

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 2021-2022

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ಕರ್ನಾಟಕ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಅಕಾಡೆಮಿ

ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಇಲಾಖೆ, ಕರ್ನಾಟಕ ಸರ್ಕಾರ

ಪ್ರೊ.ಯು.ಆರ್.ರಾವ್ ವಿಜ್ಞಾನ ಭವನ, ತೋಟಗಾರಿಕೆ ವಿಜ್ಞಾನಗಳ ಕಾಲೇಜು ಮಹಾದ್ವಾರದ ಪಕ್ಕ, ಮೇಜರ್ ಸಂದೀಪ್ ಉನ್ನಿಕ್ಯಪ್ಪನ್ ರಸ್ತೆ,
ದೊಡ್ಡಬೆಟ್ಟಹಳ್ಳಿ ಬಡಾವಣೆ, ವಿದ್ಯಾರಣ್ಯಪುರ ಪೋಸ್ಟ್, ಬೆಂಗಳೂರು - 560097;

ದೂರವಾಣಿ: 080-29721550, ಇ-ಮೇಲ್: ksta.gok@gmail.com, website:www.kstacademy.in

ನಂ. ಕ.ವಿ.ತಂ.ಅ./ಕಾರ್ಯಕ್ರಮ/21/2021-2022

ದಿನಾಂಕ: 25.04.2022

ಮಾನ್ಯರೇ,

ವಿಷಯ: 2021-22ನೇ ಸಾಲಿನಲ್ಲಿ ಅಲ್ಪಮೊತ್ತದ ಯೋಜನೆಯಡಿ ಸಲ್ಲಿಸಿದ ಪ್ರಸ್ತಾವನೆಗೆ ಅನುದಾನ ಬಿಡುಗಡೆ ಮಾಡುತ್ತಿರುವ ಬಗ್ಗೆ.

ಮೇಲ್ಕಂಡ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ, 2021-2022ನೇ ಸಾಲಿನಲ್ಲಿ "3 Days Hands-on Workshop on Internet of Things using to T Development Kit" ಯೋಜನೆಯ ಪ್ರಸ್ತಾವನೆಯನ್ನು ಪರಿಶೀಲಿಸಲಾಗಿದ್ದು, ಅದರಂತೆ ಅಕಾಡೆಮಿಯು ಮಂಜೂರು ಮಾಡಿರುವ ಅನುದಾನದ ಮೊತ್ತ ರೂ. 20,000/-ಗಳನ್ನು ದಿನಾಂಕ: 30.03.2022 ರಂದು ಎನ್.ಇ.ಎಫ್.ಟಿ. ಮೂಲಕ ಕಾಲೇಜಿನ ಬ್ಯಾಂಕ್ ಖಾತೆಗೆ ವರ್ಗಾವಣೆ ಮಾಡಲಾಗಿದೆ (UTR No. SBIN222089188120).

ಷರತ್ತು ಮತ್ತು ನಿಬಂಧನೆಗಳು:

1. ಉದ್ದೇಶಿತ ಕಾರ್ಯಕ್ರಮವನ್ನು ಕಾಲಮಿತಿಯೊಳಗೆ ಪೂರ್ಣಗೊಳಿಸುವುದು.
2. ಉದ್ದೇಶಿತ ಯೋಜನೆಗೆ ಬಳಸಿಕೊಳ್ಳಲಾದ ಅನುದಾನವನ್ನು ನೋಂದಾಯಿತ ಲೆಕ್ಕ ಪರಿಶೋಧಕರಿಂದ (Registered Chartered Accountant) ಆಡಿಟ್ ಮಾಡಿಸಿ ಯೋಜನಾ ವರದಿಯೊಂದಿಗೆ ಉಪಯೋಗತಾ ಪ್ರಮಾಣ ಪತ್ರವನ್ನು ದ್ವಿಪ್ರತಿಯಲ್ಲಿ ಅಕಾಡೆಮಿಗೆ ಸಲ್ಲಿಸುವುದು.
3. ಅನುದಾನ ಉಳಿಕೆಯಾದಲ್ಲಿ ಬಡ್ತಿ ಸಮೇತ ಅಕಾಡೆಮಿಗೆ ನೀಡುವುದು.
4. ಉದ್ದೇಶಿತ ಯೋಜನೆಯನ್ನು ಕಾಲಮಿತಿಯೊಳಗೆ ಪೂರ್ಣಗೊಳಿಸಲು ವಿಫಲರಾದಲ್ಲಿ ಬಿಡುಗಡೆಯಾದ ಅನುದಾನವನ್ನು ಅಕಾಡೆಮಿಗೆ ಸೂಕ್ತ ಕಾರಣಗಳೊಂದಿಗೆ ಹಿಂದಿರುಗಿಸುವುದು.

ವಂದನೆಗಳೊಂದಿಗೆ,

ತಮ್ಮ ವಿಶ್ವಾಸಿ,

ಮುಖ್ಯ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಧಿಕಾರಿ

ಇವರಿಗೆ,

Principal

Srinivas Institute of Technology,
Mangalore

ಪ್ರತಿ: 1. Dr Soorya Krishna K, Prof. & Head, Dept. of ECE, Srinivas Institute of Technology, Mangalore - 574143

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

Karnataka Science and Technology Academy

Science and Technology Department, Government of Karnataka

Contact: 080-2972150, Email: ksta.gok@gmail.com, Website: www.kstacademy.in

Ref No.: 2.3o.e./a02€yd/21/2021-2022 Date: 25.04.2022

Dear Sir/Madam,

For the academic year 2021-22, the balance of the approved budget has been allocated towards the event titled "**3 Days Hands-on Workshop on Internet of Things using IoT Development Kit**", which was conducted as scheduled.

The balance amount of Rs. 20,000/-, UTR No. SBIN222089188120 was remitted on 30.03.2022. The details of the transactions are as follows:

1. The fees for the resource persons.
2. Costs associated with the venue and logistical arrangements.
3. Payments made to the registered chartered accountant for audit purposes.
4. Other miscellaneous expenses associated with the event organization.

Thank you for your attention to these details.

Sincerely,

Chief Operating Officer

To,

Principal

Srinivas Institute of Technology, Mangalore

Cc: Dr. Soorya Krishna K, Professor & Head, Dept. of ECE, Srinivas Institute of Technology, Mangalore – 574143


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

UTILIZATION CERTIFICATE

SCHEME: KSTA SPONSORED WORKSHOP

PROJECT TITLE: 3 Days Hands-on Workshop on "Internet of Things using IoT Development Kit".

Sl. No.	Details	Amount
1	Grants Received from KSTA (dated 30-03-2022 from SBI Bank Account SBIN222089188120)	Rs. 20,000/-
2	Actual Grants Utilized	Rs. 20,000/-
3	Statement of Expenditure Enclosed	Rs. 20,000/-
4	Unspent Balance	Nil

Certified that **Rs. 20,000/-** of grant-in-aid was released by Karnataka Science and Technology Academy (KSTA) in favour of **Srinivas Institute of Technology, Mangalore** vide letter No. Ka. Vi.Tam Aa/21/2021-2022 dated 25.04.2022. The above grant was sanctioned towards "**3 Days Hands-on Workshop on Internet of Things using IoT Development Kit**". All the sanctioned grant of Rs. 20,000/- has been utilized for the purpose of which it was sanctioned. Expenditure incurred for the purpose for which the grant was sanctioned is verified with the vouchers produced before me.

Certified that I have satisfied myself that the conditions on which the grant-in-aid was sanctioned have been fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

**Signature and Address of
the Project Coordinator**

(Dr. Soorya Krishna K
HOD, Department of ECE
SIT, Mangalore)

**Signature with Seal
Chartered Accountant**

**(F.R.No:)
UDIN:**

Signature of the Head of Institution and Seal

CONTINUATION SHEET

Statement of Expenditure for the Project Titled "3 Days Hands-on workshop on Internet of Things using IoT Development Kit".

Sl. No.	Particulars	Total Expenses (Rs.)
1	Total Grants Received	20,000/-
Expenditure Break Up (Each Item wise as approved and sanctioned of Non-Recurring Equipment)		
	Non-Recurring (NRE)	Amount (Rs.)
NR1	Speaker Honorarium	16,000/-
NR2	ESP8266 NOD MCU and USB Cables	3,650/-
NR3	Snacks and Stationary Items	350/-
	Total of Non-Recurring Expenditure	20,000/-
2	Total Expenditure	20,000/-
	Unspent Balance (1-2)	Nil

CERTIFICATE

Certify that we have verified the disbursement of Rs. 20,000/- (Twenty Thousand only) towards Expenditure as mentioned above.

We have exercised the verification of vouchers and supporting documents to see that the money was actually utilized for the purpose for which it was sanctioned.

Place: Mangaluru
Date: 6-12-2022

**Signature and Address of
the Project Coordinators**

(Dr. Soorya Krishna K

)
HOD, Department of ECE
SIT, Mangalore)

Signature of the Head of Institution and Seal

**Signature with Seal
Chartered Accountant**

(F.R.No:

UDIN:

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

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012
Website: www.kscst.org.in || Email: spp@kscst.org.in || Tel: 080-2334 1652,2334 8848/49/40

45th series of Student Project Programme (SPP): 2021-22

List of Student Project Proposals Approved for Sponsorship

152. SRINIVAS INSTITUTE OF TECHNOLOGY, MANGALURU

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	BUDGET RECOMMENDED
1117.	45S_BE_2137	ROBOTIC ARM INSTALLED FRUIT PLUCKING UAV- BASED ON AI	B.E.	AERONAUTICAL ENGINEERING	Mr. SRINIDHI KUKKILA	Ms. NAVNEET SONI Mr. NAVEEN KUMAR TM Mr. VARDHAMAN R VASAWADE Mr. NITHIN KUMAR HK	12,000.00
1118.	45S_BE_2738	SIGNAL JAMMING AND COMMUNICATION INTERRUPTION USING QUAD TILT WING VERTICAL TAKEOFF AND LANDING UNMANNED AERIAL.VEHICLE TECHNOLOGY FOR THE APPLICATION OF ANTI DRONE	B.E.	AERONAUTICAL ENGINEERING	Dr. GANGADHARA RAO	Ms. BABITHA C M Ms. AMRTHESWARI B U Mr. NITHIN V Mr. SUPRITH D R	12,000.00
1119.	45S_BE_2784	VORTEX BASED MULTI-BLADES WINDMILL	B.E.	AERONAUTICAL ENGINEERING	DR. RAMAKRISHNA N HEGDE	Ms. SHWETA IRAGAR Ms. SNEHA K M Ms. BHARANI G Mr. DEVEGOUDA	12,000.00
1120.	45S_BE_3700	ENERGY GENERATION USING FLYWHEEL AND MAGNETS	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mr. LOKESH B	Mr. CHIRAG G POOJARY Mr. KARTHIK B Mr. SAJITH Ms. VIJETHA K NAIK	7,000.00
1121.	45S_BE_3722	IMPLEMENTATION OF AGROVOLTAICS	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Mr. HARSHITH K	Mr. K RAHUL BHAT Mr. RAJANARAYANA T Mr. VINODRAJ M B Mr. PRASHANTHA B	8,000.00
1122.	45S_BE_2108	IOT BASED QUADCOPTER FOR FARM SURVEILLANCE WITH OBJECT AND FACE RECOGNITION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Prof. BHEEMA SHASTRY C Mrs. FLAVITA JANICE PINTO	Mr. ASHWAL D KOUSHIK Mr. AZIM MUHAMMAD Mr. AKSHAY Mr. AVINASH S	7,000.00
1123.	45S_MBA_023	A NOVEL APPROACH TOWARDS SMART AGRICULTURE USING SOLAR PANEL	M.B.A	HUMAN RESOURCE AND MARKETING	Mr. AJOY S JOSEPH Ms. RASHMI	Ms. RASHMI K Mr. KISHAN K SHEETY Mr. SACHIN BHANDARY Mr. SHAREEF S H	4,500.00
1124.	45S_BE_0565	TULU ASSIST(DUNIPU)[LOCAL LANGUAGE VOICE ASSISTANT]	B.E.	INFORMATION SCIENCE AND ENGINEERING	Dr. ANOOP B K Mr. ATHMARANJAN K	Mr. RAKSHAN B N Mr. PRANAV P RAO Ms. SONALI T CHOWTA Ms. SOWMITHRI B S	4,500.00

1125.	45S_BE_2520	IMPLEMENTATION OF WATER MANAGEMENT IN AGRICULTURE USING IOT FOR SMALL FARMS	B.E.	MARINE ENGINEERING	Mr. VIVEK V KUMAR	Mr. SAVAN P Mr. SUPRITH ARUN KUMAR Mr. NAGABHARAN A POOJARY Mr. SWASTHIK	8,000.00
1126.	45S_BE_3049	DESIGN FABRICATION AND ANALYSIS OF HYBRID SOLAR BANANA DRYER	B.E.	MECHANICAL ENGINEERING	Dr. SHANKAR K S	Mr. NIHAL CARDOZA Mr. NAVEENBABU N Mr. PRASAD DHARMA NAIK Mr. SAHID RAMEEZ	8,000.00

Note:

- The sanctioned amount will be credited to the college bank account by NEFT.
- The evaluation of the above projects will be conducted via online mode during May / June 2022.
- Participation in the online evaluation process is mandatory, failing which the project will be considered incomplete and will be withdrawn from the list and sanctioned amount shall be returned to KSCST.
- After completion of the projects, a softcopy of the report prepared as per the format prescribed by RESPECTIVE UNIVERSITIES shall be uploaded (PDF format in a single file only) in the GOOGLE FORMS provided on the website.
- Any corrections with respect to the names of the guide and students shall be requested at spp@kscst.org.in.

Transaction Details:

NAME OF THE ACCOUNT	DATE OF TRANSACTION	DESCRIPTION	TRANSFERRED AMOUNT
SRINIVAS INSTITUTE OF TECHNOLOGY	03-06-22	NEFT DR- P154220172605916- SRINIVAS INSTITUTE OF TECHNOLOGY- MAHB0000381- BLR IISCNUL	83,000.00





SRINIVAS INSTITUTE OF TECHNOLOGY



(ENGINEERING COLLEGE OF SRINIVAS GROUP)

Approved by AICTE New Delhi, Govt. of Karnataka, Bangaluru

and Affiliated to Visvesvaraya Technological University, Belagavi

Corp.Off : Hotel Srinivas Building, G.H.S. Road, Mangaluru - 575 001

Phone No.: (0824)- 2425966, 2421566, 2444891 Fax : (0824) - 2442766, 2423302

E-mail : info@srinivasgroup.com raghmegh@rediffmail.com

UTILISATION CERTIFICATE

KSCST : STUDENT PROJECT PROGRAMME – 45th SERIES

Date: 01/12/2022

This is to certify that *Srinivas Institute of Technology, Mangaluru*. (Name of the institution) having its office / institution at *Valachil, Farangipete (post), Mangaluru, Dakshina Kannada-574143* (address) Karnataka has been granted a sum of *Rs. 83,000 (Rs. Eighty three Thousand)* (amount in words) has been credited vide NEFT: *P154220172605916* (Transaction Id) dated *03-06-22* (Transaction date) to *Bank of Maharashtra* (Name of the bank credited). Account No. *20065018298* from Karnataka State Council for Science and Technology (KSCST) vide their Grant sanction letter Ref. No. *7.1.03/SPP/ 91* dated *11th May, 2022* towards *45th Series Student Project Programme (SPP) - 1) 45S_BE_2137, 2) 45S_BE_2738, 3) 45S_BE_2784, 4) 45S_BE_3700, 5) 45S_BE_3722, 6) 45S_BE_2108, 7) 45S_MBA_023, 8) 45S_BE_0565, 9) 45S_BE_2520, 10) 45S_BE_3049.*

The college has incurred the expenditure of *Rs 83,000 (Rs. Eighty three Thousand)* (Amount in words) towards the said project/s.

All the expenditure voucher / invoices are duly accounted by the college and is authenticated by the Principal and Accounts Officer / Finance Officer of our institution.

The above information is extracted from the books of accounts and documents produced before us and information and explanations provided to us. We further certify that, we have verified the relevant books of accounts and documents / bills / vouchers and found that the said amount has been utilized for the purposes as laid down by the Karnataka State Council for Science and Technology (KSCST). This certificate is provided by us at the specific request of Karnataka State Council for Science and Technology (KSCST) to evidence the utilization of grants in terms of above referred grant sanction letter dated *11th May 2022*.

Signature of the Principal
PRINCIPAL
SRINIVAS INSTITUTE OF TECHNOLOGY
Valachil, Merlapadavu
Farangipete Post, Mangaluru-574143

Date: 01/12/2022
Place: Mangaluru

Signature of the Finance / Accounts Officer
with Seal

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



FORM GFR 19-A

UTILIZATION CERTIFICATE

KSCST : STUDENT PROJECT PROGRAMME – 45th SERIES

Sl. No.	Letter No. and date	Amount (Rs.)	Certified that KSCST has provided partial financial support of Rs. 83,000 (Rs. Eighty three Thousand) towards Student Project Programme - 45 th Series
1	Ref. No. 7.1.03/SPP/ 91 dated 11 th May, 2022	83,000	A sum of Rs 83,000 (Rs. Eighty three Thousand) only has been utilized for the purpose of Student Project Programme for which it was sanctioned.

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

Kinds of Checks exercised.

01. Cash Book
02. Vouchers

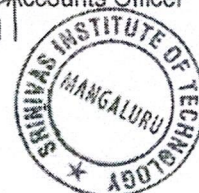
SI No	Project Proposal Ref. No.	Title of the Project	Department/ Guide	Amount Sanctioned by KSCST	Amount Utilized by the College	Balance if any to be refunded to KSCST
1.	45S_BE_2137	ROBOTIC ARM INSTALLED FRUIT PLUCKING UAV- BASED ON AI	AERONAUTICAL ENGINEERING/ Mr. SRINIDHI KUKKILA	12,000.00	12,000.00	--
2.	45S_BE_2738	SIGNAL JAMMING AND COMMUNICATION INTERRUPTION USING QUAD TILT WING VERTICAL TAKEOFF AND LANDING UNMANNED AERIAL VEHICLE TECHNOLOGY FOR THE APPLICATION OF ANTI DRONE	AERONAUTICAL ENGINEERING/ Dr. GANGADHARA RAO	12,000.00	12,000.00	--
3.	45S_BE_2784	VORTEX BASED MULTI-BLADES WINDMILL	AERONAUTICAL ENGINEERING / DR. RAMAKRISHNA N HEGDE	12,000.00	12,000.00	--

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4.	45S_BE_3700	ENERGY GENERATION USING FLYWHEEL AND MAGNETS	ELECTRICAL AND ELECTRONICS ENGINEERING/ Mr. LOKESH B	7,000.00	7,000.00	--
5.	45S_BE_3722	IMPLEMENTATION OF AGROVOLTAICS	ELECTRICAL AND ELECTRONICS ENGINEERING/ Mr. HARSHITH K	8,000.00	8,000.00	--
6.	45S_BE_2108	IOT BASED QUADCOPTER FOR FARM SURVEILLANCE WITH OBJECT AND FACE RECOGNITION	ELECTRONICS AND COMMUNICATION ENGINEERING/ Prof. BHEEMA SHASTRY C & Mrs. FLAVITA JANICE PINTO	7,000.00	7,000.00	--
7.	45S_MBA_023	A NOVEL APPROACH TOWARDS SMART AGRICULTURE USING SOLAR PANEL	M.B.A HUMAN RESOURCE AND MARKETING/ Mr. AJOY S JOSEPH & Ms. RASHMI	4,500.00	4,500.00	--
8.	45S_BE_0565	TULU ASSIST(DUNIPU)[LOCAL LANGUAGE VOICE ASSISTANT]	INFORMATION SCIENCE AND ENGINEERING/ Dr. ANOOP B K & Mr. ATHMARANJAN K	4,500.00	4,500.00	--
9.	45S_BE_2520	IMPLEMENTATION OF WATER MANAGEMENT IN AGRICULTURE USING IOT FOR SMALL FARMS	MARINE ENGINEERING/ Mr. VIVEK V KUMAR	8,000.00	8,000.00	--
10.	45S_BE_3049	DESIGN FABRICATION AND ANALYSIS OF HYBRID SOLAR BANANA DRYER	MECHANICAL ENGINEERING/ Dr. SHANKAR K S	8,000.00	8,000.00	--

Signature of the Principal
Principal
SRINIVAS INSTITUTE OF TECHNOLOGY
Valachil, Merlapadavu
Farangipete Post, Mangaluru-574 143

Signature of the Finance / Accounts Officer
with Seal



Date: 01/12/2022
Place: Valachil Mangaluru

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



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

11th May, 2022

Ref: 7.1.01/SPP/91

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

Dear Sir/Madam,

Sub : Sanction of Student Project - 45th Series: Year 2021-2022

Project Proposal Reference No. : 45S_BE_2108

Ref : Project Proposal entitled IOT BASED QUADCOPTER FOR FARM SURVEILLANCE WITH OBJECT AND FACE RECOGNITION

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 45th Series". The project details are as below:

Student(s)	Mr. ASHWAL D KOUSHIK	Department	ELECTRONICS AND COMMUNICATION ENGINEERING
	Mr. AZIM MUHAMMAD		
	Mr. AKSHAY		
	Mr. AVINASH S		
Guide(s)	Prof. BHEEMA SHASTRY C	Sanctioned Amount (in Rs.)	7,000.00
	Mrs. FLAVITA JANICE PINTO		

Instructions:

- The project should be performed based on the objectives of the proposal submitted.
- Any changes in the project title, objectives or students team is liable for rejection of the project and your institution shall return the sanctioned funds to KSCST.
- Please quote your project reference number printed above in all your future correspondences.
- After completing the project, 2 to 3 page write-up (synopsis) needs to be uploaded on to the following Google Forms link <https://forms.gle/YMn9K7XETu96i8KbA>. The synopsis should include following:
 - Project Reference Number
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords
 - Introduction / background (with specific reference to the project, work done earlier, etc) - about 20 lines
 - Objectives (about 10 lines)

- 8) Methodology (about 20 lines on materials, methods, details of work carried out, including drawings, diagrams etc)
- 9) Results and Conclusions (about 20 lines with specific reference to work carried out)
- 10) Scope for future work (about 20 lines).
- e) In case of incompetet projects, the sanctioned amount shall be returned to KSCST.
- f) The sanctioned amount will be transferred by NEFT to the bank account provided by the College/Institute.
- g) The sponsored projects evaluation will be held in the Nodal Centre/Online Mode and the details of the same will be intimated shortly by email / Website announcement.
- h) After completion of the project, soft copy of the project report duly signed by the Principal, the HoD, Guide(s) and studetn(s) shall be uploaded in the following Google Forms Link <https://forms.gle/PciAaAVisn6bn8AM7>. The report should be prepared in the format prescribed by the university.

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

Thanking you and with best regards,

Yours sincerely,




(H. Hemanth Kumar)

Copy to:

- 1) The HoD
ELECTRONICS AND COMMUNICATION ENGINEERING
SRINIVAS INSTITUTE OF TECHNOLOGY, MANGALURU
- 2) Prof. BHEEMA SHASTRY C Mrs. FLAVITA JANICE PINTO
ELECTRONICS AND COMMUNICATION ENGINEERING
SRINIVAS INSTITUTE OF TECHNOLOGY, MANGALURU
- 3) THE ACCOUNTS OFFICER
KSCST, BENGALURU


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

G R O U P N O	USN	NAME OF THE STUDENTS	PROJECT TITLES	PROJECT GUIDE
1	4SN18EC001 4SN18EC011 4SN18EC030 4SN18EC033	ABDUL SHAHEEL BHAGYASHREE V K PRIYATHA SHARANYA K	AUGUMENTATIVE COMMUNICATION FOR DEAF AND DUMB	PROF. FLAVITA PINTO
2	4SN18EC029 4SN18EC027 4SN18EC017 4SN18EC038	PRANIL SHETTY POORVI KULKARNI KEERTI MUDASI SUSHMA	AGRIMONITORING SYSTEM FOR ESTIMATION OF NPK AND pH IN SOIL ALONG WITH CROP RECOMMENDATION AND LEAF DISEASE DETECTION USING MACHINE LEARNING	PROF. NAGALAKSHMI


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SRINIVAS INSTITUTE OF TECHNOLOGY
 Valachil, Marathwada
 Faranagpur, Dist. Jalgaon, Gujarat - 382001



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

No.7.1.01/SPP/100

17th May 2022

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

Dear Sir/Madam,

Sub: Project approval under the 45th series Student Project Programme (SPP)

Greetings from Karnataka State Council for Science and Technology!

I am pleased to inform you that the evaluation committee of SPP has selected the projects (list attached) submitted by your institution for sponsorship under the 45th series Student Project Program. We expect some of these sponsored projects to result in the development of prototypes, products, or services.

The sanctioned amount will be transferred by NEFT to the bank account provided by your institution and the transaction details will be shared with your office shortly. The sanction orders for each of these projects will also be sent by email to the designated SPP coordinator (as mentioned in the project proposals) of your institution.


Further, the program schedule for the next phase of evaluation scheduled for June 2022 will be shared with the project guides, students, and the SSP coordinator.

Thanking you and with best regards,

Yours Sincerely,

(H. Hemanth Kumar)

Encl.: List of Projects selected from your institute.


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



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Mr. H. Hemanth Kumar

Executive Secretary

11th May, 2022

Ref: 7.1.01/SPP/91

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

Dear Sir/Madam,

Sub : Sanction of Student Project - 45th Series: Year 2021-2022

Project Proposal Reference No. : 45S_BE_2520

Ref : Project Proposal entitled **IMPLEMENTATION OF WATER MANAGEMENT IN AGRICULTURE USING IOT FOR SMALL FARMS**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 45th Series". The project details are as below:

Student(s)	Mr. SAVAN P	Department	MARINE ENGINEERING
	Mr. SUPRITH ARUN KUMAR		
	Mr. NAGABHARAN A POOJARY		
	Mr. SWASTHIK		
Guide(s)	Mr. VIVEK V KUMAR	Sanctioned Amount (in Rs.)	8,000.00

Instructions:

- The project should be performed based on the objectives of the proposal submitted.
- Any changes in the project title, objectives or students team is liable for rejection of the project and your institution shall return the sanctioned funds to KSCST.
- Please quote your project reference number printed above in all your future correspondences.
- After completing the project, 2 to 3 page write-up (synopsis) needs to be uploaded on to the following Google Forms link <https://forms.gle/YMn9K7XETu96i8KbA>. The synopsis should include following:
 - Project Reference Number
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords
 - Introduction / background (with specific reference to the project, work done earlier about 20 lines

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Srinivas Institute of Technology
Department of Aeronautical Engineering
Projects identified for VTU funding

Sl. NO	USN	NAME	Batch No	Guide	Title	Amount in Rs
1	4SN18AE010	Dinanath J R	B4	Prof. Lokesh K S	3D Printing Using Plastic Bottles	5000
2	4SN18AE014	K Kavya				
3	4SN18AE029	Rakshitha B N				
4	4SN18AE039	Yashaswini A S				
5	4SN18AE016	Kiran Onarotti	B9	Prof. Jagadeesh B	Object Detection and Drone Trapping System	5000
6	4SN18AE023	Nithesh Biradar				
7	4SN18AE034	Suraj K				
8	4SN18AE038	Yallappa R Kamanahalli				


HOD

Head of the Department
Aeronautical Engineering
Srinivas Institute of Technology
Merlapadav, Mangalore-574143


Project Coordinator


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



SRINIVAS INSTITUTE OF TECHNOLOGY

(ENGINEERING COLLEGE OF SRINIVAS GROUP)

Approved by AICTE New Delhi, Govt. of Karnataka, Bangalore
and Affiliated to Visvesvaraya Technological University, Belagavi
Corp.Off : Hotel Srinivas Building, G.H.S. Road, Mangaluru - 575 001

Phone No.: (0824)- 2425966, 2421566, 2444891 Fax : (0824) - 2442766, 2423302

E-mail : info@srinivasgroup.com raghmegh@rediffmail.com



11/07/2022

VTU FINANCIAL ASSISTANCE FOR INNOVATIVE PROJECTS FOR FINAL YEAR UG STUDENTS 2021-22

Ref: VTU circular: VTU/BGM/Aca/A-12/VTU-FA/2021-22/ 1366 dated 07/06/2022

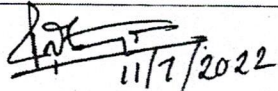
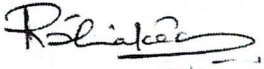
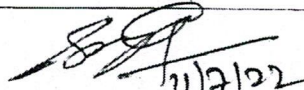

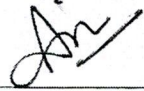


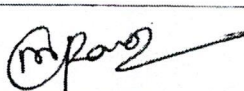
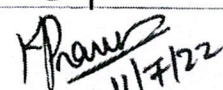
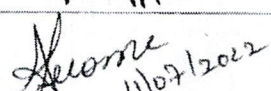
Proceedings of the Selection committee meeting (online) held on 11/07/2022

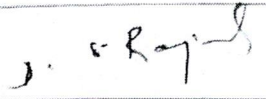
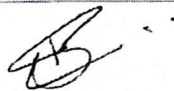
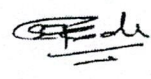
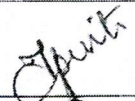
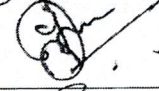

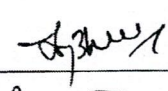
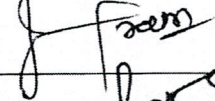
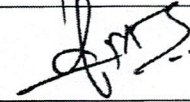
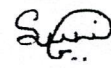
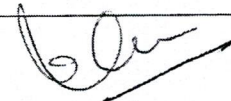
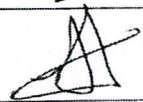
Meeting platform : WebEx

Meeting

link: <https://srinivas.webex.com/srinivas/j.php?MTID=me816ba9dd3782633146e7f92053cbea4>


Selection Committee members present


Sl. No.	Name	Department	Signature
1	Dr. Ramakrishna N. Hegde HOD	Aeronautical / Automobile Engineering	 11/7/2022
2	Prof. Ravishankara K HOD	Computer Science and Engineering	
3	Dr. Soorya Krishna K HOD	Electronics & Communication Engineering	 11/7/22
4	Prof. Lokesh. B HOD	Electrical & Electronics Engineering	
5	Dr. Anoop B. K HOD	Information Science and Engineering	
6	Dr. Shankar K. S HOD	Mechanical/Marine Engineering	
7	Dr. Prasad P HOD	Nano Technology	
8	Dr. Gangadhara Rao	Aeronautical Engineering	
9	Dr. Praveen V Shenoy	Aeronautical Engineering	 11/7/22
10	Prof. Jerome Anthony	Automobile Engineering	 11/07/2022


11	Dr. D. S Rajesh	Computer Science and Engineering	
12	Prof. Sudarshan K	Computer Science and Engineering	
13	Prof. Gourish Hegde	Electronics & Communication Engineering	
14	Prof. Flavita J Pinto	Electronics & Communication Engineering	
15	Dr. Jose Alex Mathew	Electrical & Electronics Engineering	
16	Prof. Harshith K	Electrical & Electronics Engineering	
17	Prof. Athmaranjan K	Information Science and Engineering	
18	Prof. Jayaram Thumbe	Mechanical Engineering	
19	Dr. Raghavendra M. J	Mechanical Engineering	
20	Prof. Sunil Prakash Rodrigues	Marine Engineering	
21	Prof. Vivek Vijay Kumar	Marine Engineering	
22	Dr. Shareefraju J U	Nano Technology	

A total of 18 projects from 9 departments have been shortlisted & selected based on the innovation/ merit & the presentations made by the students.

The committee recommends the project proposals enclosed here with to VTU for the award of Financial Assistance for Innovative Projects for Final Year UG Students 2021-22.


Dr. Shankar K. S
IPCC


Dr. Rohan Pinto
VTU Nominee
Associate Professor
Department of Electronics and Communication Engg.
St. Joseph Engineering College
Vamanjoor, Mangaluru - 575028


Dr. Shrinivasa Mayya D
Chairman
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SRINIVAS INSTITUTE OF TECHNOLOGY
Valachil, Merlapadavu
Farangipete Post, Mangaluru-574 143



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Farangipete Post, Mangaluru-574 143

List of the Selected Project Proposals

P. No.	Department	Title of the Project	USN	Student Name	Guide
1	Aeronautical Engg.	Developing natural fiber based hybrid composite Aircraft structure by using a single used plastic as a mould through 3 D printing technique	4SN18AE010	DINANATH J R	Prof. Lokesh K S
			4SN18AE014	K KAVYA	
			4SN18AE029	RAKSHITHA B N	
			4SN18AE039	YASHASWINI A S	
2		Object Detection and Drone Trapping System	4SN18AE016	KIRAN ONAROTTI	Prof.Jagadeesh
			4SN18AE023	NITHESH BIRADAR	
			4SN18AE034	SURAJ K	
			4SN18AE038	YALLAPPA R KAMANAHALLI	
3	Automobile Engg.	Design and Development of Equipment for Drying Agriculture Grains and Coffee Cherry.	4SN18AU009	GILSON STANLEY	Prof. Jerome Antony
			4SN18AU015	MOHAMMAD THUFAIL	
			4SN18AU016	MANOJ P G	
			4SN18AU025	SYED MOHTASHIM ALI	
4		Design and Fabrication of Solar Equipped Portable Electric Tiller Machine	4SN18AU026	UJWAL KIRAN	Prof.Girish A R
			4SN19AU402	MIDHUN	
			4SN18AU024	SHUBHA KH	
			4SN19AU400	DEEKSHITH	
5	Computer Science &Engg.	Smart cradle system for baby monitoring	4SN18CS011	ANUSHREE U.R.	Mrs. MAMATHA S.
			4SN18CS014	BHAVANA KV	
			4SN18CS019	DEEPAK SHARMA P	
			4SN18CS056	NIVEDITHA N	
6		Tulu character dataset creation and recognition	4SN18CS091	SHRIRAKSHA	Mr. SUDARSHAN K.
			4SN18CS076	SAHANA HR	
			4SN18CS090	SHRIDHAN S RAI	
			4SN18CS074	RITESH TD	
7	Electrical & Electronics Engg.	E-mob suncruiser	4SN18EE002	MR. CHARAN ALVA M	Mr. HARSHITH K
			4SN18EE006	MR. K P SRIVATSA	
			4SN18EE019	MR. VILAS H	
			4SN19EE406	MR. SWASTHIK N S	
8		Farmland surveillance and protection with smart irrigation system	4SN18EE003	MR. CHETHAN	Prof. BHEEMA SHASTRY
			4SN18EE017	MR. VIJAYARAJ A N	
			4SN19EE400	MR. HARIKRISHNAN K	
			4SN19EE404	MR. SASWATH K	
9	Electronics & Communication Engg.	Augumentative communication for deaf and dumb	4SN18EC001	ABDUL SHAHEEL	MRS FLAVITA PINTO
			4SN18EC011	BHAGYASHREE V K	
			4SN18EC030	PRIYATHA	
			4SN18EC033	SHARANYA K	
10		Agrimonitoring system for estimation of NPK and Ph in soil along with crop recommendation and leaf disease detection using	4SN18EC029	PRANIL SHETTY	MRS. NAGALAKSHMI
			4SN18EC027	POORVI KULKARNI	
			4SN18EC017	KEERTI MUDASI	
			4SN18EC038	SUSHMA	

		machine learning			
11	Information Science & Engg.	Detection of diabetic retinopathy using CNN	4SN18IS001	ABDUL KHADAR ANSHAD	Mr. MADHUSUDAN
			4SN18IS003	CHINTHAN B M	
			4SN18IS006	MOHAMMAD THOUSIF	
			4SN18IS007	MUHAMMAD ZAID C H	
12		Leaf disease detection using CNN model	4SN18IS002	ASHRITHA J ALVA	Mr. ATHMARANJAN K
			4SN18IS011	RAKSHITHA A	
			4SN18IS013	SHRUTHI V S	
			4SN18IS014	SHWETHA P	
13	Mechanical Engg.	Design and fabrication of pick and place robot for machine shop applications	4SN18ME043	RICHARD MICHAEL SANTHOSH	Mr. Sandesh M Prabhu
			4SN18ME047	SANJAY N	
			4SN18ME014	DHANASHYAM KV	
			4SN18ME055	VISHNUPRASAD H	
14		Design and fabrication of pesticide sprayer with rotary mechanism using solar energy	4SN17ME063	N S GANAPATI	Mr. U N Baipadithaya
			4SN18ME053	VIJETH A	
			4SN19ME407	VIGNESH K	
			4SN19ME405	NAVEEN KUMAR	
15	Marine Engg.	IOT based smart dehydrator for cocoa seeds	4SN18MR042	SMRITHI B S	Mr. VIVEK VIJAY KUMAR
			4SN18MR016	MANSI B M	
			4SN18MR039	SHAMAN BELLIAPPA K	
			4SN18MR036	SAAD SALMAN	
16		Performance assessment of bearing condition monitoring for early fault detection and diagnosis using expert system	4SN18MR027	NITISH GOWDA D J	Mr. NITHIN JOSHUVA
			4SN18MR007	BHIMANNA SANGAPPA BATAKURKI	
			4SN18MR008	GANGADHARA K M	
			4SN18MR001	ABHISHEK N S	
17	Nano Technology	Mechanical and radiation shielding studies of cement-nanocomposites	4SN18NT007	PAVAN A	Dr. PRASAD P.
			4SN18NT011	THANDRA PAAVAN KUMAR	
			4SN18NT012	VIJETH K S	
18		Agricultural micro nutrient release studies using polymer blend-nanocomposites	4SN18NT002	DHAIVIK HARSHAVARDHAN	Dr. SHAREEFRAJU J. UKKUND
			4SN18NT003	MOHAMMED HASNAIN RAZA	
			4SN18NT004	MOKSHITH G.	
			4SN18NT009	SAHIL B.	




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 Valachil, Merlapadavu
 Farangipete Post, Mangaluru-574 143

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 SUCETH 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.	

NEHA POLYMERS

Plot No.200/4, Phase - II, IDA Cherlapally, Hyderabad - 500051
Mfgrs of Plastic Moulded Components
email : rehapolymers@rediffmail.com

Neha/July/2020-21/6

Date: 15.07.2021

Sanction Letter

To,
The Principal,
SRINIVAS INSTITUTE OF TECHNOLOGY

Sub: Sanction Letter for the project proposal – Reg.

Sir,

On behalf of the Neha Polymers. Cherlapalli, Hyderabad, I am very pleased to convey the decision taken upon the administrative approval to sanction Rs.60,000/- (Sixty Thousand Rupees only) for the execution of the project titled **"Design of Die for injection moulding"**.

As per the decision, a grant amount will be released as the budget-in-aid to Manava Institute of Engineering & Technology, Cherlapally, Hyderabad for the execution of the project **"Design of Die for injection moulding"**, The maximum time period of the project is not more than twelve 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

Neha Polymers


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

Lr.No. Jocil/October/2021-22/6

Date: 21.10.2021

Sanction Letter

To,

The Principal,

SRINIVAS INSTITUTE OF TECHNOLOGY

Sub: Amount sanctioned to the project proposal titled **“Design and implementation of material handling system used for snaps manufacturing”** – Reg.

Sir,

I am very pleased to convey the decision taken upon the administrative approval to sanction Rs.1,00,000/- (One Lakh Rupees only) for the execution of the project titled **“Design and implementation of material handling system used for snaps manufacturing”**.

As per the decision, a grant amount will be released as the budget-in-aid to Manava Institute of Engineering & Technology, Cherlapally, Hyderabad for the execution of the project **“Design and implementation of material handling system used for snaps manufacturing”**, The maximum time period of the project is not more than six months.

Kindly note that

- The grant amount should be spent for the execution of project within the specified time period.
- 50% of the amount will be credited after sanction of the project and remaining 50% will be credited after completion of the project.
- Any part of the grant amount caused or not required shall be surrendered back.

Thanking you

Authorized Signature

Jocil Limited


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

L.No. Maximal/ 2021-22/Projects

Date: 06th Sept. 2021

Sanction Letter

To,

The Principal,

SRINIVAS INSTITUTE OF TECHNOLOGY

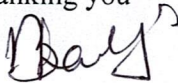
Sir,

Kind attention, Mr, A. N Venkateswarlu , EEE Dept. MIET.

Sub: Sanction of project titled “Design of PID Controller to Damp Oscillations in Isolated Grid Power system” –Reg.

I am very pleased inform you that your project title “Design of PID Controller to Damp Oscillations in Isolated Grid Power system” has been sanctioned by the Maximal Energy Pvt. Ltd.,. In this regard an amount of Rs.90,000/- has been sanctioned to execute as budget-in-aid for the project. 50% of the amount will be credited after sanction of the project and remaining 50% will be credited after completion of the project. The project should be completed within nine months after acceptance of this letter. The duration of the project will not be extended beyond eight months under any circumstances.

Thanking you



Ch. Bharadwaj

Manager (Operations)


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