINCIPAL

SRINIVAS INSTITUTE OF TECHNOLOGY

Valachil, Merlapadavu

Farangipete Post, Mangaluru-574 143

L.No. MG/20-21/4

Date: 16.09.2020

Sanction Letter

To,
The Principal,
SRINIVAS INSTITUTE OF TECHNOLOGY

Sir,

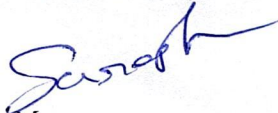
Sub: Sanction order titled "Project sanction order of the proj P, CI" Design of fully Computerized Revenue Schema.

I am writing this letter representing the MG Informatics Private Limited, Hyderabad, in the position of Manager, to inform you that our company has accepted the proposal for work on the project of "Design of fully Computerized Revenue Schematize System".

Our management have gone through the entire proposal and have taken the decision to take the next plan of action. The amount Rs. 35000/- has been sanctioned for the implementation. We expect you to start the project in the mid of December 2020. We are quite hopeful that the project idea would turn out to be very productive for both of us. The maximum time duration of the project is four months.

Thank you for engaging with us.

Yours Sincerely,



Manager



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

Ref:Maximal/Projects/2020-21

Date:16-Jul-2020

PROJECT SANCTION ORDER

To,

The Principal,

SRINIVAS INSTITUTE OF TECHNOLOGY
Valachil

Sir,

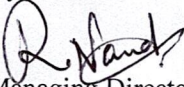
Sub:Sanction of the project titled "Safety system designfor Human:Inside Vehicle" - Reg.
Ref:Your letter Dt:04-05-2020.

Sir,

The R&D division of our organization after examining your project proposal titled"Safety system design for Human: insideVehicle"is satisfied with viability and importance. In this regard I am pleased inform you that an amount of Rs.60,000/- has been sanctioned to execute the project. The amount will be released after the successful completion of the project subject to following terms and conditions:

The project should be completed within.six months after acceptanceof this letter.

Any part ofthe sanctioned amount which isunutilized should be reverted back to the "Surya Tech Solutions, Hyderabad".


Managing Director


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