

**3.2.1 - Details of grants received from Government and Non-governmental agencies for research projects, endowments, Chairs in the institution during the year (INR in lakhs),**

Sl. No	Name of the Principal Investigator/ Co-Investigator (if applicable)	Department of the Principal Investigator/ Co-Investigator	Name of the Funding Agency	Type (Government/ Non-Government)	Funds provided (INR in lakhs)	Month and Year of receiving the grant	Duration of the Project
1	Dr. T. Ch. Siva Reddy	Mechanical Engineering	AICTE	Government	5.54	02-09-22	2 years
2	Dr. G. S. Reddy	Mechanical Engineering	DRDO	Government	5.42	21-07-22	3 years
3	Dr. S.P.V SubbaRao , Ms. E Lavanya,, Ms. B Priyanka	ECE	Murata Electronics Singapore (Pte) Ltd., Singapore	NoN-Gov	15.34 LAKHS	01-06-22	1-Year
4	Dr. T.Ch Siva reddy, Dr. A Purusotham, Dr. SPV SubbaRao	ECE	AICTE Idea Lab	Gov	Rs 15Lakhs	01-09-22	1-Year
5	Dr. G Prasad Acharya Dr. V Jayaprakasan Dr. P Lavanya	ECE	TSCOST - DST Govt. of Telangana	Gov	Rs. 4.0 Lakhs	21-03-22	1-Year
6	Dr. Krishna Samall	ECE	MHRD Govt of India	Gov	Rs 1 Lakh	01-06-22	1-Year
7	Dr. Suneel Sankala	MBA	ICSSR	Non-Government	525000	28/04/2022	3 Years
8	Dr. B. Madhura	MBA	ICSSR	Government	60000	10-03-23	6 Months
9	Dr. V JayaPrakasan	ECE	IEEE	Non-Government	0.92	01-12-22	1Year



File No. STDC/MIC/GRANT/215/2021-22/ 39

Dated: 29.03.2022

**All India Council for Technical Education**  
(A Statutory body under Ministry of Education, Govt. of India)  
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: [www.aicte-india.org](http://www.aicte-india.org)

**Grant Support to Innovations - Sanction Letter**

To

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

**Sub:** Sanction of Rs. 400000/- ( Rs. Four Lakh only) being the Grant-in-Aid under the scheme of Grant Support to Innovations, MIC for the year 2021-22 payable during the current financial year 2021-22 to Sreenidhi ASCEND Centre for Entrepreneurship and Innovation.

Sir,

With reference to the approval of the Council, this is to convey the sanction for payment of Rs. 400000/- ( Rs. Four Lakh only) as Grant-in-Aid under the Grant Support to Innovations, MIC Scheme for Innovation titled 'New-Gen Funder' as per details given below: -

1.	Name and address of the Beneficiary Institution/ Institute / Incubation Unit	Sreenidhi ASCEND Centre for Entrepreneurship and Innovation, Sreenidhi Ascend, Sreenidhi Institute of Science and Technology, Yamsampet, Ghatkesar, Hyderabad, Telangana, Pin-501301
2.	Name of the Team Leader:	Katikan Ashutosh
3.	Duration of the scheme:	1 (one) year upto 31-03-2023
4.	Total Grant-in-aid Sanctioned:	Rs. 400000/-
5.	1 <sup>st</sup> Phase Amount (50% of Grant-in-Aid) to be released during the year 2021-22:	Rs.200000/-
6.	Sanctioned grant-in-aid is debitable to:	603.2 (a) General (MIC)
7.	The authorized officer in whose favour Cheque/ Demand Draft/ RTGS is to be made	Sreenidhi ASCEND Center for Entrepreneurship and Innovation

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 account of Director/Principal through RTGS/PFMS.
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.

**The instructions/guidelines to be followed by University/Institution/Incubation Unit****I. Release of funds**

- a. The Director/Principal is hereby requested to verify the correctness of the under mentioned bank account/ RTGS details submitted by them along with the proposal, in which the grant is being released:

Institute/ Incubation PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
ABGC4836E	Union Bank Of India	Sultanbazar Branch		Sreenidhi ASCEND Center for Entrepreneurship and Innovation	Current Account	020511010000006	UBIN0578347

In case of any omission the same should be reported to AICTE immediately.

- b. The sanction is issued in exercise of the powers delegated to the council and other terms & conditions laid down in the guidelines of the scheme.
- c. 50% of the total sanctioned project amount as grant-in-aid is being released to the Institute/ Incubation Unit. Next 50% will be released after 06 months or achieving 50% milestone, whichever is earlier, based on the framework developed by MIC. Student Development Cell will process the payment of next instalment on receipt of Satisfactory Report from MIC duly approved by Competent Authority.
- d. The activities related to the project for which funds have been disbursed shall be closely monitored by MIC.

**II. Maintenance of accounts**

- a. The Institute shall strictly follow the guidelines issued by this office.
- b. 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.
- c. The Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on the scheme/specified project.
- d. The Council or its nominee shall have the right to check/verify the account to satisfy that the fund has been utilized for the purpose for which it was sanctioned.
- e. The date of announcement of result by AICTE shall be taken as the commencement of the project. The Team / Start up can submit the details of expenditure with bills and vouchers at the incubation unit (or) institution for reimbursement of any expenses incurred by them towards procurement of equipment, materials, items for the innovation project work during the period between the announcement of result by AICTE and release of grant. In such cases, respective institution needs to verify the expense details and bills and ensure that these expenses were made for development of the innovation project sanctioned by AICTE only.
- f. The amount of interest accrued on the grant should be treated as part of the grant to be utilized for that particular project. However, the interest amount accrued along with grant disbursed should not exceed the total grant sanctioned for the project. The Institute receiving the grant should reflect the same in the audited statement of accounts/ utilization certificate and may either refund the interest amount to AICTE.
- g. After receipt of the grant from AICTE, the Institute/ Incubation Unit shall send a confirmation to AICTE within one (01) month of receipt of grant that the sanctioned project has been started/is in progress.

### III. Instructions for Implementation of project funds

1. Approximately 50-60% of the total fund granted to an innovation team can be used for technology development/process development/innovation refinement and market research. This budget category may include expenses incurred towards above activities, logistics and procurement of raw materials, expenses to carry out market research, mentorship and fees related to incubation services availed through incubation unit (if chargeable).
2. Up to 20% may be utilized towards cost of startup registration as per DPIIT norm and consultation, IP filing, legal and fulfillment of other regulatory compliances towards operationalization the startup activities and launch of product/services.
3. Up to 10% may be utilized towards participation fee and travel to represent or participate in any national level competition / exhibition/ training / workshop related Innovation/Startup/IPR
4. Up to 10% may be used for miscellaneous activities related to above categories.
5. Advance to student team lead can be given for the expense and settlement for which original receipt of expenses duly signed by student team lead will be submitted to the Institute on monthly basis.
6. A copy of summary of expenses should be provided to the students by Institute on monthly basis.
7. Guidelines regarding procurement of equipment, material & items for the Innovation Project Work and procedure for taking reimbursement of expenses are incorporated as Annexure -I of this Sanction Letter.

### IV. Refund of grant (by way of a demand draft in favor of Member Secretary, AICTE, New Delhi)

- a. In any case, if the institute is required to refund the grant or interest accrued thereon or balance amount, the amount will be refunded to AICTE. Consent from the concerned team lead with duly signed copy need to be attached.
- b. If project is not started within three (03) months after the issuance of this Sanction Letter, the released amount, along with interest accrued thereon, has to be necessarily returned to AICTE.
- c. It may be ensured that the project is completed within the stipulated time. If the project is not completed in time, no further extension will be granted in any case and institute has to refund the entire amount to AICTE.
- d. As AICTE needs adequate time for depositing the Demand Draft in the bank, the same be immediately dispatched to avoid any lapse of the validity period.

### V. Submission of documents by college / institution / Incubation Unit after completion of project

The following mandatory relevant documents are required to be submitted by the college/institution within one month of the completion of the Project: -

- a. Feedback form in the prescribed proforma (finalized / given by MIC).
- b. Original Statement of actual expenditure in the prescribed proforma duly signed by the Head of the institution and countersigned by Registrar/Finance Officer/Govt. Auditor

Note: The 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.

- c. The Utilization Certificate (UC) supported by Audited Statement of Expenditure to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the AICTE immediately after completion of the Project. It should contain the head-wise break up of expenditure made from the grant-in-aid provided by the Council. Audited Statement of Expenditure indicating expenditure incurred in the total duration of the Project in the prescribed format and GFR-19 shall be submitted to the Council



- d. In case of self-financing/private institutions, Statement of actual Expenditure & Utilization Certificate are required to be audited & signed by a Chartered Accountant (with membership no., full address & stamp). Photocopies of formats are enclosed as Annexures – II & III.
- e. Program Evaluation Committee (PEC) is required to be constituted at Institutional level. The constitution of the PEC shall be as under:
  - (i) Incubation unit head/HOD/Principal/Director/Registrar of the Institution (Chairperson)
  - (ii) Coordinator of the Project from incubation unit/institute (Member Secretary),
  - (iii) Two subject experts/entrepreneurs/startup founders.The members of the said PEC shall not be below the rank of Associate Professor. The minutes of the meetings are to be submitted to the Council at end of the Project along with other mandatory documents.
- f. Project completion report indicating the activities undertaken by the Innovation Team, achievements against milestones & targets submitted at the beginning of project

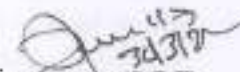
#### VI. General instructions

- a. If program is not started in the period of three (03) months of the issuance of this Sanction Letter, the released amount, along with interest accrued thereon, has to be returned back to AICTE. Kindly mention the File No. STDC/MIC/GRANT/215/2021-22/39 dated : 29-03-2022 in your future correspondence.

The grantee Institution/Incubation Unit shall observe all financial norms and guidelines as prescribed by the AICTE/ Government of India from time to time. GOI GPR rules ([@https://doe.gov.in/order-circular/general-financial-rules-2017-0](https://doe.gov.in/order-circular/general-financial-rules-2017-0)) should be followed during utilization of grant.

- b. This Sanction Letter may be treated as Offer Letter for all purposes.

Yours Sincerely,

  
Director (STDC)

Encl: 1. Guidelines regarding procurement of equipment, material & items for the Innovation Project Work and procedure for taking reimbursement of expenses (Annexure – I)

2. Formats of Statement of Expenditure & Utilization Certificate (Annexures – II & III)

Copy forwarded for information and necessary action to:

1. Sreenidhi ASCRNB Centre for Entrepreneurship and Innovation, Sreenidhi Ascend, Sreenidhi Institute of Science and Technology, Yamnampet, Ghatkesar, Hyderabad, Telangana, Pin-501301.  
Tel: 9390638524, Email : [ameetchavan@sreenidhi.edu.in](mailto:ameetchavan@sreenidhi.edu.in)
2. Katakam Ashutosh, [katakamashutosh@gmail.com](mailto:katakamashutosh@gmail.com)
3. MIC
4. Guard File

**Annexure - I**

**Guidelines Regarding Procurement of Equipment, Material & Items for the Innovation Project Work and Procedure for Taking Reimbursement of Expenses**

- 1) The team/start-up can claim the expenses incurred towards the innovation project for reimbursement. The bills/invoice can be raised either in the name of team lead of innovation (or) startup registered by the team (or) incubation unit (or) institute name. In all such cases, these bills need to be verified by the incubation unit where the innovation is incubated (or) directly by the committee established at institute for reimbursement to the team.
- 2) The team/start-up can directly procure the items or materials or equipment required for the innovation project from the open market or GEM portal. The bills/invoice can be raised either in the name of team lead of innovation (or) start-up registered by the team (or) incubation unit (or) institute name. In such case, these bills need to be verified by the incubation unit where the innovation is incubated (or) directly by the committee established at institute for reimbursement.
- 3) Both reimbursement and advance mode of fund utilization is permissible. The team/start-up can submit request for advance amount to incubation unit (or) institute for the expenses towards procurement of equipment, materials, items and other major expenses falling under the prescribed budget heads. The incubation unit (or) institute needs to verify the requirement. The team/start-up can avail advance amount up to Rs. 50,000 or 20% of total grant sanctioned for the above expenses. Teams are required to settle the advance amount taken with all bills and vouchers within a period of two months from the date of advance taken from incubation unit (or) institute. Team can't avail advance for second time without clearing the advance taken previously.
- 4) In case the fund is released to institution and the team/start-up is incubated in the incubation unit which is part of the institute/university and located in the same campus, then team/start-up can request the institute to transfer the grant to the incubation unit for utilisation (or) team/start-up can submit the expense details verified by the incubation unit to the institute for reimbursement whichever is convenient. Both incubation unit and institution needs to work out a suitable mechanism for smooth and quick process for fund utilization for the innovation development work.
- 5) In case the fund is released to institution and the team/start-up is incubated in the incubation unit which is different from the institution/university and located in different place, then team/start-up can request the institute to transfer the grant to the incubation unit for utilisation (or) team/start-up can submit the expense details verified by the incubation unit to the institute for reimbursement whichever is convenient. Incubation unit and institution both needs to work out a suitable mechanism for smooth and quick process for fund utilization for the innovation development work.
- 6) The Grant-in-Aid fund is channelized through the incubation unit (or) institute exclusively for the mentioned innovation project development and start-up establishment work. The prescribed budget heads in the sanction letter and GIA also covers expenses towards rental charge for incubation space and service fees for technical and mentoring support and access to lab facilities. The team/start-up can utilise the fund for the above services while receiving incubation support at the incubation unit (or) institute. In this scenario, so far the innovation is developed by the team with no substantial financial resources (or) technical contribution made by the institute, the Intellectual Property (IPs) associated with the innovation will remain with the team/start-up only. In such case, institute can't claim any ownership on the IP generated by the team/start-up. Similarly, if team has registered the start-up, they can avail the incubation services either on rental mode or equity mode (or) both. In case of equity mode, incubation unit can ask for equity sharing only after having a minimum 3 months' incubation service with the team/start-up on rental mode. The incubation unit can't own more than 9.5% of total equity in the start-up.

Annexure – IIINNOVATION CELLGRANT SUPPORT TO INNOVATIONSSTATEMENT OF EXPENDITURE

Permanent ID of Institute (if Applicable)	
Name and address of the Institute/Incubation Unit	
Name of Head of Institute/Incubation Unit	
Mobile No.	
Landline No.	
Email id :	
Sanction Order No. & Date	
Total Grant Sanctioned	
Total Amount Received (I <sup>st</sup> & II Instalment)	
Accrued Interest on Grant	
Name of the Team Leader	

EXPENDITURE DETAILS – HEAD WISE

S. No.	Expenditure Head	Spent Amount (in Rs.)
1	Technology development/process development/innovation refinement and market research. It includes expenses related to logistics and procurement of raw materials, expenses to carry out market research, mentorship and fees related to incubation services available through incubation units (if chargeable). (50-60% of the total fund sanctioned).	
2	Startup Registration as per DPIIT norm and Consultation Fee, IP filing, Legal Fee and fulfillment of other regulatory compliances towards operationalization of the startup activities and launch of product/services. (Up to 20% of the total fund sanctioned).	
3	Participation Fee and Travel to represent or participate in any national level competition / exhibition/ training / workshop related to Innovation/Startup/IFR etc. (Up to 10% of the total fund sanctioned).	
4	Miscellaneous activities related to above categories (Up to 10% of the total fund sanctioned).	
<b>TOTAL EXPENDITURE :</b>		

(1) \_\_\_\_\_  
Signature of Team Leader  
Name :  
Designation :  
Mobile No.

(2) \_\_\_\_\_  
Signature of Head of Institute/Incubation Unit  
Name :  
Designation :  
Mobile No.

(3) \_\_\_\_\_  
Signature (with Seal of the Finance Officer/  
Auditor/Accounts Officer)

(4) \_\_\_\_\_  
Signature of Chartered Accountant:

(If it is Govt./Govt. Aided Institute)  
Rubber stamp:  
Full Address of CA :  
Date:

Name of Chartered Accountant:  
Membership No:



Annexure – IIIINNOVATION CELLGRANT SUPPORT TO INNOVATIONSUTILIZATION CERTIFICATE

Permanent ID of Institute (if Applicable):	
Name of Institute/Incubation Unit:	
Name of the Scheme under which Grant sanctioned:	Grant Support to Innovation
Grant Amount Sanctioned:	
Advance Amount Received (1 <sup>st</sup> Instalment):	

AICTE Sanction Order No. & Date under which Grant was sanctioned	Amount Received (1 <sup>st</sup> & 2 <sup>nd</sup> Instalment) (Rs.)	CERTIFICATE
		<p>Certified that out of the Grant of Rs. _____ (in words) disbursed by the AICTE during the Financial Year _____ as per letter mentioned in the margin, along with interest of Rs. _____ accrued on grant, a sum of Rs. _____ has been utilized for the purpose for which it was sanctioned.</p> <p>The balance of unutilized amount of Rs. _____ to be refunded to AICTE, along with accrued interest of Rs. _____ on grant.</p>

Certified that I have satisfied myself that the conditions on which the Grant was sanctioned have been duly 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

Kinds of checks exercised:

1. Receipt & Expenditure Details & Bills

[Signature of Chartered Accountant]

Name of CA: \_\_\_\_\_

Membership No: \_\_\_\_\_

Full Address: \_\_\_\_\_

[with seal]

(mandatory for self financing institutes)

[Signature of Head of the Institute/Incubation Unit]

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Full Address: \_\_\_\_\_

[with seal]

[Signature of the Finance Officer]

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Full Address: \_\_\_\_\_

[with seal]

(Govt./Govt.Aided/University &amp; wherever applicable)

Place: \_\_\_\_\_

Date: \_\_\_\_\_



## Memorandum of Understanding (MoU)

is made and entered into this 22<sup>nd</sup> day of Oct.2021

**BETWEEN**

**Sreenidhi Institute of Science and Technology (SNIST)  
Hyderabad, Telangana**

**Sreenidhi Institute of Science and Technology–Hyderabad**, sponsored by Sree Educational Group was established in the year 1997. SNIST is an autonomous institute under JNTUH with its campus located at Yamnampet, Ghatkesar, Hyderabad – 501301, TS, India. (hereinafter called “SNIST”) represented by its Principal, Dr. T. Ch. Siva Reddy, which expression shall where the context so admits includes its successors and permitted assigns of the other part.

**AND**

**Murata Electronics Singapore (Pte) Ltd, Singapore**

**Murata Electronics Singapore (Pte) Ltd** is the Singapore subsidiary and ASEAN headquarter of Murata Manufacturing Co., Ltd., a worldwide leader in the design, manufacture and sale of ceramic-based passive electronic components, sensors, communication modules, power supply modules and batteries. Since its establishment in Kyoto, Japan in 1944, Murata Manufacturing Co., Ltd. has contributed to the evolution of the electronics industry and the advancement of society, within application areas in automotive, consumer devices, wireless connectivity, healthcare equipment and solutions, industrial, energy and more.

**For collaboration on research and innovation to solve  
Sustainable Development Goals under the Open Innovation Framework established  
by Murata Manufacturing Co., Ltd.**

This MOU sets down the mutually agreed broad framework for collaborating on research and innovation in various fields of common interest related to bringing the results of Science and Technology to society. It incorporates the modalities for partnership on these and other areas of mutual interest between SNIST and Murata Electronics Singapore (Pte) Ltd (“**Murata**”).

### **1.0 PREAMBLE**

**1.1** Murata, under its Open Innovation Framework welcomes collaborative relationships with start-up towards developing solutions in the mobility, energy, healthcare, and wireless markets. With its specific focus on start-up companies and universities, the initiative provides them the opportunity to explore go-to-market plans drawing on Murata’s extensive R&D capabilities, manufacturing support capabilities, and financial resources. It also works on improving technologies to improve farm production and income to farmers.

**1.2** SNIST is recognized by the Department of Scientific and Industrial Research (DSIR) as a Scientific and Industrial Research Organization (SIRO). SNIST established Sreenidhi ASCEND, a Section-8 Company, as the Incubation and Entrepreneurship Development





Center. Apart from that SNIST is recognized as the Host Institute facility under the Development Commissioner – New Delhi Scheme to Support Entrepreneurship and Managerial Development of SMEs through Incubators.

- 1.3** The activities identified under this MoU are in several ways complementary with each other. While Murata is the manufacturer and technology provider for Electronics hardware and sensors in the smart society solutions especially in the application domain of agriculture under this MoU. SNIST has expertise in emerging technologies innovation and deployment. Its faculty have carried out numerous consultancy work for reputed organizations through product development, technology training & services, research and innovation.
- 1.4** It is therefore felt that a collaborative program would be of considerable mutual benefit for both the parties. The collaboration would cover the preliminary stage of data collection and evaluation, with a view of eventual modernization of existing agricultural practices through application of emerging technology. Such a synergy will also bring the wisdom and talent / expertise of the SNIST into the Agri-Biotechnology and Agriculture/Horticulture oriented product testing for Murata. This collaboration will also help in generating value for the society that is based on Science & Technology driven entrepreneurship, through a systematic study of related systems and practices.
- 1.5** This MOU is the result of a fruitful discussion within and between Murata and SNIST to develop stimulating and dynamic collaboration, to attain the beneficial goals between the parties.

**2. Scope of Work – Preliminary Evaluation of Micro Irrigation System (MIS) for a duration of 3 months - Project Commencement (T1) would come in effect after receipt of the sensors related equipment and necessary orientation**

- 1) Identify value proposition for farmers
  - Benefits of sensor systems for irrigation and fertilization
  - Deployment of irrigation and sensor system, data collection, and validation – water consumption, Fertilizer usage, Yield, Overheads (water, electricity and labour), and Income
- 2) Technology readiness evaluation
- 3) Record technology effectiveness and suggest improvement
- 4) Collaborate on implementation of product fusion from SNIST and other partners
  - The detailed statement of work and deliverables is attached here to and marked as “**Annexure A**”.
  - The budget distribution and justification is specified in “**Annexure B**”



### 3. The Roles and Responsibilities of SNIST under to the Scope of Work:

- 1) SNIST will provide key R&D and Consultancy services to Murata towards testing of their product and technology under the scope of work.
- 2) SNIST will provide required space and infrastructure to perform activities proposed in the scope of work.
- 3) SNIST will assess the project progress time-to-time and provide feedback for continual improvement.
- 4) SNIST will conduct field trips for data collection and generate reports.
- 5) SNIST will assign the appropriate faculty and student team to perform its part of the scope of work under this program and Murata will reimburse the time and expenses incurred by the faculty and student team in carrying out the Scope of Work.
- 6) SNIST will identify the necessary land resources (of approximately three (3) Hectares) and procure the necessary installation permissions through the appropriate government channels in India. SNIST may perform this together with the assistance of its other partners (such as PJTS Agriculture University and the Research and Innovation Circle of Hyderabad (RICH)).

### 4. The Roles and Responsibilities of Murata under the Scope of Work:

- 1) Murata would provide necessary sensors and equipment for deployment, orientation and training, product specifications and implementation expertise to commence the work.
- 2) Assist to establish necessary infrastructure specific to the scope of work, with support of required hardware and software tools.
- 3) Murata will provide reimbursements to student interns, field trips and faculty timeoff to work on the MIS project which will be disbursed by SNIST.

### 5. NON- EXCLUSIVITY OF THE MOU

MURATA and SNIST shall each have its unrestricted rights to seek additional funding from and /or to cooperate with any other agencies / institutions for the same scope of activities and shall each have unrestricted rights to enter into MOUs with any other parties.

### 6. Intellectual Property

- a) Intellectual property will refer to all patents, copyrights, trademarks, protections, geographic indicators and other intellectual property protections, including plants, genes and chemical structures. Intellectual property also includes oral or written know-how of relevance to the research activities of the two parties. Intellectual property ownership, authorship and commercialization are three aspects that will be considered. Ownership and commercialization are discussed below. However to merit authorship, it is required that the inventor has participated in the research activity relevant to the invention and contributed to the claims of the invention when a patent is involved. An author of a patent can be a faculty, student an alumnus, or a scientist.



- b) Intellectual property types relevant to this MOU are
  - i. Patented and unpatented know-how developed at prior to interaction with SNIST/MURATA on a specific problem, (background intellectual property).
  - ii. Patented and unpatented know-how developed and data collected during of the course of this MOU by MURATA and SNIST (new developmental intellectual property)
- c) Intellectual property of Murata obtained prior to collaboration between Murata and SNIST on a specific problem will belong to MURATA. Intellectual property of SNIST prior to such collaboration will belong to SNIST and any back ground Intellectual property that involves parties in addition to MURATA and SNIST must be made known to all concerned before this collaboration is inked.
- d) Intellectual property generated jointly during the operation of this MOU shall vest in and be solely owned by MURATA.
- e) MURATA and SNIST may each use the information and data generated under this MOU for non-commercial education and research purposes. Any other information or restrictions regarding the disclosure of intellectual property from one party to the other party shall be governed by a Non-Disclosure Agreement (NDA) between both parties.

7. Confidentiality: Both the parties of the MOU, agreed to hold in confidentiality of any information/data that may be received or noticed, shall not disclose the same to any third party without mutual written consent.

The Murata further undertake to maintain strict confidence of the SNIST' administrative procedures / academic secrets that he may get by virtue of their association with this MOU ,since the Murata may get access to record, teaching methods, proprietary information, intellectual property etc., which the SNIST holds the rights and also any data of the Students /Faculty received by him. The Murata, further agrees to keep all such information strictly confidential and refrain from discussing / distributing this information with anyone else or outsiders.

8. Applicable Laws: This Agreement shall be interpreted in accordance with the laws of India. Notwithstanding anything contained anywhere in this MOU, SNIST has the right to approach the Courts of competent Jurisdiction seeking injunctive relief against any infringement or violation of any their rights and their students

9. Dispute Resolution: Any dispute or difference arising out of or in connection with or relating to the present Agreement shall be referred to and settled by an independent Sole Arbitrator to be appointed with mutual consent. The arbitration shall be held under the Arbitration and Conciliation Act, 1996 and any statutory modifications thereto. The Seat of the Arbitration shall be at Hyderabad.

10. Amendments :No amendments or modifications of this Agreement shall be valid unless evidenced in writing and signed by a duly authorized representative of both Parties of this Agreement.

## 11. Validity

This MOU is valid for one year from the date of signing of this MOU. Thereafter the MOU may be renewed for such term and on conditions as may be agreed between the Parties.





## 12. No Assignment

Neither party without the written consent of the other may assign either the benefit or the burden of this MOU to anybody.

## 13. Termination

Either party may terminate the MOU for cogent and logical reasons, by giving to the other party 30 days' notice in writing.

## 14. Entire Agreement

This document represents the entire agreement between the Parties regarding the subject matter of this MOU and can only be amended or modified by an agreement in writing signed by the Parties hereto.

## 15. Legal Effect

This document is not intended to impose any legal obligation whatsoever on either party (whether based in contract, tort or under statutory law). The parties do not intend to be bound by any agreement until both agree to and sign a definitive written contract. Neither party can rely on any promises inconsistent with this paragraph. This paragraph supersedes all other conflicting language.

## 16. Reimbursement of Expenses

### Expenses.



Murata agrees to reimburse SNIST for all documented, out-of-pocket expenses incurred by SNIST's faculty and student team under clause 3.5. The reimbursement shall be made within thirty (30) days after the date of each invoice **raised by the SNIST**. The total amount of expenses incurred by SNIST for the duration of the scope of work under clause 2 shall not exceed **Rs. 3,45,000** Indian Rupees (INR **Three Lakhs and Forty Five Thousand**) plus taxes as applicable (if any) according to the breakdown in Annex B of this MOU.

## 17. Force Majeure

Either Party shall be excused from any delay or failure in performance required hereunder if caused by reason of any occurrence or contingency beyond its reasonable control, including, but not limited to, acts of God, acts of war, fire, insurrection, strikes, lock-outs or other serious labor disputes, riots, earthquakes, floods, explosions or other acts of nature. The obligations and rights of the Party so excused shall be extended on a day-to-day basis for the time period equal to the period of such excusable interruption. When such events have abated, the Parties' respective obligations hereunder shall resume. If the event of the interruption of the excused Party's obligations continues for a period in excess of 30 calendar days, either Party shall have the right to terminate this Agreement upon 10 calendar days' prior written notice to the other Party.

## Signatures:

This MOU, is executed in duplicate with each copy being an official version and having equal legal validity .By signing below, the SNIST and Murata, acting by their duly authorized Officers/Representatives, have set their hands are caused this MOU to be executed as of the day and year above written/mentioned.

For Sreenidhi Institute of Science and Technology, Hyderabad – 501301. INDIA		For Murata Electronics Singapore (Pte) Ltd, Singapore	
Signature		Signature	 DocuSigned by: 83AE329F39E14DB
Name	Dr. T. Ch. Siva Reddy	Name	Haruo Mitsuhashi
Désignation	Principal	Désignation	General Manager
Place	Hyderabad, TS, INDIA	Place	Singapore
Date	22/10/2021	Date	22/10/2021
Stamp/Seal	 PRINCIPAL Sreenidhi Institute of Science and Technology Yamnapet (V), Ghaltrekar (M), Medchal (Dist.), Telangana-501 301.	Stamp/Seal	 DocuSigned by:

## Annexure A

### Statement of Work and Deliverables

To proceed into 2 phases and roles of related stakeholders are as below:

[Phase-1]

- Deployment & Preliminary Data collection (SNIST)
- Data collection for Farmer's Value Proposition (SNIST)

[Phase-2]

- Data validation & Brush-up Business Model (RICH & Deloitte)
- Connect with local stakeholders for business validation (RICH)
- Finalize business model (RICH & Deloitte)

This Statement of work & Deliverables covers for only Phase-1 with SNIST.

Phase-2 plans will be decided only after data validation & brush up of business model by RICH, Deloitte and Murata.

#### ● **Details of PoC for Phase-1**

Period : 3 months (T1 + 90 days)

Crop : Chilly / Grapes / Pomegranate / Tomato (select one)

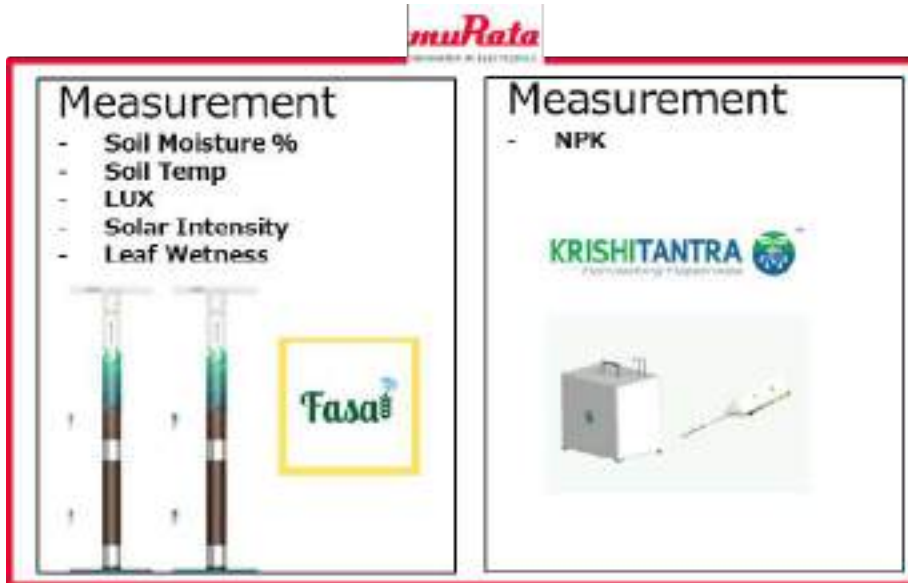
Irrigation : 3 Ha with different irrigation system as below:

1 Ha (Surface irrigation)

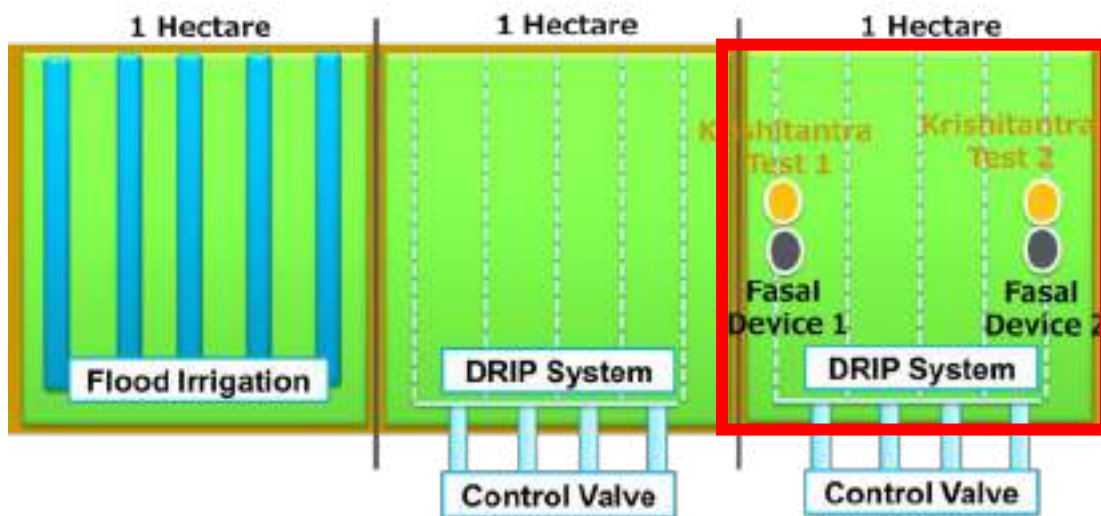
1 Ha (Drip irrigation)

1 Ha (Drip irrigation + IoT system)

IoT System : To be prepared by Murata (as below)



Deployment : To set up as below for data collection



### ● Statement of Work for Phase-1 (SNIST)

Deployment & Preliminary Data collection

- Deployment in field with Murata's partner Products & Protocols
- Data Collection for benefits of Sensor system for Irrigation & Fertilization
- Confirm the acceptance of Farmers to use for new technology and lacking points of provided product



## ● Deliverable for Phase-1 (SNIST)

With IoT Technology:

How much water was reduced for Irrigation? How much Fertilizer and Pesticide was reduced? What is the interest level of farmers to use this tech in their farm? What was lacking in the provided technology?

Consolidated report for the above.

- SNIST can use its related in-house technologies (which is optional) for data collection purpose without any obligations to Murata. If any interest arises, it will be discussed separately and not covered in the proposed MoU or Statement of Work.

Summary of Data to be collected:

Data Collection	Tech	Data Collection Method	Season-1						
			SNIST Campus			Field Level			
			①	②	③	①	②	③	
Water Consumption	Fasal	SNIST Tech?							
Fertilizer & Pesticide Usage	Krishitantra	Manual							
Product Lacking Points	Fasal & Krishitantra	Interview with Farmers	① Flood Irrigation ② Drip Irrigation ③ Smart Irrigation						
Acceptance of farmers to use									
Consolidated report		Validation of concept							

## ● Timeline & Deliverables for Phase-1

Purpose	Location	Data
● Deployment ● Data collection for Irrigation & Fertilisation ● Confirm acceptance of Farmers to use	SNIST Campus	◆ Water Consumption
	Trail In Field	◆ Water Consumption ◆ Fertilizer & Pesticide Usage

## Annexure B

### Budget Distribution and Justification for Phase -1

Sr. No.	Items	At T1	T1 + 30Days	T1 + 60Days
1.	<b>Total Six Student Interns (B.Tech + M.Tech) involved in training, deployment, data collection from fields located at different location identified by RICH</b>	Rs. 75,000	Rs. 75,000	Rs. 75,000
2.	<b>Junior Faculty / Research Scholar</b>	Rs. 10,000	Rs. 10,000	Rs. 10,000
3.	<b>Travel</b>	Rs. 15,000	Rs. 15,000	Rs. 15,000
4.	<b>Contingencies and Other Overheads</b>	Rs. 15,000	Rs. 15,000	Rs. 15,000
<b>Total</b>		<b>Rs 1,15,000</b>	<b>Rs 1,15,000</b>	<b>Rs 1,15,000</b>
<b>Grand Total – Rs. 3,45,000/- (Plus Taxes as applicable, if any)</b>				

- ◆ Dr. Ameet Chavan, Professor and Dean (Innovation and Research), will be assigned as the faculty mentor and point of contact from SNIST for the MIS collaborative / consultancy project with muRata.
- ◆ The invoice for each month will be prepared by Dr. Ameet Chavan and forwarded by the Principal's Office.

Thanking you and looking forward for an enriching experience with muRata Electronics Singapore.



**Dr. T. Ch. Siva Reddy**  
Principal, SNIST



## Budget Distribution and Justification for Murata Project Phase-2

### Phase 2 : Objective

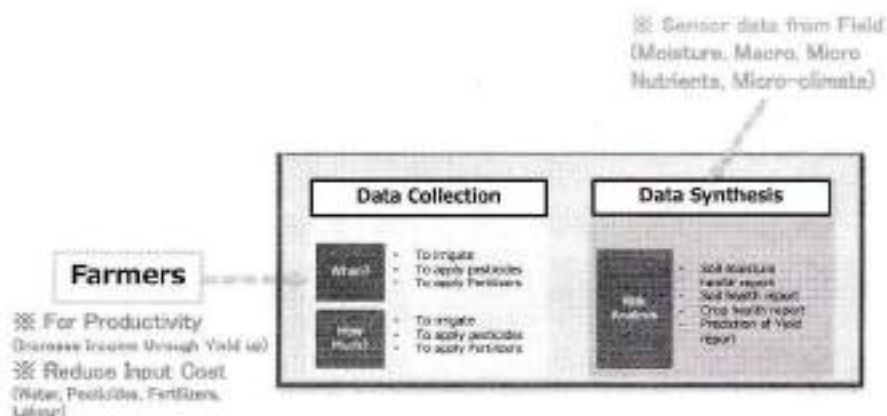
**Period** : 4 months (Jul to Oct)

**Crop** : Tomato & Cabbage

**Sensors Deployment** : Fasal (Irrigation and Pesticide), Krishitantra (Fertilizers), SoilSens (Irrigation, Fertilizer and Pesticide)

**Goal** : Data collection to clarify the Value Proposition for Farmers to use Hyperlocal data platform (Soil-Microclimate-Moisture data and advisory)

### Phase 2 : Deliverables - Outcomes



Sr. No.	Items	July 2022	August 2022	September 2022	October 2022
1.	Total Six Student Interns (B.Tech) involved in training, deployment, data collection from the identified field	Rs. 30,000	Rs. 30,000	Rs. 30,000	Rs. 30,000
2.	Two MBA students for survey and interview with Farmers	Rs. 10,000	Rs. 10,000	Rs. 10,000	Rs. 10,000
3.	Institute facility and product implementation & testing support during Phase-2	Rs. 95,000	Rs. 95,000	Rs. 95,000	Rs. 95,000
3.	Travel	Rs. 20,000	Rs. 20,000	Rs. 20,000	Rs. 20,000
4.	Contingencies – Other Overheads	Rs. 20,000	Rs. 20,000	Rs. 20,000	Rs. 20,000
<b>Total</b>		<b>Rs 1,75,000</b>	<b>Rs 1,75,000</b>	<b>Rs 1,75,000</b>	<b>Rs 1,75,000</b>

**Risk assessment (Farmer's compensation) to cover losses** – The farmers earning is determined based on estimation provided that based on recent prices for the yield. For the identified Farm-1 (Tomato) and Farm-2 (Cabbage & Cauliflower) total projected earning is Rs. 11,80,000. As the control farm area will be one fourth of the total farm land area (Farm1 +Farm 2) the compensation amount projected is Rs. 2,95,000/-. Risk assessment will be carried out after the harvest and final value will be derived and the farmer will be compensated accordingly, if needed. Therefore, the total project proposed budget including risk factor is Rs. 7,00,000 + Rs. 2,95,000 = Rs. 9,95,000/- (Plus Taxes as applicable)

The invoice for each month will be prepared by the Coordinating faculty and forwarded by the Principal's Office.

Thanking you and looking forward for an enriching experience with muRata Electronics Singapore.



**Dr. Ameet Chavan**  
Project PI, Dean (I&R)



**Dr. T. Ch. Siva Reddy**  
Principal, SNIST  
**PRINCIPAL**

Sreenidhi Institute of Science and Technology  
Yamnampet (V), Ghatkesar (M), Medchal (Dist)  
Telangana State - 501 301.



**Dr. C V Tomy**  
Director, SNIST

**DIRECTOR**  
Sreenidhi Institute of Sciences and Technology  
Hyderabad-501301.





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TELANGANA STATE COUNCIL OF SCIENCE & TECHNOLOGY (TSCOST)  
ENVIRONMENT, FORESTS, SCIENCE & TECHNOLOGY DEPARTMENT  
GOVERNMENT OF TELANGANA  
4<sup>th</sup> Floor, Aranya Bhavan, Saifabad, Hyderabad - 500004  
Phone : 040 - 24600590, <https://tscost.telangana.gov.in>  
E-mail : [secy\\_tscst@telangana.gov.in](mailto:secy_tscst@telangana.gov.in), [marupakatscost@gmail.com](mailto:marupakatscost@gmail.com)

MARUPAKA NAGESH  
MEMBER SECRETARY (FAC)

Lr. No. 03/TSCOST/DST-PRG/2021-22, Dated: 21.03.2022

Sir / Madam,

Sub: TSCOST - DST, GoI - Project Related Grants (PRG) - Sanction Order - Issued.

- Ref: (1) DST order No. DST/SSTP/Core Grant-G/2019-20/PRG/(G-3) Dt. 18-12-2019  
(2) eMail received from Sri Ravi Kant Prajapati, Sci-B, DST dt. 25-10-2021  
(3) Minutes of the 2<sup>nd</sup> EC meeting of TSCOST held on 26-10-2021 under the Chairmanship of the Hon'ble Minister for EP&T, GoTS  
(4) Pre-meeting Minutes of the PRG Expert Committee held on 09-02-2022  
(5) Minutes of the PRG Expert Committee meeting held on 18-02-2022 under the Chairmanship of Spl. Chief Secretary, ES&T/ Vice Chairman, TSCOST  
(6) eMail received from Dr. Rashmi Sharma, Scientist-F, DST Dt. 10/03/2022

\*\*\*

It is to inform that the TSCOST Expert Committee (EC) / DST have recommended / approved the following project proposal:

- 1) Project title : IOT based Forest Management system for illegal deforestation, fire detection and livestock management.
- 2) Duration : 01 (One) Year
- 3) Amount : Rs. 4,00,000/-
- 4) Advance (80%) : Rs. 3,20,000/-
- 5) Balance (20%) : Payable only after submission of audited Utilization Certificate, Statement of Expenditure and Project completion Report with details of Papers presented / published and Patents Registered, if any.

Hence, it is requested to convey the acceptance for the above at an early date with the following information.

S.No.	Particulars	Details
1	Name of the Account Holder	
2	Account Number	
3	Bank Name	
4	Branch Name	
5	IFSC Code	
6	Title of the Project	
7	Name of the PI with affiliation	

Yours faithfully,

*N. Marupaka Nagesh*  
Member Secretary  
21/03/2022

To  
Joydeb Chattopadhyay  
Professor  
Dept., of Electronics and Communication Engineering  
Sreenidhi Institute of Science and Technology, Autonomous  
Yamnapet, Ghatkesar, Hyderabad - 501301, Telangana

Copy to:  
The Principal, Sreenidhi Institute of Science and Technology, Ghatkesar, Hyderabad.



Date : 8 Apr 2022  
Account Number : 00000062268594021  
Description : CA-GEN-PUB-OTH-RURAL-INR  
Name : PRINCIPAL SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY  
Currency : INR  
Corporate Address : 1-2-288/23/1,DOMALGUDA,  
HYDERABAD  
TELANGANA-500029  
Branch : SINGAPORE TOWNSHIP(21266)  
Rate of Interest (% p.a.) : 0.0%  
IFS Code : SBIN0021266  
Book Balance : 471558.12  
Available Balance : 471558.12  
Hold Value : 0.00  
MOD Balance : 0.00  
Uncleared Amount : 0.00  
Balance as on 4 Apr 2022 : 4,67,880.12

Account Statement from 4 Apr 2022 to 4 Apr 2022

Txn Date	Value Date	Description	Ref No./Cheque No.	Branch Code	Debit	Credit	Balance
04/04/2022	04/04/2022	BY TRANSFER- REFT*0BA000161610BAN22 034037941**TSC09T DST NON	TRANSFER FROM 31559510443951	4433		3,20,000.00	7,87,880.12

\*\*This is a computer generated statement and does not require a signature





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](http://www.aicte-india.org)



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

Sub: Release of 2<sup>nd</sup> installment of Grant-in-Aid under Skill and Personality Development Programme Centre for SC/ST Students (SPDC) for the year 2017-18 payable during the current financial year 2021-22.

Sir,

I am directed to convey the sanction of the Council for payment of Rs.5,54,213/- (Rupees Five lakh fifty-four thousand two hundred thirteen only) for the year 2021-22 out of the total approved grant-in-aid of Rs.15,07,000/- (Rupees Fifteen lakh seven thousand only) under the Skill and Personality Development Programme Centre for SC/ST Students (SPDC) to the Principal, Sreenidhi Institute of Science & Technology, Yamnampet, Ghatkesar, Hyderabad - 501301, Telangana as 2<sup>nd</sup> installment for meeting the expenditure for implementing the scheme as per details given below:

1	Name and address of the Beneficiary Institution:	Principal/Director/Registrar, Sreenidhi Institute of Science & Technology, Yamnampet, Ghatkesar, Hyderabad - 501301, Telangana			
2	Permanent ID of institute:	1:3636001			
3	Scheme under which grant is to be released	Skill and Personality Development Programme Center for SC/ ST Students (SPDC)			
4	Name of Coordinator:	Dr. China Thotapalli			
5	Sanction letter no. and date	F.No. 65-38/RIFD/SPDP/Policy-1/2017-18 Dated: 16.08.2021			
6	Amount Sanctioned	Rs.15,03,000/-			
	(50% at initial stage on acceptance of proposal. 40% of remaining amount in 2 <sup>nd</sup> year and 10% in 3 <sup>rd</sup> Year)	Non-Recurring	Recurring	Total	
		Rs.12,77,550/-	Rs.2,25,450/-	Rs.15,03,000/-	
		Year	Non-Recurring	Recurring	Total
		1 <sup>st</sup> Year	Rs.6,38,775/-	Rs.1,12,725/-	Rs.7,51,500/-
		2 <sup>nd</sup> Year	Rs.5,11,020/-	Rs.90,180/-	Rs.6,01,200/-
		3 <sup>rd</sup> Year	Rs.1,27,755/-	Rs.22,545/-	Rs.1,50,300/-
7	Amount sanctioned as 2 <sup>nd</sup> installment (The remaining amount 40% in 2 <sup>nd</sup> Year)	Rs.6,01,200/-			
	Particulars of release	(40% of the total recommended amount)			
		Non-Rec.	Recurring	Total	
	1. Grant released as 1 <sup>st</sup> Installment	Rs.6,38,775/-	Rs.1,12,725/-	Rs.7,51,500/-	
	2. Expenditure incurred	Rs.6,91,393/-	Rs.65,738	Rs.7,57,131/-	
	3. Amount incurred in excess of release from Institute own resources/Unspent amount available	(-) Rs.52,618/- (Excess)	Rs.46,987/- (Unspent)	Rs.46,987/- (Unspent balance)	
	4. Interest earned	Nil	Nil	Nil	
	5. Amount of 2 <sup>nd</sup> installment being the 40% of the total grant of Rs.15,03,000/-	Rs.5,11,020/-	Rs.90,180/-	Rs.6,01,200/-	
	6. Amount as 2 <sup>nd</sup> installment after deduction of interest Rs.46,987/-	Rs.5,11,020/-	Rs.90,180/- (-) Rs.46,987/- = Rs.43,193/-	Rs.5,54,213/-	
	7. Amount released as 2 <sup>nd</sup> installment	Rs.5,11,020/-	Rs.43,193/-	Rs.5,54,213/-	
8	Duration	1 Year			

• Excess expenditure of Rs.52,618/- is to be met by the institute from its own resources.



1. The sanctioned grant-in-aid is debitible to the major Head 601.1.b. "SPDP Scheme" "Plan Head" grant and is valid for payment during the financial year 2021-22.
2. The grant-in-aid of the grant shall be drawn by the Drawing and Disbursing Officer (DDO), All India Council for Technical Education, New Delhi on the Grants-in-aid bill and shall be disbursed to and credited to the account of the Principal, Sreenidhi Institute of Science & Technology, Yamnampet, Ghatkesar, Hyderabad - 501301, Telangana through RTGS.
3. The Institute is requested to verify the correctness of the under mentioned bank account/RTGS submitted by them along with the proposals, in which the grant is being released. In case of any omission the same should be reported to AICTE immediately along with refund of entire grant.

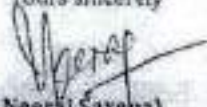
Bank Name	Bank Branch and Address	Account Holder's Name	Account Number	Type of Account	IFSC Code	Type of Institution	Institution's PAN No.
Union Bank of India	Peerjadiguda, Canara Nagar, Warangal High Way, Bodduppal	Principal	118011100000663	Current Account	UBIN0811807	Private-Self Finance	AAATS74118

4. The date of release of the grant by AICTE shall be taken as the date of commencement of the project. The Principal shall intimate about the receipt of the grant to AICTE. Any expenditure incurred prior to the issuance of the approval letter will not be allowed to be adjusted in the grant and if the Institution/ University do not take the project within 6 months of the receipt of the grant, the approval shall ipso facto lapse.
5. Each project sanctioned by AICTE is assigned a specific Ref. No. given on the pre-page. All correspondences related to the project must contain this number along with year of sanction of the project; failing which correspondence will not be entertained.
6. The accounts of the grantee which are liable to be audited by the Council or Comptroller and Audited General of India or by any Officer designated for the purpose.
7. The institute shall not charge any overheads on this project and will provide all the administrative support for completion of the project.
8. The grantee shall utilize grants on only approved items of expenditure (list enclosed). Approval is accorded to the institutes to procure items listed in the scheme document (as per the requirement of the Center) in addition to the already approved list of items/equipment sent to the institute, so that the grant under non-recurring head may be fully utilized by the institute. They will maintain proper accounts of the expenditure as per the norms/procedures of AICTE/Government of India.
9. The assets acquired wholly or substantially out of All India Council for Technical Education's grant shall not be disposed or encumbered or utilize for the purpose other than those for which the Grant was given without proper sanction of the All India Council for Technical Education and should at any time the Institution cease to function, such assets shall revert to the All India Council for Technical Education.
10. The grantee shall maintain an audited record of assets acquired wholly or substantially out of the grant-in-aid and a register or assets shall be maintained by the Institute in the prescribed form i.e. GFR-19.
11. The Amount of interest accrued on the grant should be treated as part of the grant to be utilized for that particular project. However, the interest amount accrued along with grant disbursed should not exceed the total grant sanctioned for the project. The Institute receiving the grant should reflect the same in the audited statement of accounts/ Utilization Certificate and may either refund the interest amount to AICTE or AICTE should adjust the same in the next installment of grant before releasing.
12. The Annual Progress Report in the prescribed format along with Statement of Expenditure and Audited Utilization Certificate shall be submitted to AICTE not later than one month after completion.
13. Project Completion Report (PCR) in the prescribed format along with the Audited Statement of Expenditure indicating expenditure incurred in the total duration of the project in the prescribed format, utilization in the format and GFR-19 shall be submitted to the Council.



14. The Utilization Certificate (UC) supported by Audited Statement of Expenditure to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the All India Council for Technical Education immediately after completion of the project. It should contain the head-wise break up of expenditure made from the grant-in-aid provided by the Council.
15. The grantee shall follow the terms and conditions of Skill and Personality Development Programme Centre for SC/ST Students (SPDC) as laid down by the council from time to time.
16. The Grantee shall fully implement the official language policy of Union Government and comply with the official language Act, 1963 and official language (use of official purposes of the Union Rules, 1976 etc.)
17. The Institute receiving grant under SPDC is expected to put up a plaque at the main entrance of the Lab/Department, which has been modernized using the grant. All the equipment procured through the project should be superscribed with AICTE project file number.
18. The funds to the extent are available under the scheme.
19. The sanction issues in exercise of the powers delegated to the Council. It is also certified that grant-in-aid is being released in conformity with the Rules and Regulation of the scheme.

Yours sincerely

  
(Dr. Neera) Saxena  
Adviser (IDC)

Copy forwarded for information and necessary action to:

1. **Dr. China Thotapalli** (Coordinator),  
Sreenidhi Institute of Science & Technology,  
Yammapet, Ghatkesar, Hyderabad - 501301,  
Telangana.
2. **Principal**,  
Sreenidhi Institute of Science & Technology,  
Yammapet, Ghatkesar, Hyderabad - 501301,  
Telangana.
3. Guard File.

## Audited Utilization Certificate

Name of the Institute: **SREENIDHI INSTITUTE OF SCIENCE & TECHNOLOGY**  
Sanction Letter No : **F.No65-38/RIFD/SPDP/POLICY-1/2017-19**

### A NON-RECURRING

Sl No	Name of the Equipment Procured	Amount Sanctioned	Amount Utilized	Unspent Balance
1	Video Equipment & Desktop PC	5,11,020/-	510,950/-	70/-

### A RECURRING

SI No	Items	Cost
1	Competition Prizes for SC/ST students	32,000/-
2	Honorarium for Resource Persons	20,000/-

Certified that the grant has been utilized for the purpose for which it was sanctioned in accordance with the Terms and Conditions attached to the grant.

(Signature of Chartered Accountant)  
Name of CA: **C KAMESHWAR RAO**  
Membership No.: **24803**  
Full Address of CA: **RAMANATHAM & RAO**

**CHARTERED ACCOUNTANTS**  
FR No 5-2934

[With seal]



(Signature of Head of the Institute)  
Name: **DR T CH SHIVA REDDY**  
Designation: **PRINCIPAL**

**PRINCIPAL**  
Sreenidhi Institute of Science and Technology  
Yamampet (V), Ghatkesar (M), Medchal (Dist)  
Telangana State - 501 301.

[With seal]

(Signature of Finance Officer)  
Name:  
Designation:  
Full Address:  
[With seal]






## AUDITED UTILISATION CERTIFICATE

Certified that out of ₹ 6,01,200/- of Grant- in – aid sanctioned during the year 2021-2022 vide Letter No.65-38/RIFD/SPDP/Policy-1/2017-18 & ₹ 5,54,213 was released and ₹ 5,62,950/- has been utilized for the purpose of **Purchasing of Equipment, Books etc** for which it was sanctioned and the balance of ₹ 38,250/- remaining unutilized will be utilized in the next year.

Certified that the grant has been utilized as per laid down terms and conditions for which it was sanctioned.


  
Name of the Coordinator  
(Signature)

  
Registrar/Principal/Director  
(Signature and Seal)  
**PRINCIPAL**  
Sreenidhi Institute of Science and Technology  
Yammapet (V), Ghatkesar (M), Medchal (Dist)  
Telangana State - 501 301.

  
Finance Officer  
(Signature)



**FOR RAMANATHAM & RAO  
CHARTERED ACCOUNTANTS  
FR NO S-2934**

  
**C KAMESHWAR RAO  
M:No 24803**



## RECEIPT & PAYMENT ACCOUNT

Sl. No.	Receipt	Amount (Rs.)	Sl. No.	Payments	Amount (Rs.)
1.	To Opening Balance	46987	1	Video Equipment	224800
2.	To Grants Received by AICTE	554213	2	Desktop PC	286150
3.	To Interest (if any)		3	Competition Prizes for SC/ST Students	32000
			4	Honorarium for Resource Persons	20000
				Closing Balance	38250
	Total	601200		Total	601200

(Signature of Chartered Accountant)

Name of CA: **C KAMESHWAR RAO**

Membership No.: **24803**

Full Address of CA: **RAMANATHAM & RAO**

**CHARTERED ACCOUNTANTS**

**FR No 5-2934**

[With seal]



(Signature of Head of the Institute)

Name: **DR T CH SHIVA REDDY**

Designation: **PRINCIPAL**

**PRINCIPAL**

**Sreenidhi Institute of Science and Technology**

**Yammapet (V), Ghatkesar (M), Medchal (Dist)**

**Telangana State - 501 301.**

[With seal]

(Signature of Finance Officer)

Name:

Designation:

Full Address:

[With seal]







All India Council for Technical Education  
(A Statutory body under Ministry of Education, Govt. of India)  
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: [www.aicte-india.org](http://www.aicte-india.org)  
**AICTE-IDEA Lab Scheme - Sanction Letter**

F. No. AICTE/IDEA202000141/2022

Date: 2nd September 2022

To

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

**Sub:** Approval for establishment of AICTE IDEA Lab- reg.

Sir/ Madam,

With reference to the proposal submitted by the institute, this is to convey the approval of the Council for establishment of **AICTE-IDEA Lab** as per details given below:

1.	Name and address of the Beneficiary Institution:	<b>SREENIDHI INSTITUTE OF SCIENCE &amp; TECHNOLOGY</b>
2.	Title of Project:	AICTE-IDEA LAB (provisional)
3.	Name of Chief Mentor:	<b>IDEA202000141</b>
4.	Duration of the project:	2 years
5.	Total AICTE Contribution	<b>Rs. 15,00,000/- (Rupees Fifteen Lakh Only)</b>

- (i) This Sanction Letter is being issued in conformity with the terms & conditions as well as norms of the Scheme as already communicated, and also being communicated in this letter.
- (ii) The institution shall have set up the Lab in 6 months with significant equipment there and show their utilization by conducting activities/ events identified in the Scheme Document in another 6 months. For a year, it will be given provisional status and based on the satisfactory performance (data of which shall have to be mandatorily provided), AICTE will regularize it after assessment, otherwise the provisional status will be withdrawn.

The instructions/ guidelines linked with IDEA Lab Project, to be followed by Institution are as given below:

**I. Release of funds**

- a. An amount of Rs. 15,00,000.00 (Rupees fifteen lakh only) will be released to the institute by AICTE after establishment of IDEA Lab, at the end of one year and based on satisfactory performance of the IDEA Lab. This amount, as per the Scheme Document is the expenditure incurred on event/ activities to be organized in one year by an IDEA Lab.

**II. Maintenance of accounts**

- a. The institute shall strictly follow the provisions laid down in the Scheme document and this sanction order (No. F.No. AICTE/IDEA202000141/2022 Dated 2nd September 2022) issued by this office. All correspondences related to the project must contain this number along with year of sanction of the project, failing which correspondence will not be entertained.
- b. There will be a separate Bank Account for the project and funds for other Schemes would not be mixed with it.
- c. The institution shall maintain proper accounts of the expenditure.
- d. AICTE or its nominee shall have the right to check/ verify the account, as the fund to be released from AICTE shall be linked for utilization of assets.
- e. The date of Acceptance of AICTE's Offer Letter by the institution shall be taken as the date of commencement of the project, involving establishment of the AICTE IDEA Lab.

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### III. Submission of documents by college/institution after completion of Project/Subsequent years.

- a. The Annual Progress Report (APR) in the prescribed format along with the original Statement of actual Expenditure in the prescribed proforma duly signed by the Head of the institution and shall be submitted to AICTE not later than one month after completion of the project. This shall be subject to review by AICTE or any committee constituted for the purpose.
- b. In case of self-financing/ private institutions, Statement of actual Expenditure are required to be audited & signed by a Chartered Accountant (with membership no., full address & stamp). Photocopies of formats are enclosed.
- c. Project Completion Report including the equipment/ tools/ consumables procured; activities/ events organized, number of students/ faculty/ benefited, expenditures, feedback etc.
- d. The AICTE contribution amounting to Rs. 15,00,000.00 (Rupees fifteen lakh only) will be released to the university/ institution only on submission of the above documents and subject to satisfactory performance of the IDEA Lab. However, amount will be restricted to the actual expenditure incurred by the institute on events/ activities organized in one year by the IDEA Lab.

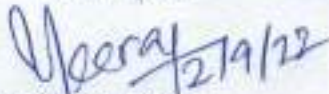
### IV. General instructions

- a) Head of the Institution (HOI) shall be the *ex-officio* Chief Mentor (CM) of the IDEA Lab, which shall be managed by the students.
- b) HOI/CM shall be responsible for execution and completion of the sanctioned project, followed by submission of all related documents including the project report.
- c) The institution can add existing equipment, conforming to the list/ specifications drawn by AICTE, to IDEA Lab with due intimation, however, such equipment will not be considered as a financial contribution of the institution to the IDEA Lab.
- d) AICTE shall not consider any request for any type of financial assistance during establishment of IDEA Lab and events/ activities organized by the Lab during one year.
- e) The assets acquired as part of project should always reflect in its Book of Accounts including the Assets Register maintained for the IDEA Lab. It should be certified by the concerned HOI and Faculty Coordinator.
- f) If the beneficiary institute exhibits non-performance and non-compliance to the conditions of IDEA Lab Scheme, AICTE may debar institute from applying for grants in future.
- g) It will be the responsibility of the institution to deposit their contribution (either from Industry or Institute or both) in the account opened for IDEA Lab for all the expenditures. The statement of Bank Account may be asked by AICTE at any stage.
- h) AICTE will not have any liability towards the implementation of the project.
- i) AICTE will have no responsibility in case any loss is caused to any life or property due to accident, fire or any other reasons. The host institute is required to take appropriate safety and insurance measures to safeguard against any loss to human life and property related to IDEA Lab.
- j) The institute shall solemnly confirm and agree to
  - Allow 24x7 access the students, faculty and industry for full utilization of facilities therein
  - Have the Head of institution as Chief Mentor, besides, nominate Faculty Coordinator (1), Faculty Co-Coordinator (1), Tech Gurus (4) and Student Ambassadors (3) for running the IDEA Lab. Student Ambassadors will be selected from senior classes and given responsibility on a rotation basis.
  - Integrate activities/ pursuits at the IDEA Lab with academic programmes run by the institution
  - Allow linkages of the IDEA lab with facilities like library, clubs, incubation center, etc in the campus
  - Ensure security of IDEA Lab (controlled access) and safe working environment inside for the users
  - Proactively reach out users and conduct programmes aimed at utilization of IDEA Lab facilities
  - Strive to generate revenue to maintain and continuously upgrade the infrastructure
  - Be integral part of IDEA LABS Network (IDEALNET)- a national network of IDEA Labs created by AICTE overseen and guided by National Steering Committee (NSC) for AICTE – IDEA Lab
  - Enthusiastically undertake activities identified for constituents of IDEALNET
  - Provide data on the infrastructure, activities and achievements of the IDEA Lab

Maintain a distinct physical identity of IDEA Lab in the campus and promote it in all forms/ formats of media with right use of the logo of IDEA Lab.

- Maintain a separate jointly-operated bank account for IDEA Lab
- Participate in national initiatives of the governments announced from time to time
- Abide by rules/ regulations/ norms of AICTE or other regulatory bodies, as applicable to other departments/ cells/ units in the campus

Yours sincerely,

  
Dr. Neeraj Saxena  
Advisor - I (IDC)

Copy forwarded for information and necessary action to:

1. The Director/ Principal/ Registrar  
SREENIDHI INSTITUTE OF SCIENCE & TECHNOLOGY  
YAMNAMPET, GHATKESAR, HYDERABAD.
2. Guard File





Revathy Vishwanath  
Deputy Director  
RP Division Incharge  
Tel #011-26716690  
E-mail: rpsicsr@gmail.com

Indian Council of Social Science Research  
(Ministry of Education)  
JNU Institutional Area, Aruna Asaf Ali Marg  
New Delhi - 110067  
Website: [www.icssr.org](http://www.icssr.org)

### SANCTION ORDER

F.No. 02/37/OBC/2021-22/ICSSR/RP/MJ

Dated: 28<sup>th</sup> April 2022

To,

The Director  
Indian Institute of Plantation Management  
Jnana Bharathi Campus, Malathalli Post,  
Bangalore, Karnataka-560 056

Subject: Sanction of Major Project entitled "A Study on "Tribal Entrepreneurial Development" e-Marketing of Minor forest Produce (MFP) and Development of Value chain Model In Costal Andhra Pradesh", Dr. NABIRASOOL, Assistant Professor, Indian Institute of Plantation Management, Jnana Bharathi Campus, Malathalli Post, Bangalore, Karnataka.

Dear Sir,

1. The Indian Council of Social Science Research (ICSSR) considered the above Research Major project submitted by Dr. NABIRASOOL. Co-Project Directors of the study are: ---  
Dr. SUNEEL SANKALA, Assistant Professor, School of Management Studies, Sreenidhi Institute of Science and Technology, Hyderabad.

2. The ICSSR has sanctioned a grant-in-aid of Rs.5,00,000 (Rupees Five Lakh Only) for the above research project and the grant will be released as follows:

First instalment @40%	:	Rs./- 2,00,000/-
Second instalment @ 20%	:	Rs./- 1,00,000/-
Third instalment @ 10%	:	Rs./- 50,000/-
Fourth Instalment @10%	:	Rs./- 50,000/-
Final instalment @15%	:	Rs./- 75,500/-
Publication Grant* @ 5-6%	:	Rs./- 25,000/-
<b>Total</b>	:	<b>Rs./-5,00,000</b>

Overhead charges over and above  
5% or maximum Rs.1,00,000 : Rs./-25,000/-

(\* to be retained by the ICSSR. ICSSR would publish it subject to the recommendation by the expert and relevant Committees for the purpose, from the overall budget, so to be retained by the ICSSR).

\*\*will be released on successful completion of project after evaluation.  
(The break-up budget approved by the ICSSR of Rs.5,00,000/- is enclosed.)

3. The First installment of the approved grant-in-aid will be released after receiving the grant-in-aid bill duly filled in, stamped and signed by the Project Director as well as the affiliating organization. (GIB already received).

5. In case, the study involves survey research, the finalized schedules/questionnaires (2 copies) designed to elicit information should be sent to the ICSSR as per the following schedule:

a) If the schedule/questionnaire for eliciting information is as per standard questionnaire, these will have to be sent to ICSSR immediately,

*Revathy*

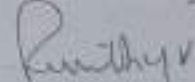


7. **The Second instalment** will be released after receiving a satisfactory six/nae/ two months Progress Report (depending on the duration of the programme), simple statement of account of first instalment, published peer reviewed journal, along with grant-in-aid bill towards the second instalment.
8. **The Third instalment** will be released will be released after receiving second Progress Report (depending on the duration of the programme), simple statement of accounts of the second instalment, along with grant-in-aid bill towards the third instalment.
9. **The Fourth Instalment** will be released after receiving book length Final Report in soft copy (both word and PDF format), Executive Summary of Final Report in soft copy (both word and PDF format), 500 words abstract of the Final Report in soft copy, research papers published in peer reviewed journals duly acknowledging ICSSR, similarity index score sheet, simple statement of accounts of third instalment along with grant-in-aid bill towards the fourth instalment. Project Director is required to submit hard copies of the Final Report only after the confirmation from the ICSSR after incorporating the suggested changes. Such data or information relating to the research project as may be asked for by the ICSSR for preservation in its Data Archives should be given by the scholar.
10. **The Publication Grant** will be retained by the ICSSR & will be spent by the ICSSR Publication Division if the Final report is found publishable by an Expert Committee constituted by the ICSSR.
11. The scholar shall acknowledge support of ICSSR in all publications resulting from the project output (Research Paper, Books, Articles, Reports, etc) and should submit a copy of the same to the ICSSR during its course and after completion.
12. **Final Instalment** will be issued after receipt of recommendation of the expert for acceptance of the Final Report, Audited statement of accounts (AC) in prescribed format with utilization certificate (UC) in GFR-12A form for the entire approved project amount duly signed by the Finance Officer/Registrar/Director of the affiliating Institution, verification of all documents and decision on retaining of equipment and books etc. The institutions of which the accounts are not audited by CAG/AG, their utilisation certificate will be signed by the Finance Officer and a chartered accountant.
13. **The Overhead Charges** to the affiliating institution will be released after the Final Report has been accepted and documents verified by the ICSSR. The ICSSR reserves the right to change the affiliation if it is found that the affiliating institute is not co-operating with the scholar and it is not facilitating timely completion of the study.
14. **The Project Director** will ensure that the expenditure incurred by him conforms to the approved budget heads and relevant rules. Audited Statement of accounts with Utilization Certificate in GFR of 12A form is for the entire project amount approved for the project.
15. **The University/Institution** of affiliation will provide to the scholar office accommodation including furniture, library and research facilities and messengerial services. For this, the ICSSR shall pay to the University/Institution of affiliation **overhead charges @5%** over and above or maximum Rs.1,00,000 of the total expenditure incurred on the project only after successful completion of the project.
16. **The Contingency Grant** may be utilized for research and office assistance, books, stationary, computer cost, research assistance and the field work expenses of Project Director, Co-Project Directors and research personnel connected with the research work.
17. **The overhead charges** to the affiliating institution over and above @ 5% or maximum Rs.1,00,000 will be released only after successful completion of the project after evaluation. The accounts and the Utilization Certificate will be signed by the Finance Officer/Registrar/Principal/Director in the case of accounts of the institution are audited by

CAG/AG. Otherwise, they need to be signed by the Finance Officer and the Chartered Account.

18. The Director of the research project will be Dr. NABIRASOOL who will be responsible for its completion within 24 Months from the date of commencement of the project, which is 25<sup>th</sup> March 2022 as intimated by the scholar.
19. In case, the Project Director does not submit the periodic / final project report as per schedule with adequate justification, the scholar may be debarred from availing all future financial assistance from ICSSR. -
20. All grants from ICSSR are subject to the general provision of GFR 2017.
21. The Project Director will ensure that the expenditure incurred by him conforms to the approved budget heads. The grant-in-aid is subject to all the conditions laid down in the Indian Council of Social Science Research (ICSSR) Research Projects available in the ICSSR website [www.icsr.org](http://www.icsr.org)
22. The expenditure on this account is debatable to the Budget Head-ICSSR (Scheme Code 0877); OH 31.09 Research Projects.
23. All project instalments will be transferred through Public Finance Management System (PFMS) and ICSSR shall implement the EAT module for ensuring transparency of expenditure at all levels and to ensure that there is no parking of funds.
24. As per MoE (Ministry of Education) instruction, the amount of grant sanctioned herein is to be utilized by the end of the project duration. Any amount of the grant remaining unspent shall be refunded to the ICSSR immediately after the expiry of the duration of the project. If the grantee fails to utilize the grant for the purpose for which the same has been sanctioned/or fails to submit the audited statement of expenditure within the stipulated period, the grantee will be required to refund the amount of the grant with interest thereon @ 10% per annum.
25. Any instalment release is subject to availability of grant, and satisfactory progress report of the scholar. Mere award of the study does not entitle the scholar for the release of any of the instalments.

Yours faithfully,



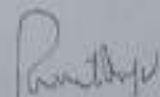
(Revathy Vishwanath)

For MEMBER-SECRETARY

Encl: as above.

Copy to:

1. Dr. NABIRASOOL, ASSISTANT PROFESSOR  
Indian Institute of Plantation Management  
Jnana Bharathi Campus, Malathalli Post,  
Bangalore, Karnataka-560 056
2. Dr. SUNEEL SANKALA, ASSISTANT PROFESSOR,  
School of Management Studies,  
Sreenidhi Institute of Science and Technology,  
Hyderabad-501 301
3. Finance Branch, ICSSR, New Delhi
4. Record file



(Revathy Vishwanath)

For MEMBER-SECRETARY



Title: A Study on "Tribal Entrepreneurial Development" e- Marketing of Minor forest Produce (MFP) and Development of Value chain Model in Coastal Andhra Pradesh.

By: Dr. NABIRASOOL.

S.No	Heads of Expenditure	Value (Rs.)
1	Project Director/Co-PD	
2	Research Staff: Full time/part time/Hired services	Not exceeding 45% of the total budget.
3	Field work	Not exceeding 35%
4	Equipment and study material	Not exceeding 12%
5	Contingency	Not exceeding 5%
6	Publication of report -	approx.5-7%
	<b>Grand Total</b>	ICSSR will finally make it 100%
	Affiliating Institutional overheads over and above the grand total	(Affiliating Institutional overheads @ 5% of the approved budget, subject to a maximum upper limit of Rs.1,00,000/-)

\* The five percent (5-7%) publication amount will be spent by the ICSSR Publication Division if the

Final report is found publishable by an Expert Committee constituted by the ICSSR.

- > **Remuneration and Emoluments of Project Staff**

(a) Project staff could be engaged by the Project Director on a full/ part-time basis during the research work and the defracted/consolidated monthly emoluments of their employment may be decided by the project director within the limits of the sanctioned financial allocation and as per the ICSSR rules (b) Research Associate @Rs.20, 000/- p.m. (Qualification - Post graduate in any social science discipline with minimum 55% marks and NET/SLET /M.Phil/Ph.D)(c)Research Assistant @Rs.16, 000/- p.m.(Qualification-Ph.D/M.Phil/ Post graduate in social science discipline with minimum 55% marks)(d) Field Investigator @ Rs.15, 000/-p.m. (not exceeding 6 months) (Qualification- Post graduate in any social science discipline with minimum 55% marks)(e).Retrospective payment for work already done is not permissible.
- > **Re-appropriation:** The Project Investigator may with the permission of the Institution, re-appropriate expenditure from one sub-head to another, subject to a maximum of 5-7 % of the particular budget heads. If the study necessitates re-appropriation beyond 7%, it may be done only after the approval of the ICSSR
- > **Selection of Research Staff** should be done through an advertisement and a selection committee consisting of (1) Project Director; (2) One outside Expert (other than the institute where the project is located); (3) a nominee of the Vice Chancellor/Head of the Institution and (4) Head of the Department/Dean of relevant faculty duly approved by the competent authority.
- > For all field work related expenses of Project Director, Co-Director and project personnel, rules pertaining to affiliating institutes shall be followed.
- > All equipment and books purchased out of the project fund shall be the property of the affiliating institutions. On completion of the study, the Project Director shall submit an undertaking in this regard. The ICSSR, however, reserves the right to take charge of equipment and books, if it thinks it fit in a case.
- > Purchase of equipment/ assets for the research Project is permissible only if it is originally proposed and approved by the ICSSR and does not exceed the permissible amount.
- > The scholar should acknowledge the support of ICSSR in all publications resulting from the programme output (Research Paper, Books, Articles, Repgrts, etc.) and should submit a copy of the same to the ICSSR during its course and even after completion.