



Padmavathi Computer Science &lt;padmavathi\_cs@avinuty.ac.in&gt;

**Award Letter of Major Research Project 2022-23**RP Division ICSSR <rpdivision@icssr.org>  
To: padmavathi\_cs@avinuty.ac.in

Fri, Mar 10, 2023 at 11:15 AM

File No. 02/145/2022-23/RP/MJ

Dated: 10/March/2023

**Award Letter of Major Research Project**

Dear Dr. Padmavathi Ganapathi,

Please refer to your Interaction with Expert Committee regarding Major Research Project under the Major Research Project Scheme of the ICSSR. Although you have made a presentation for the Major Research Project, the final selection is made on the basis of recommendations of the Expert Committee.

**Title Proposed: " A Policy Document to Study the Impact of Social Media on Juveniles with Psychological Profiling and Machine Learning "**

**Revised Title approved by the Expert Committee: NA.**

**Budget Approved: ₹ 700000 ( Rupees Seven Lakh Only )**

**First Instalment: 40% of the awarded grant, detailed Budget in break-up will be sent along with the sanction order of 280000/-**

The above has been approved by the Competent Authority on the recommendations of the Expert Committee. **You are requested to commence the study immediately.**

You are required to give an undertaking on a non-judicial stamp paper of Rs. 100/- (copy enclosed), declaration on a non-judicial stamp paper, original forwarding letter and send us the grant- in-aid bill (copy enclosed) of 40% of the awarded grant. All Payments and Transfers are to be done through EAT module hence the institution has to open a dedicated account as per the notification of ICSSR.

You are once again required to go through the eligibility criteria in the guidelines and make sure you fulfil them in all respect both in case of individual and institution. In case you have awarded a project under any other programme of ICSSR and sanction letter for the same has been issued you are requested to continue with earlier sanction and inform accordingly. This award in that case will not stand operational. In case you have already been awarded a project and sanction letter has not been issued you may make an option between the two awards and inform us clearly which project you would like to start. If there is any change in terms of original proposal you need to clarify and take approval from ICSSR in the beginning itself.

Kindly send us all the desired documents (attached herewith) to the undersigned within at the earliest to enable us to issue the formal sanction order as per the checklist enclosed.

With Regards  
Richa Sharma,  
Deputy Director (Research)  
Research Project Division  
Indian Council of Social Science Research  
New Delhi-110067  
011-26716690

Y/C  
Sancha Sharma  
Deputy Director  
RP Division Incharge  
Tel #011-26716690  
E-mail: rpddivision@icssr.org

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.02/9/GEN/2022-23/ICSSR/RP/MJ

Dated: 27-03-2023

The Director,  
Avinashilingam Institute for Home Science and  
Higher Education for Women  
Coimbatore-641043, Tamil Nadu

Subject: Sanction of Major Research Project entitled " Corporate Sustainability Approaches towards a Net Zero Economy: A sector-wise cross-sectional analysis of Disclosures by select Companies in India " to Dr. P.Santhi, Professor, Dept. of Commerce, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore-641043, Tamil Nadu.

Dear Sir/Madam,

1. The Indian Council of Social Science Research (ICSSR) approved the award of " Corporate Sustainability Approaches towards a Net Zero Economy: A sector-wise cross-sectional analysis of Disclosures by select Companies in India " as Major Research Project submitted by Dr.P.Santhi along with Dr. P.Sasirekha, Assistant Professor, Dept. of Commerce, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore-641043, Tamil Nadu as Co-Project Directors of your institution.
2. The study, as proposed by the researcher, is to be located at and financially administered by your institution as per the guidelines of this award.

The ICSSR has sanctioned a grant-in-aid of Rs. 1500000/- (Rupees Fifteen Lakh only) for the above Research Project and the grant will be released as follows:

First instalment @40% :	Rs. 600000/-
Second instalment @ 30%:	Rs. 450000/-
Third instalment @ 20% :	Rs. 300000/-
Final Instalment @ 5% :	Rs. 75000/-
Publication Cost@5%:	Rs. 75000/- *
<b>Total</b>	<b>Rs.1500000 /-</b>
Overhead charges over and above 7.5% or maximum Rs.1,00,000 :	Rs. 112500/-**

\*This amount to be retained by the ICSSR. ICSSR would publish the research subject to the recommendation by the expert and relevant Committees for the purpose, from the overall budget.

\*\*This amount will be released on successful completion of project after evaluation.  
(The break-up budget approved by the ICSSR of Rs. 1500000/- is enclosed.)

instalment of the approved grant-in-aid will be released after receiving the grant-in-aid bill duly filled and signed by the Project Director as well as the affiliating organization.

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

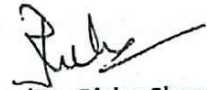
- a) If the schedule /questionnaire for eliciting information is as per standard questionnaire, these will have to be sent to ICSSR immediately,
  - b) If the schedule /questionnaire for eliciting information are to be designed afresh keeping in view the requirements of the project, these will have to be sent to the ICSSR within a period of six months in any case.
6. The Second instalment will be released after receiving a satisfactory Twelve months Progress Report (depending on the duration of the programme), Budget statement of account of first instalment, published peer reviewed journal, along with grant-in-aid bill towards the second instalment.
7. The Third instalment will be released after receiving Second Progress Report (depending on the duration of the programme), Budget statement of accounts of the second instalment, along with grant-in-aid bill towards the third instalment.
8. The Final/Fourth instalment will be released after receiving the following:-
- A) 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 (02 Copies) published in peer reviewed journals duly acknowledging ICSSR, similarity index score sheet, along with grant-in-aid bill towards the Fourth/Final 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 in report. Such data or information relating to the research project as may be asked by the ICSSR for preservation in the Data Archives should be given by the scholar.
  - B) Receipt of recommendation of the expert for acceptance of the Final Report, Audited statement of accounts (AC) submitted by Project Director 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.
9. 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.
10. 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. Non-Compliance to the Condition may lead to action against the Project Director by ICSSR.
11. 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.
12. 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.
13. 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 @ 7.5% over and above or maximum Rs.1,00,000 of the total expenditure incurred on the project only after successful completion of the project. 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.

istance and the field work expenses of Project Director, Co-Project Directors and research personnel with the research work.

Director of the research project will be Dr. P.Santhi who will be responsible for its completion within 24 months from the date of commencement of the project, which is 16.03.2023 as intimated by the Project Director.

16. In case, the Project Director does not submit the periodic / final project report as per schedule with adequate justification, the researcher may be debarred from availing all future financial assistance and ICSSR may take any necessary action against the Project Director/ Affiliating Institute as it is deemed fit.
17. All grants from ICSSR are subject to the general provision of GFR 2017.
18. 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.icssr.org](http://www.icssr.org) and other relevant Orders/Guidelines passed by ICSSR time to time.
19. The expenditure on this account is debatable to the Budget Head-ICSSR (Scheme Code 0877); OH 31.09 Research Projects.
20. 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.
21. 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.

Yours faithfully,



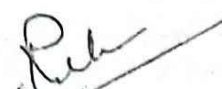
(Dr. Richa Sharma)

For MEMBER SECRETARY

Encl: As above

Copy to:

1. Dr.P.Santhi,  
Professor, Dept. of Commerce,  
Avinashilingam Institute for Home Science and  
Higher Education for Women, Coimbatore-641043,  
Tamil Nadu.
2. Dr.P.Sasirekha,  
Professor, Dept. of Commerce,  
Avinashilingam Institute for Home Science and  
Higher Education for Women, Coimbatore-641043,  
Tamil Nadu
3. Finance Branch, ICSSR, New Delhi
4. Record file



(Dr. Richa Sharma)

For MEMBER-SECRETARY



Raajeswari FSN &lt;raajeswari\_fsn@avinuty.ac.in&gt;

**TPN-78997 Technological Intervention for Sustainable Edible and Eco- friendly Film, Cutlery and Crockery from Vegetable and Fruit peel and Agro Waste**

4 messages

Dr. AKHILESH MISHRA <akhilesh.mishra@nic.in>  
Reply-To: "Dr. AKHILESH MISHRA" <akhilesh.mishra@nic.in>  
To: raajeswari\_fsn@avinuty.ac.in  
Cc: dsttdp@gmail.com

Mon, May 1, 2023 at 4:19 PM

**Dear Dr. Raajeswari,**

This is with regarding to the recommendation of the above mentioned resubmitted proposal by the Programme Advisory Committee (PAC) meeting for Technology Development Programme (TDP) of DST held on [13th February, 2023](#) in a virtual mode.

The PAC evaluated the resubmitted proposal and **Recommended** the above resubmitted proposal for Funding with the total cost of Rs. 70 Lakh for 3 years.

The PI is suggested to revise the proposal as per above observations for further consideration.

To enable us further processing of the above recommended project for the Funding, you are requested to arrange the following documents **in a single PDF format** :-

- **3 sets of quotations of equipment's (if any) proposed in the Proposals:** (preferably as per the GFR Rule- 2017, it is mandatory for the grantee organization to purchase the equipment's through the Government e-Marketplace (GeM), to the extent available there, as the project involves government funding).
- Tentative Quantified List of Consumables (along with the cost) required during the project execution.
- A table of modified budget, if any (As per the PAC's Suggestion).
- A copy of modified proposal (in case modified as per PAC's suggestions, otherwise not required)
- NGO Darpan ID and PAN No. of the institute for Private Institution/NGO only.

You are requested to send the above mentioned documents within a week via e-mail to [dsttdp@gmail.com](mailto:dsttdp@gmail.com) with a cc to the undersigned.

A copy of the Power point presentation presented before the PAC may also be sent.

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आदर के साथ..

**डॉ. अखिलेश मिश्र**

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**Dr. Akhilesh Mishra**

वैज्ञानिक 'ई' | Scientist 'E'

प्रौद्योगिकी विकास कार्यक्रम | डेटा और रणनीति इकाई (डीएसयू)

Over 25 Years  
of Celebrating  
the Arts



India  
Foundation  
for the Arts

Foundation Project Number: 2022-P-0-046

### CONTRACT

Between India Foundation for the Arts (IFA) and  
Ms Jayashree Venkatadurai

This CONTRACT is executed on this day the March 13, 2023 between the India Foundation for the Arts, Apurva, Ground Floor, No. 259, 4<sup>th</sup> Cross, RMV 2<sup>nd</sup> Stage, Bangalore – 560 094, Karnataka (hereinafter “**First Party**”) and Ms Jayashree Venkatadurai #8, HT Apartment, 129, Chinnammal Street Extension, KK Pudur, Coimbatore – 641 043, (hereinafter “**Second Party**”), who is the Project Coordinator.

“**First Party**” and “**Second Party**” shall hereinafter be collectively referred to as “**Parties**”.

This CONTRACT states that the First Party will be implementing a Foundation Project (hereinafter “**Project**”) with the Second Party as the Project Coordinator under the First Party’s Arts Research Programme, based on the proposal submitted by the Second Party on September 1, 2022.

Scope: This Foundation Project implemented by IFA will examine the role of illustrations in various kinds of Tamil magazines in the second half of the 20th century. It will seek to understand how the ascription of supplementary nature of illustrations to fictional narratives was understood and negotiated in the public sphere. The outcomes of this project will be an open-source digital repository and a monograph. The Project Coordinator’s deliverables to IFA, along with reports, will be a link to and a sample from the digital repository and the monograph. Project funds will pay for contract fees, travel and living, archive fees and purchase of equipment.

This CONTRACT will be in effect from a period of Eighteen months beginning from March 15, 2023 and ending on September 14, 2024.

#### Approved Allocated Budget

Contract fees	Rs 3,30,000
Travel and living	80,000
Archive fees	40,000
Purchase of equipment	<u>30,000</u>
Total	<u>Rs 4,80,000</u>

Amount in words: Rupees Four Lakh and Eighty Thousand only

Over 25 Years  
of Celebrating  
the Arts



India  
Foundation  
for the Arts

I F A

- Please note that the funds for this project are being supported by BNP Paribas India Foundation.
- TDS is applicable as per existing laws.

**The designated bank account for Project funds will be:**

Name of Account Holder: V Jayashree

Account Number: 994505862

Name of Bank: Indian Bank

Branch: Avinashilingam Deemed University Campus (Coimbatore)

IFSC Code: IDIB000A005

PAN Number: ANJPJ3988Q

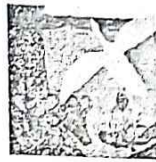
M: +91 075501 36175 / +91 094878 77937

**This CONTRACT outlines the terms and conditions of the Project that the First Party will be implementing with the Second Party as the Project Coordinator**

## **TERMS AND CONDITIONS**

### ***A. Financial***

1. Project funds must be used specifically for the designated purpose(s) in fulfillment of the objectives outlined in the project proposal.
2. Project funds cannot be transferred to any account other than the one mentioned above.
3. The total commitment of the First Party is limited to the amount approved in this CONTRACT. Any expenses incurred on the project beyond the allocated limit will be the Second Party's personal responsibility.
4. The Project funds must be used specifically in accordance with the above budget categories. In case a change is anticipated in the provisions made in the approved budget categories a prior written approval must be sought by the Second Party from the First Party at least one month before the end of the Project period. If the change in any line item is within 20 per cent or Rs. 50,000/- whichever is less, no prior approval is required.
5. A Budget modification will also need to be approved if it is found necessary to introduce a new budget category (or categories) for legitimate Project-related expenditure. The Second Party is requested to seek an approval from the First Party for such a modification before using funds to cover costs that cannot be spent under approved budget categories.
6. Only one Budget modification will be allowed by the First Party during the term of the Project.
7. Project funds must be spent within the Project period mentioned above. Any funds committed for the purposes of the Project but not expended within the period of the Project, will have to be returned to the First Party.



8. Project funds will be released in periodic Advances of 50%, 40% and a final settlement and reimbursement of 10% respectively. Subsequent advances will only be released after the satisfactory submission of requisite financial statement, along with original bills on time as mentioned in *Section B on Reporting* in this CONTRACT. The final settlement and reimbursement of 10% will be released within **21 days** of submission of satisfactory final report and financial statement with original bills on time and depositing of expected Deliverables as outlined on Page 1 of this CONTRACT, along with the duly signed undertaking as per the format in *Annexure I: Undertaking*.

### **B. Reporting**

1. The Second Party needs to submit two sets of signed reports and statements to the First Party in hard copy – i) the Interim Narrative Report and Financial Statement at the midterm of the Project's duration, and ii) the Final Narrative Report and Financial Statement within **45 days** after the end of the Project period.
2. The Interim Narrative Report should describe the progress of the Project activities towards the goals and objectives of the project as mentioned in the proposal, reflections on the process and challenges and hurdles faced during the reporting period.
3. The Interim Financial Statement should be as per the format in *Annexure II: Financial Statement*. This report should reflect the actual expenditure under the various approved budget categories. This statement should be submitted by the Second Party to the First Party with all original bills attached.
4. If there are any Deliverables that the Second Party wishes to deposit with the First Party at this point, they must send those in accordance with *Annexure III: Archival Requirements*.
5. Only if the Interim Narrative Report and Financial Statements are satisfactory, the request for second advance will be considered by the First Party. From the time the First Party receives a request for the second advance, it will take First Party a minimum of **14 days** to release it.
6. The Final Narrative Report should be comprehensive in describing and assessing all the activities undertaken during the entire Project period. It should be a self-evaluative document, covering shortcomings, accomplishments and innovations, responses to specific constraints or problems, and lessons learnt.
7. The Final Financial Statement should be as per the format in *Annexure II: Financial Statement* and be submitted along with all original bills for reimbursement of the final settlement of 10%.
8. The Second Party is required to send the First Party soft copies as well as signed hard copies in duplicate of all reports and statements.
9. The Second Party must send a signed copy of *Annexure I: Undertaking* with their final submission.





GOVERNMENT OF INDIA  
Ministry of Science & Technology  
Department of Science & Technology  
TDP/BDTD/66/2021 (G)/7  
(Technology Development Transfer)

Technology Bhawan, New Delhi  
Dated: 28/06/2023

**Sanction Order**

**Subject:** Financial assistance for the project entitled "Concerted approach to diagnose and manage anemia through development of cost-effective point of care devices" submitted by Dr. Kavitha Shankaranarayanan, ANNA UNIVERSITY, AU-KBC RESEARCH CENTER, MIT CAMPUS, ANNA UNIVERSITY, CHENNAI, 600036 Release of the first installment regarding

In supersession of this department's sanction order of even number dated 31/03/2023, Sanction of the President is hereby accorded to the approval to the above mention project at a total cost of **Rs. 1,22,15,400/- (Rupees One Crore Twenty Two Lakh Fifteen Thousand Four Hundred only)** for a duration of **1 Years**. The detailed breakup of the grant for General as well as Capital Components are given below:-

General Component : ₹ 93,88,700/-

Capital Component : ₹ 28,26,700/-

Items	(All Institute) Budget Summary (in Rs.)	
	Year-1	Total
<b>1- Non-Recurring</b>		
Screen- printing machine to develop screen-printed electrode-Digital Electric Mini Flat Screen Printer - 1	1268500	1268500
Binoocular Trinocular Microscope-DM 750 BF 4 Obj Plan Std EZ Tube Outfit and ICC50 E Camera Module - 1	300000	300000
EP42 PCB Prototype machine -NVIS 72 PCB Prototyping Machine (GeM Portal) - 1	658200	658200
RF Sputtering Unit -RF Power Supply with accessories - 1	600000	600000
<b>Subtotal (Capital)</b>	<b>2826700</b>	<b>2826700</b>
<b>2- Recurring</b>		
<b>Project Staff</b>	3318240	3318240
JRF-01 & Project Associate-01-2	401760	401760
Junior Research Fellow (JRF)-1 (Rs.31,000/- + 16% HRA.)	1294560	1294560
Junior Research Fellow (JRF)-1 (Rs.31,000/- + 24% HRA.)	922560	922560
Junior Research Fellow (JRF)-1 (Rs.31,000/- + 8% HRA.)	401760	401760
Project Assistant-1 (Rs.20,000/- + 24% HRA.)	297600	297600
<b>Consumables</b>	3225000	3225000
<b>Contingency</b>	220000	220000
<b>Travel</b>	80000	80000
<b>Overhead</b>	695460	695460
<b>other cost-</b>	400000	400000
<b>other cost-</b>	300000	300000
<b>other cost-</b>	250000	250000
<b>other cost-</b>	500000	500000
<b>other cost-</b>	350000	350000
<b>other cost-</b>	50000	50000
<b>Subtotal (General)</b>	<b>9388700</b>	<b>9388700</b>
<b>Total Project Cost (Cap.+ Gen.)</b>	<b>12215400</b>	<b>12215400</b>

1 AVINASHILINGAM INSTITUTE FOR HOME SCIENCE AND HIGHER EDUCATION FOR WOMEN, COIMBATORE ( Dr. Kowsalya)

Items	Budget Summary (in Rs.)	
	Year-1	Total
<b>1- Non-Recurring</b>		
<b>Subtotal (Capital)</b>	<b>0</b>	
<b>2- Recurring</b>		
<b>Project Staff</b>	431520	431520
Junior Research Fellow (JRF)-1(Rs.31,000/- + 16% HRA.)	431520	431520
<b>Consumables</b>	100000	100000

*[Handwritten Signature]*  
29/6/23

Contingency	40000	40000
Travel	10000	10000
Overhead	46522	46522
Subtotal (General)	628042	628042
<b>Total Project Cost (Cap.+ Gen.)</b>	<b>628042</b>	<b>628042</b>

2 VELLORE INSTITUTE OF TECHNOLOGY VELLORE ( Dr. Annamalai Senthilkumar)

Items	Budget Summary (in Rs.)	
	Year-1	Total
<b>1- Non-Recurring</b>		
Screen- printing machine to develop screen-printed electrode-Digital Electric Mini Flat Screen Printer - 1	1268500	1268500
<b>Subtotal (Capital)</b>	<b>1268500</b>	<b>1268500</b>
<b>2- Recurring</b>		
<b>Project Staff</b>	401760	401760
Others-2(JRF-01 & Project Associate-01)	401760	401760
<b>Consumables</b>	500000	500000
<b>Contingency</b>	40000	40000
<b>Travel</b>	10000	10000
<b>Overhead</b>	108141	108141
<b>Any Other (other cost)-</b>	400000	400000
<b>Subtotal (General)</b>	<b>1459901</b>	<b>1459901</b>
<b>Total Project Cost (Cap.+ Gen.)</b>	<b>2728401</b>	<b>2728401</b>

3 AVINASHILINGAM INSTITUTE FOR HOME SCIENCE AND HIGHER EDUCATION FOR WOMEN, COIMBATORE ( Dr. Judith Justin)

Items	Budget Summary (in Rs.)	
	Year-1	Total
<b>1- Non-Recurring</b>		
EP42 PCB Prototype machine -NVIS 72 PCB Prototyping Machine (GeM Portal) - 1	658200	658200
<b>Subtotal (Capital)</b>	<b>658200</b>	<b>658200</b>
<b>2- Recurring</b>		
<b>Project Staff</b>	431520	431520
Junior Research Fellow (JRF)-1(Rs.31,000/- + 16% HRA.)	431520	431520
<b>Consumables</b>	675000	675000
<b>Contingency</b>	10000	10000
<b>Travel</b>	10000	10000
<b>Overhead</b>	130122	130122
<b>Any Other (other cost)-</b>	500000	500000
<b>Subtotal (General)</b>	<b>1756642</b>	<b>1756642</b>
<b>Total Project Cost (Cap.+ Gen.)</b>	<b>2414842</b>	<b>2414842</b>

4 AVINASHILINGAM INSTITUTE FOR HOME SCIENCE AND HIGHER EDUCATION FOR WOMEN, COIMBATORE ( Dr. Kalaiselvi Senthil)

Items	Budget Summary (in Rs.)	
	Year-1	Total
<b>1- Non-Recurring</b>		
RF Sputtering Unit -RF Power Supply with accessories - 1	600000	600000
<b>Subtotal (Capital)</b>	<b>600000</b>	<b>600000</b>
<b>2- Recurring</b>		
<b>Project Staff</b>	431520	431520
Junior Research Fellow (JRF)-1(Rs.31,000/- + 16% HRA.)	431520	431520
<b>Consumables</b>	500000	500000
<b>Contingency</b>	20000	20000
<b>Travel</b>	10000	10000
<b>Overhead</b>	104922	104922
<b>Any Other (other cost)-</b>	350000	350000
<b>Subtotal (General)</b>	<b>1416442</b>	<b>1416442</b>
<b>Total Project Cost (Cap.+ Gen.)</b>	<b>2016442</b>	<b>2016442</b>

*Handwritten signature and date: 28/10/16*

## 5 ANNA UNIVERSITY ( Dr. Kavitha Shankaranarayanan)

Items	Budget Summary (in Rs.)	
	Year-1	Total
<b>1- Non-Recurring</b>		
Subtotal (Capital)	0	
<b>2- Recurring</b>		
Project Staff	297600	297600
Project Assistant-1(Rs.20,000/- + 24% HRA.)	297600	297600
Consumables	800000	800000
Contingency	40000	40000
Travel	10000	10000
Overhead	95808	95808
Any Other (other cost)-.	50000	50000
Subtotal (General)	1293408	1293408
Total Project Cost (Cap.+ Gen.)	1293408	1293408

## 6 ANNA UNIVERSITY ( Dr. Muttan)

Items	Budget Summary (in Rs.)	
	Year-1	Total
<b>1- Non-Recurring</b>		
Subtotal (Capital)	0	
<b>2- Recurring</b>		
Project Staff	461280	461280
Junior Research Fellow (JRF)-1(Rs.31,000/- + 24% HRA.)	461280	461280
Consumables	0	
Contingency	30000	30000
Travel	10000	10000
Overhead	40102	40102
Subtotal (General)	541382	541382
Total Project Cost (Cap.+ Gen.)	541382	541382

## 7 ANNA UNIVERSITY ,CHENNAI 25 ( Dr. Sasikala)

Items	Budget Summary (in Rs.)	
	Year-1	Total
<b>1- Non-Recurring</b>		
Binocular Trinocular Microscope-DM 750 BF 4 Obj Plan Std EZ Tube Outfit and ICC50 E Camera Module - 1	300000	300000
Subtotal (Capital)	300000	300000
<b>2- Recurring</b>		
Project Staff	461280	461280
Junior Research Fellow (JRF)-1(Rs.31,000/- + 24% HRA.)	461280	461280
Consumables	350000	350000
Contingency	20000	20000
Travel	10000	10000
Overhead	87302	87302
Any Other (other cost)-.	250000	250000
Subtotal (General)	1178582	1178582
Total Project Cost (Cap.+ Gen.)	1478582	1478582

## 8 CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE (CECRI) ( Dr. V Ganesh)

Items	Budget Summary (in Rs.)	
	Year-1	Total
<b>1- Non-Recurring</b>		
Subtotal (Capital)	0	
<b>2- Recurring</b>		
Project Staff	401760	401760
Junior Research Fellow (JRF)-1(Rs.31,000/- + 8% HRA.)	401760	401760
Consumables	300000	300000

28/06

<b>Contingency</b>	20000	20000
Travel	10000	10000
Overhead	82541	82541
Any Other (other cost)-.	300000	300000
<b>Subtotal (General)</b>	1114301	1114301
<b>Total Project Cost (Cap.+ Gen.)</b>	1114301	1114301

2. The sanction of the President is also accorded to the release of Rs. 9,68,408/- (Rupees Nine Lakh Sixty Eight Thousand Four Hundred Eight only) to the "Director/Registrar/Principal/Controller/Comptroller, ANNA UNIVERSITY" being the first installment of grant as mentioned above table under "General Component" for the above mentioned project.

3. The expenditure involved is debitable to Demand No. 89, Department of Science & Technology for the year 2023-24:

3425	Other Scientific Research(Major Head)
3425.60	Others : (Sub-Major Head)
3425.60.200	Assistance to Other Scientific Bodies(Minor Head)
3425.60.200.70	Innovation,Technology Development and Deployment
3425.60.200.70.00	Detailed Head
3425.60.200.70.00.31	Grants-in-aid General
	(Previous: 3425.60.200.26.01.31)

4. The amount of ₹ 1/- (Rupee One only) against the sanctioned amount of 9,68,408/- (Rupees Nine Lakh Sixty Eight Thousand Four Hundred Eight only) will be drawn by DDO, DST and disbursed to the "CNA account of SERB in respect of Innovation,Technology Development and Deployment Scheme".

Name of A/C Holder	Innovation Technology Development and Deployment
Bank A/C No	349902010051240
Name of the Bank & branch	Union Bank of India, Safdarjang Enclave - New Delhi
RTGS/IFSC code	UBIN0534994

5. CNA shall assign/allocate the amount of Rs. 968408/- (Rupees Nine Lakh Sixty Eight Thousand Four Hundred Eight only) to the Director/Registrar/Principal/Controller/Comptroller, ANNA UNIVERSITY" as per details given below:-

Name of A/C Holder	The Director, CSRC -1819
Bank A/C No	070312010000105
Name of the Bank & branch	Union Bank of India
RTGS/IFSC code	UBIN0807036

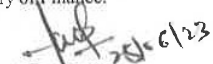
6. As per Rule 234 of GFR 2017, the sanction has been entered at S. No 47. in the register of grants maintained in the Technology Development Transfer for the scheme Biomedical Device and Technology Development (Grand Challenge) .

7. This issues with the concurrence of IFD vide their Concurrence Dy. No. IFD/C/III/060623/31/00697 dated 06/06/2023.

8. The GI will keep all the funds received in the Central Nodal Account only and shall not transfer the funds to any other account or not divert the same to Fixed Deposits/ Flexi-Account/ Multi-Option Deposit Account/ Corporate Liquid Term Deposit (CLTD) account etc. The funds released to GI shall not be parked in bank account of any other agency.

9. The GI will ensure the compliance of OM. No. F. No. 1/(18)/PFMS/FCD/2021 dated March 9, 2022 of Department of Expenditure, Ministry of Finance.

10. This sanction order is subject to the Terms & Conditions as annexed .


  
**Dr. Akhilesh Mishra**  
 (Scientist - 'E')  
 akhilesh.mishra@nic.in

To,  
 The Pay & Accounts Officer,  
 Department of Science & Technology,  
 New Delhi - 110 016.

Copy of information and necessary action to:

1. The Principal Director of Audit, Scientific Department, IIIrd floor, AGCR Building, I.P. Estate, New Delhi.
2. The Financial Advisor, Integrated Finance Division,Technology Bhavan, New Mehrauli Road, Block C, Qutab Institutional Area, New Delhi, Delhi 110016
3. The Internal Audit Wing, Department of Science & Technology,Technology Bhavan, New Mehrauli Road, Block C, Qutab Institutional Area, New Delhi, Delhi 110016
4. Drawing and Disbursing Officer, DST, Cash Section. (two copies)
5. Dr. Annamalai Senthilkumar, Professor, Chemistry, VELLORE INSTITUTE OF TECHNOLOGY VELLORE, Vellore, Vellore, Tamilnadu - 632014
6. Dr. Judith Justin, Professor, Biomedical Instrumentation Engineering, AVINASHILINGAM INSTITUTE FOR HOME SCIENCE AND HIGHER EDUCATION FOR WOMEN, COIMBATORE, COIMBATORE, Coimbatore, Tamilnadu - 641043
7. Dr. Kalaiselvi Senthil, Assistant Professor, Biochemistry, AVINASHILINGAM INSTITUTE FOR HOME SCIENCE AND HIGHER EDUCATION FOR WOMEN, COIMBATORE, COIMBATORE, Coimbatore, Tamilnadu - 641043
8. Dr. Kavitha Shankaranarayanan, Director, Biology, ANNA UNIVERSITY, Chennai, Chennai, Tamilnadu - 600036

9. Dr. Kowsalya, Professor and Registrar, Food Science and Nutrition, AVINASHILINGAM INSTITUTE FOR HOME SCIENCE AND HIGHER EDUCATION FOR WOMEN, COIMBATORE, COIMBATORE, Coimbatore, Tamilnadu - 641043
10. Dr. Muttan, Professor, ECE, ANNA UNIVERSITY, Chennai, Chennai, Tamilnadu - 600025
11. Dr. Sasikala, Professor, Electronics and Communication TECHNOLOGY, ANNA UNIVERSITY ,CHENNAI 25, guindy campus, Chennai, Tamilnadu - 600025
12. Dr. V Ganesh, Principal Scientist, Electrodiics and electrocatalysis division, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE (CECRI), Karaukudi, Viluppuram, Tamilnadu - 630003
13. The Director/Registrar/Principal/Controller/Comptroller, ANNA UNIVERSITY ,CHENNAI 25, guindy campus, Chennai, Tamilnadu - 600025
14. The Director/Registrar/Principal/Controller/Comptroller, ANNA UNIVERSITY, Chennai, Chennai, Tamilnadu - 600025
15. The Director/Registrar/Principal/Controller/Comptroller, ANNA UNIVERSITY, Chennai, Chennai, Tamilnadu - 600036
16. The Director/Registrar/Principal/Controller/Comptroller, AVINASHILINGAM INSTITUTE FOR HOME SCIENCE AND HIGHER EDUCATION FOR WOMEN, COIMBATORE, COIMBATORE, Coimbatore, Tamilnadu - 641043
17. The Director/Registrar/Principal/Controller/Comptroller, CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE (CECRI), Karaukudi, Viluppuram, Tamilnadu - 630003
18. The Director/Registrar/Principal/Controller/Comptroller, VELLORE INSTITUTE OF TECHNOLOGY VELLORE, Vellore, Vellore, Tamilnadu - 632014
19. Secretary, SERB, New Delhi ( for allocation of limits to implementing agency )
20. Head (Technology Development Transfer) DST
21. Sanction Folder (Technology Development Transfer)

  
Dr. Akhilesh Mishra  
(Scientist - 'E')  
akhilesh.mishra@nic.in



GOVERNMENT OF INDIA  
Ministry of Science & Technology  
Department of Science & Technology  
TDP/BDTD/66/2021 (G)/7

**Terms & Conditions**

1. The grantee organization will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report (Vis-a-Vis Target Vs-Achievement) at the end of each financial year duly reflecting the interest earned / accrued on the grant received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.
2. The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final installment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.
3. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.
4. The grant-in-aid being released is subject to the condition that:-
  - a) A transparent procurement procedure in line with Provisions of General Financial Rules 2017 will be followed by the Institute/Organization under the appropriate rules of grantee organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant.
  - b) While submitting Utilization Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard of the purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.
5. As per the GFR 2017 Rule 230 (8) the Grantee Institute should ensure that all the interests or other earnings against Grant-in-Aid or advances (other than reimbursement) released to any Grantee institution should be mandatorily remitted to the Consolidated Fund of India immediately after finalization of the accounts. Such advances will not be allowed to be adjusted against future releases.
6. As per the GFR 2017 Rule 230 (17) "the Grantee Institute should agree to make reservations for Scheduled Castes and Scheduled Tribes or OBC in the posts or services under its control on the lines indicated by the Government of India"
7. The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grants released during F.Y. 2017-18 and onwards, all interests and other earnings against released Grant shall be remitted to Consolidated Fund of India (through Non-Tax Receipt Portal (NTRP), i.e. [www.bharatkosh.gov.in](http://www.bharatkosh.gov.in)), immediately after finalization of accounts, as it shall not be adjusted towards future release of Grant. A certificate to this effect shall have to be submitted along with Statement of Expenditure/ Utilization Certificate for considering subsequent release of Grant/ Closure of Project accounts.
8. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.
9. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.
10. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publication / media release as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.
11. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.
12. It is mandatory to use EAT module in PFMS, failing which no further funds shall be released.
13. Goods (Consumable/Equipment) available in GeM portal are to be procured mandatorily online through GeM only as per the provisions of Rule 149 of GFR.
14. The Grantee Institute should follow Global Tendering Enquiry (GTE) conditions as per Department of Expenditure ID Note No:4/1/2021-PPD dated 10.09.2021.
15. If One time assistance or non-recurring grant as Grant-in-Aid for Rs. 10.00 lakhs to Rs. 50.00 lakhs, it should be included in the Annual Report of the Institute.
16. The Grantee Institute must ensure any other provisions of GFR-2017 and guidelines/amendments issued from Govt. of India from time to time.



भारत सरकार  
विज्ञान और प्रौद्योगिकी मंत्रालय  
विज्ञान और प्रौद्योगिकी विभाग  
TDP/BDTD/66/2021 (G)/7  
**निबंधन और शर्तें**

1. अनुदानग्राही संस्थान प्रत्येक वित्त वर्ष के अंत में इस परियोजना के अंतर्गत प्राप्त अनुदान पर अर्जित/प्रोद्भूत ब्याज को विधिवत रूप से दशति हुए अद्यतन प्रगति रिपोर्ट (लक्ष्य बनाम उपलब्धि) के साथ जीएफआर 2017 में विनिर्दिष्ट प्ररूप में वित्तीय वर्ष-वार उपयोग प्रमाण पत्र (यूसी) और व्यय का लेखापरीक्षित विवरण (एसई) विज्ञान और प्रौद्योगिकी विभाग को प्रस्तुत करेगा। यह परियोजना की समाप्ति की निर्धारित तारीख से एक वर्ष भीतर व्यय का अंतिम विवरण, उपयोग प्रमाण-पत्र और परियोजना समाप्ति रिपोर्ट प्रस्तुत करने की शर्त के भी अधधीन है।
2. अनुदानग्राही संस्थान को उपयोग प्रमाण-पत्र इस प्रभाग में भौतिक रूप में भेजने के साथ-साथ पीएफएमएस पोर्टल पर प्रविष्ट और अपलोड करना होगा। अनुवर्ती/अंतिम किस्त प्रभाग द्वारा यूसी की स्वीकृति की पुष्टि और पीएफएमएस में पूर्ववर्ती उपयोग प्रमाण-पत्र की प्रविष्टि के बाद ही जारी की जाएगी।
3. यदि अनुदान एक ही परियोजना के अंतर्गत उपस्कर (रों) की खरीद के लिए पृथक संस्वीकृति आदेश के माध्यम से पूंजी-शीर्ष के अंतर्गत जारी किया गया है तो जारी किया गया पूंजी-शीर्ष अनुदान के लिए पृथक एसई/यूसी प्रस्तुत करना होगा।
4. जारी किया जा रहा सहायता अनुदान निम्नलिखित शर्तों के अधधीन है-
  - क) उपर्युक्त परियोजना के लिए संस्वीकृत पूंजी आस्तियों की खरीद करते समय अनुदानग्राही संस्थान के उचित नियमों के तहत संस्थान/संगठन द्वारा सामान्य वित्तीय नियमावली 2017 के उपबंधों के अनुरूप पारदर्शी खरीद प्रक्रिया का अनुपालन किया जाए और अनुदान प्राप्ति पर तुरंत प्रभाव से अनुदानग्राही संगठन द्वारा इस आशय का प्रमाण-पत्र प्रस्तुत किया जाए।
  - ख) उपयोग प्रमाण-पत्र/ व्यय विवरण प्रस्तुत करते समय, संगठन को जीएफआर 2017 के उपबंधों के अनुसरण में उपस्कर/पूंजी आस्तियों की खरीद के संबंध में संबन्धित दस्तावेज़-साक्ष्य प्रस्तुत करना सुनिश्चित करना होता है।
5. जीएफआर नियमावली 2017 के नियम 230 (8) के अनुसार अनुदानग्राही संस्थान को सुनिश्चित करना चाहिए कि किसी भी अनुदानग्राही संस्थान को जारी किए गए सहायता अनुदान या अग्रिम (प्रतिपूर्ति से भिन्न) पर प्राप्त समस्त प्रकार के ब्याज या अन्य आय को लेखों को अंतिम रूप दिए जाने के तुरंत बाद भारतीय समेकित निधि में अनिवार्य रूप से विप्रेषित किया जाए। ऐसे अग्रिमों को भविष्य में जारी की जाने वाली निधियों में समायोजित करने की अनुमति नहीं दी जाएगी।
6. जीएफआर नियमावली 2017 के नियम 230 (17) के अनुसार, "अनुदानग्राही संस्थान को भारत सरकार के निर्देशानुसार अपने नियंत्रणाधीन पदों या सेवाओं में अनुसूचित जाति या अनुसूचित जनजाति या ओबीसी के लिए आरक्षण रखने पर सहमत होना चाहिए।"
7. अनुदानग्राही संस्थान परियोजना का पृथक परीक्षित लेखा रखेगा और अनुदान की समस्त राशि बैंक खाते में सभ्याज रखी जाएगी। वित्तीय वर्ष 2017-18 के दौरान और उसके बाद जारी अनुदान के लिए, अनुदान के लिए सभी प्रकार के ब्याज या अन्य आय ऐसे लेखों को अंतिम रूप दिए जाने के तुरंत बाद भारतीय समेकित निधि में गैर कर प्राप्ति पोर्टल (एनटीआरपी) अर्थात् [www.bharatkosh.gov.in](http://www.bharatkosh.gov.in) के माध्यम से विप्रेषित की जाएगी, क्योंकि यह राशि भविष्य में जारी की जाने वाली राशि में समायोजित नहीं की जाएगी। अनुवर्ती अनुदान के निर्गम/ परियोजना खाते को बंद करने पर विचार किए जाने के लिए, व्यय विवरण/ उपयोग प्रमाण-पत्र के साथ इस आशय का प्रमाण पत्र प्रस्तुत करना होगा।
8. डीएसटी, अनुदान से सृजित परिसंपत्तियों पर एकमात्र सुरक्षित अधिकार रखता है। सरकारी अनुदानों से पूरी तरह से या पर्याप्त रूप से अर्जित संपत्ति (जीएफआर 2017 में निर्धारित प्रक्रिया के अनुसार अप्रचलित और अनुप्रयोज्य, अनुपयोगी घोषित अनुदानों से इतर), का निपटारा डीएसटी का पूर्व अनुमोदन प्राप्त किए बिना नहीं किया जाएगा।
9. जैसा कि सामान्य वित्तीय नियमावली 2017 के नियम 236 (1) के तहत निर्धारित किया गया है, अनुदानग्राही संगठन का लेखा स्वीकृति प्रदाता प्राधिकारी और लेखा परीक्षक (भारत के नियंत्रक एवं महालेखापरीक्षक और डीएसटी के प्रधान लेखा कार्यालय दोनों द्वारा आंतरिक लेखा परीक्षा) द्वारा निरीक्षण किए जाने, जब भी संगठन को ऐसा करने के लिए कहा जाता है, हेतु अभिगम्य होगा।
10. इस परियोजना अनुदान से प्राप्त तकनीकी सहायता/वित्तीय सहायता की उचित पावती को अनुदानग्राही संगठन द्वारा सभी प्रकाशनों/मिडिया प्रकाशनी में मोटे अक्षरों में और परियोजना के पूरा होने के दौरान और तदुपरांत उनकी वार्षिक रिपोर्टों के शुरुआती पैराग्राफों में अनिवार्य रूप से दिखाया किया जाना चाहिए।
11. बॉन्ड के नियमों और शर्तों का पालन करने में असफल होने पर जीएफआर 2017 के नियम 231 (2) के अनुसार पूरी राशि सभ्याज वापस करनी होगी।
12. पीएफएमएस में ईएटी मॉड्यूल का उपयोग करना अनिवार्य है, ऐसा न करने पर अन्य कोई भी आगामी निधि जारी नहीं की जाएगी।
13. जीएफआर के नियम 149 के उपबंधों के अनुसार जीईएम पोर्टल पर उपलब्ध वस्तुओं (उपभोज्य वस्तु /उपस्कर) का अनिवार्यता आर्न लाइन प्रापण जैम (जीईएम) ही के माध्यम से किया जाना है।
14. अनुदान ग्राही संस्थान को व्यय विभाग के आईडी नोट संख्या: 4/1/2021-पीपीडी दिनांक 10.09.2021 के अनुसार वैश्विक निविदाकरण जांच-पड़ताल (जीटीई) नियमों का पालन करना चाहिए।
15. यदि एकबारगी सहायता या गैर-आवर्ती अनुदान 10.00 लाख रुपये से 50.00 लाख रुपये के सहायता अनुदान का हो तो इसे संस्थान की वार्षिक रिपोर्ट में दर्ज किया जाना चाहिए।
16. अनुदान ग्राही संस्थान को जीएफआर-2017 के किसी भी अन्य उपबंध और समय-समय पर भारत सरकार द्वारा जारी दिशा-निर्देश/संशोधन का अनुपालन सुनिश्चित करना चाहिए।



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सेन्ट्रल माईन प्लानिंग एण्ड डिजाइन इन्स्टीच्यूट लिमिटेड  
(कोल इण्डिया लिमिटेड की अनुबंधी कम्पनी / भारत सरकार का एक लोक उपक्रम)  
गोन्दवाना प्लेस, कान्के रोड, राँची - 834 031, झारखंड (भारत)  
Central Mine Planning & Design Institute Limited  
(A Subsidiary of Coal India Limited / Govt. of India Public Sector Undertaking)  
Gondwana Place, Kanke Road, Ranchi - 834 031, Jharkhand (INDIA)  
CORPORATE IDENTITY NUMBER - U14292JH1975GOI001223

दिनांक: 12.10.2022

पत्र सं. सीएमपीडीआई/वि. एवं प्रौ /CP-51/ 330

सेवा में,

Dr. Prabu V

Associate Professor

Department of Chemical Engineering

Indian Institute of Technology, Guwahati

Guwahati - 781039 (Assam)

e-mail: v.prabu@iitg.ac.in

**विषय:** Govt. of India (GoI) sanction of Coal S&T project titled "**Ultrasonic Washing For Desulphurization of Coal**" - Indian Institute of Technology Guwahati (IITG), Guwahati, Avinashilingam Institute for Home Science and Higher Education for Women (AIHSEW), Coimbatore, Kuvempu University, Shimoga, Tumkur University, Tumkur & NEC, Margherita.

महाशय,

This has reference to letter No. 34012/02/2022-CCT (FTS-354034) dated 11<sup>th</sup> October, 2022 issued by the Under Secretary to the Govt. of India, Ministry of Coal, New Delhi conveying the sanction of above Coal S&T project for a sum of **Rs. 197.35 lakh** (IIT, Guwahati - Rs. 167.69 lakh, Avinashilingam Institute for Home Science and Higher Education for Women (AIHSEW), Coimbatore - Rs. 29.66, Kuvempu University (KU), Shimoga - Nil, Tumkur University (TU), Tumkur - Nil and NEC, Margherita - Nil). The project is of **2 years** duration. A copy of the sanction from Ministry of Coal (MoC) is enclosed.

The project proposal is approved subject to the following conditions:

- The Intellectual Property Right (IPR) of total product/process/system developed would be shared between MoC and the Implementing/Sub-implementing Agency(s) in equal proportion (50:50) after successful completion and before commercialization of the product/ process developed. In this case, 50% of the IPR shall belong to MoC and 50% of IPR shall be distributed among implementing agencies i.e. IITG, AIHSEW, KU, TU & NEC, Margherita in equal proportion (MoC:IITG:AIHSEW:KU:TU:NEC :: 50:10:10:10:10). IIT, Guwahati shall take all necessary action regarding application of IPR and other related things including financial implication after completion of the project.
- The project will be executed in conformity with the "Guidelines for Implementing Coal Research Projects" document of Ministry of Coal.
- The equipment "coal pulverizer" for IIT, Guwahati shall be procured indigenously.
- Funds for Avinashilingam Institute of Home Science and Higher Education for Women (Sub-implementing agency) shall be disbursed through IIT, Guwahati.

The project will have Code No **CP-51** and will be deemed to have come into effect from **15<sup>th</sup> October, 2022**. It is requested to take necessary steps for implementation of the project so that the same could be completed within the approved scheduled time of completion.

P.T.O.





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(कोल इण्डिया लिमिटेड की अनुषंगी कम्पनी / भारत सरकार का एक लोक उद्योग)।  
गोन्दवाना प्लेस, कान्के रोड, राँची - 834 031, झारखण्ड (भारत)  
Central Mine Planning & Design Institute Limited  
(A Subsidiary of Coal India Limited / Govt. of India Public Sector Undertaking)  
Gondwana Place, Kanke Road, Ranchi - 834 031, Jharkhand (INDIA)  
CORPORATE IDENTITY NUMBER - U14292.TN1975GO10012

- 2 -

The following provisions laid down in the S&T Guidelines of Ministry of Coal are applicable and should be followed strictly.

### 1. PATENTS

- i) Intellectual Property Rights (IPR) will be shared between MoC and the Implementing / Sub-implementing Agency(s) in equal proportion (50:50) after successful completion and before commercialization of the product/ process developed. In case, there are more than one implementing Agencies, the proportion i.e. 50% of the IPR may be distributed among all implementing Agencies in appropriate proportion. Director Technical (RD&T), CMPDI will be the inventor/ proprietor on behalf of MoC during filling of IPR.
- ii) While applying for the IPR, the Principal Implementing / Sub-implementing Agency(s) should clearly mention the name of the S&T project under which various processes / products were developed and the fact that funds for the development, for which patent is proposed to be taken were provided by Ministry of Coal (MoC). Implementing agency shall file patent application with prior approval from the Chairman of the Technical Sub-committee of SSRC through Nodal Agency i.e. CMPDI. MoC may impose any other conditions as it may deem fit.
- iii) The institutions shall submit information relating to the details of the patent obtained, the benefits and earnings arising out of IPR and the turnover of the products periodically to the funding Agency (i.e. Department/Ministry).
- iv) The Government shall have a royalty-free license for the use of the intellectual property for the purpose of the Government of India. The implementing agencies should fully share the know-how with CMPDI.
- v) Any instructions issued by Central Government time to time regarding IPR shall be strictly followed.

### 2. ASSETS ACQUIRED UNDER S&T GRANTS

All assets acquired under the S&T Grant shall be the property of MoC.

The records of all assets procured / purchased under S&T Grant shall be maintained by the Principal Implementing / Sub-implementing Agency(s) in a bound paged register in the prescribed Proforma (Form-IV) as well as in their earmarked computing system.

All assets acquired under the S&T Grant shall not, without prior approval of Technical Sub-committee of SSRC, be disposed off or encumbered or utilized or transfer to any other institute/ organisation for the purpose other than specified. Any decision of Technical Sub-committee of SSRC regarding retention/return/disposal/transfer of assets shall be treated as final.

All other terms & conditions regarding assets as mentioned in the S&T Guidelines shall be strictly followed.

### 3. AUDIT OF ACCOUNTS

It shall be the responsibility of Principal Implementing / Sub-implementing Agency(s) to get the accounts pertaining to the S&T Grant audited, regularly and furnish the copy of audited statement to CMPDI. The Comptroller and Auditor General (CAG) of India at his discretion shall have the right of access to the books and accounts of the Principal Implementing / Sub-implementing Agency(s) for

P.T.O.



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(कोयला इण्डिया लिमिटेड की अनुषंगी कम्पनी / भारत सरकार का एक लोक उद्योग)  
गोन्दवाना प्लेस, कान्के रोड, राँची - 834 031, झारखण्ड (भारत)  
**Central Mine Planning & Design Institute Limited**  
(A Subsidiary of Coal India Limited / Govt. of India Public Sector Undertaking)  
Gondwana Place, Kanke Road, Ranchi - 834 031, Jharkhand (INDIA)  
**CORPORATE IDENTITY NUMBER - U14292.TM1975COI001223**

- 3 -

the fund received from MoC. In case of adverse remarks/audit para on the project being funded from this fund, the Principal Implementing / Sub-implementing Agency(s) shall immediately bring such remarks para to the notice of the Nodal Agency, along with their reply to such para remarks.

#### 4. INTEREST

If a part or whole of the fund is kept in a bank account earning interest, the interest earned, if any, shall be reported to CMPDI. The interest thus earned will be treated as a credit to the institute to be adjusted towards further installments of fund under the project or to be subsequently credited to CMPDI account for credit to the MoC on completion of the project. Fund received from CMPDI shall not be parked in bank account not earning interest.

#### 5. PROJECT PROGRESS, ENGAGEMENT OF PERSONAL AND FUND REQUIREMENT

- (i) It is requested to submit quarterly progress reports in respect of quarters ending March, June, September & December each year in triplicate in prescribed proforma providing physical (FORM - V) and financial progress (FORM - III & IV) so that the same reaches this office by 15<sup>th</sup> of the month following close of the quarter. Financial expenditure statements should be signed by Project Leader and Associated Finance Official of the Institute along with seal.
- (ii) It is requested to submit detailed action plan for the year 2022-23 duly signed by Project Leader / Coordinator.
- (iii) A consolidated report of progress made against the objectives and approved work programme shall be submitted every year by implementing agencies to CMPDI, for in-depth review of the project progress.
- (iv) Draft project completion report should be submitted two (02) months prior the scheduled date of completion of the project.
- (v) As per the Office Memorandum dated 28.01.2019, issued by Under secretary to the Govt. of India (Finance), MoC (copy enclosed), it is asked to engage SC and ST candidates in research projects as per the norms of the Government or at least one person each from SC and ST category in each project.
- (vi) The requirement of fund in form-II along with e-mandate & an original cancelled cheque may please be submitted in triplicate, duly signed by associate finance and project leader.

सधन्यवाद,

संलग्न: उपर्युक्त

*Amar Kant Mishra*  
12/10/2022  
भवदीय,  
(अमर कान्त मिश्रा / Amar Kant Mishra)  
महाप्रबंधक (वि. एवं प्रौ.) / General Manager (S&T)

P.T.O.



# cmpdi

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(कोयला इण्डिया लिमिटेड की अनुबंधी कम्पनी / भारत सरकार का)  
गोन्डवाना प्लेस, कान्के रोड, राँची - 834 031, झारखण्ड  
Central Mine Planning & Design Institute Ltd.  
(A Subsidiary of Coal India Limited / Govt. of India Public Sector Undertaking)  
Gondwana Place, Kanke Road, Ranchi - 834 031, Jharkhand (INDIA)  
CORPORATE IDENTITY NUMBER - U14292JH1975GO1981223

- 4 -

**सादर सूचनार्थः**

1. अध्यक्ष-सह-प्रबंध निदेशक, सी.एम.पी.डी.आई
2. सलाहकार (परियोजना), कोयला मंत्रालय
3. निदेशक तकनीकी (आरडी एण्ड टी), सी.एम.पी.डी.आई
4. अवर सचीव, कोयला मंत्रालय

email- cmd.cmpdi.cil@coalindia.in  
email- advp.moc@nic.in  
email- dirrdt.cmpdi@coalindia.in  
email- uscrc.moc@nic.in/ socrc.moc@nic.in

**प्रतिलिपि (for necessary action):**

1. Dr. P. Lalitha, Avinashilingam Institute for Home Science and Higher Education for Women
2. Dr. B.E. Kumara Swamy, Kuvempu University
3. Dr. H. Nagabhushan, Tumkur University
4. General Manager(NEC), Margherita, Assam

email- goldenlalitha@gmail.com  
email- kumaraswamy21@gmail.com  
email- bhushanvlc@gmail.com  
email- gm.nec.cil@coalindia.in

**No. BT/PR39704/FCB/125/98/2020**  
GOVERNMENT OF INDIA  
MINISTRY OF SCIENCE & TECHNOLOGY  
DEPARTMENT OF BIOTECHNOLOGY

Block 2, 6-8th Floors  
CGO Complex, Lodhi Road,  
New Delhi- 110 003  
Dated: / /

**ORDER**

Sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules ,1978 , for the implementation of the project entitled: "**Development of genetics stocks, genomic resources for Neolamarckia cadamba (Kadam) for timber value and medicinal properties**" for a period of 3 Year 0 Month at a total cost of Rs.**3949000** (Rupees Thirty Nine Lakhs Fourty Nine Thousand Only) on the terms and conditions detailed here under:-

**2 The Project :**

**2.1 Title :** "**Development of genetics stocks, genomic resources for Neolamarckia cadamba (Kadam) for timber value and medicinal properties**"

**2.2 Details of the Investigators:**

**Project Cordinator**

**Dr. Senthil Natesan**

Professor

Department of Plant Molecular Biology and Bioinfor

Tamil Nadu Agricultural University

Department of Plant Molecular Biology and Bioinformatics, CPMB&B,

Tamil Nadu Agricultural University, Coimbatore-641003, India,

Coimbatore, Tamilnadu, 641003

**Principal Investigators:**

**Dr. Senthil Natesan**

Professor

Department of Plant Molecular

Biology and Bioinfor

Tamil Nadu Agricultural University

Department of Plant Molecular

**Dr. Kalaiselvi Senthil**

Assistant Professor

Department of Biochemistry

Biotechnology and Bioin

Avinashilinam Institute for Home

Science & Higher Education for

**CO-PI:**

**Dr. Parthiban K**

Professor and Dean

Department of Agro

forestry

Tamilnadu Agricultural

University

Forest College and

Reseach Institute,

Mettupalayam,

641301, Coimbatore -

641301, Tamilnadu

**Dr. Balasubramanian****A**

Professor and Head  
Department of  
Silviculture  
Tamilnadu Agricultural  
University  
Forest College and  
Research Institute,  
Mettupalayam,  
641301, Coimbatore -  
641301, Tamilnadu

**Dr. Vellaikumar S**

Assistant Professor  
Department  
Biotechnology  
Tamilnadu Agricultural  
University  
Agricultural College &  
Research Institute,  
Tamil Nadu  
Agricultural University  
Madurai, Madurai -  
625104, Tamilnadu

**2.3 Objectives:****Overall Objectives:**

1. To improve the species through systematic tree improvement via clonal orchard on the superior genotypes for wood volume-related traits
2. Chemo profiling of fruits at different stages of ripening using HPTLC, HPLC and GCMS
3. Isolation of major saponins and alkaloids including cadambin
4. Toxicity studies of extracts using the model organism *C. elegans*
5. To identify the key genes responsible for saponin and cadmamin alkaloids by transcriptome sequencing

**Institute wise Objectives:****Avinashilnam Institute for Home Science & Higher Education for Women**

1. To Chemo profile fruits at different stages of ripening using HPTLC, HPLC and GCMS
2. Isolation of major saponins and alkaloids including cadambin
3. Toxicity studies of extracts using the model organism *C. elegans*

**Tamil Nadu Agricultural University**

1. To improve the species through systematic tree improvement via clonal orchard on the superior genotypes for wood volume-related traits
2. To identify the genes responsible for saponin and cadambin by transcriptome sequencing

**2.4 Time Schedule:**

The duration of the project is 3 Year 0 Month from the date of this sanction order.

**2.5 Project Cost:**

The total cost of the project is Rs.**3949000**/-(Rupees Thirty Nine Lakhs Fourty Nine Thousand Only) as per details given below :

<b>Institute</b>	<b>Year I</b>	<b>Year II</b>	<b>Year III</b>	<b>Total Cost(Rs.)</b>
1. Avinashilnam Institute for Home Science & Higher Education for Women	501000	491000	491000	<b>1483000</b>
2. Tamil Nadu Agricultural University	872000	822000	772000	<b>2466000</b>
<b>Total (Rs.)</b>	<b>1373000</b>	<b>1313000</b>	<b>1263000</b>	<b>3949000</b>

**Institute wise details are:**

<b>Budget Head</b>	<b>Year I</b>	<b>Year II</b>	<b>Year III</b>	<b>Total(Rs.)</b>
<b>1. Tamil Nadu Agricultural University</b>				
Manpower	372000.00	372000.00	372000.00	<b>1116000.00</b>
Overhead	50000.00	50000.00	50000.00	<b>150000.00</b>
Travel	50000.00	50000.00	50000.00	<b>150000.00</b>
Consumables	250000.00	200000.00	200000.00	<b>650000.00</b>
Contingency	150000.00	150000.00	100000.00	<b>400000.00</b>
<b>Total (Rs.)</b>	<b>872000.00</b>	<b>822000.00</b>	<b>772000.00</b>	<b>2466000.00</b>
<b>2. Avinashilnam Institute for Home Science &amp; Higher Education for Women</b>				
Manpower	216000.00	216000.00	216000.00	<b>648000.00</b>
Overhead	25000.00	25000.00	25000.00	<b>75000.00</b>
Travel	25000.00	25000.00	25000.00	<b>75000.00</b>
Consumables	200000.00	200000.00	200000.00	<b>600000.00</b>
Contingency	35000.00	25000.00	25000.00	<b>85000.00</b>
<b>Total (Rs.)</b>	<b>501000.00</b>	<b>491000.00</b>	<b>491000.00</b>	<b>1483000.00</b>

### **2.6 Equipment:**

The details of the equipment sanctioned for the implementation of the project at **Annexure-I**

### **2.7 Manpower:**

The details of the manpower sanctioned for the implementation of the project at **Annexure-II**

### **3. Head of Account:**

The **Recurring** expenditure involved is debitable to:

<b>Demand No. 90</b>	<b>Department of Biotechnology</b>
<b>3425</b>	Other Scientific Research 2022-2023
<b>3425.60</b>	Others (Sub Major Head)
<b>3425.60.200</b>	Assistance to other Scientific Bodies
<b>3425.60.200.29</b>	Biotechnology Research and Development
<b>3425.60.200.29.17</b>	Assistance to Research and Development
<b>3425.60.200.29.17.31</b>	Grants -in-Aid General

#### 4. Terms & Conditions:

- 4.1** The other terms and conditions governing this sanction are attached at Annexure- III.
- 4.2A** Memorandum of Agreement (MoA) will be signed between the Department of Biotechnology and the grantee institution on Non-Judicial stamp paper Rs. 100/- in the enclosed format and the second release/installment will be made only after signing of MoA between the grantee institutions and DBT. In case of NGO's and Private Institution's, execution of MOA is mandatory before first release. A format of the MoA is enclosed in Annexure-IV
- 4.3** The Institute/Agency will keep the whole of the grant in a Bank Account earning interest, and the interest so earned should be reported to DBT in the Utilisation Certificate and Statement of Expenditure. The interest earned should be remitted to the Consolidated fund of India through Bharat Kosh portal([www.bharatkosh.gov.in](http://www.bharatkosh.gov.in)) as per GFR-2017-230(8) after finalization of the account for a given Financial Year.
- 5.** No International Travel will be undertaken from the sanctioned project grant unless specified otherwise.
- 6.** The Comptroller, Tamil Nadu Agricultural University, Coimbatore, Tamilnadu and The Registrar, Avinashilinam Institute for Home Science & Higher Education for Women, Coimbatore, Tamilnadu would be responsible for submission of Statements of Expenditure (SoE), utilization certificates (UC), Assets Certificates, Manpower staffing & expenditure details in prescribed DBT formats to DBT in respect of grants released in this project from time to time.
- 7.** PI's of DBT sponsored projects can consider appointment of JRF from Category-II merit list of DBT-BET exam so that candidates can be paid fellowships at par with NET/GATE/BET qualified candidates as per DST OM No. A.SR/S9/Z-05/2019 dated on 30 Jan 2019. However, there is no compulsion on PI's to select candidates for JRF in their projects from Category-II of DBT-BET.
- 8.** As per Rule 236 (1) of GFR 2017, the accounts of all Grantee Institutions or Organisations shall be open to inspection by the sanctioning authority and audit, both by the Comptroller and Auditor General of India under the provision of CAG(DPC) Act 1971 and internal audit by the Principal Accounts Office of the Ministry or Department, whenever the Institution or Organisation is called upon to do so.
- 9.** If the Research Project involves biological resources, the obligations under the Biological Diversity Act 2002 as applicable shall be complied with by the Project Investigator, the details of such obligations can be accessed at [www.nbaindia.org](http://www.nbaindia.org)
- 10.** (I) "The PIs/Implementing Agencies shall strictly adhere to the GoI instructions issued vide OM No.F.4.1.2021-PPD dated 30.6.2021 in the matter of issue of Global tender Enquiry with special reference to instructions contained under para 4 of the said OM for procurement of equipments, spares and consumables for research purposes and shall not issue Global Tenders Enquiries before seeking the approval of the competent authority".
- (II) "After incurring the expenditure on import of such items and at the time of submission of UCs to the department next year, the PIs will also furnish the copy of the approval sought from the competent authority for issue of the GTE for such items of import. The release of next installment of grant will be subject to the fulfillment of the above condition."
- 11.** If any biological data as specified in the guidelines are being generated in the project then PI should submit the data generated in the project to Indian Biological Data Centre – The National Repository being implemented at Regional Centre for Biotechnology, Faridabad in compliance with the Biotech-PRIDE Guidelines 2021.
- 12.** This issues under the power delegated to this Department and with the concurrence of IFD vide their SAN No. **102/IFD/SAN/135/2022-2023** dated **May, 06 2022**.
- 13.** This sanction order has been noted at serial no. \_\_\_\_\_ in the Register of Grants.

**(Dr. Balendra Singh)**  
**Scientist 'C'**

**To,**

The Pay & Accounts Officer,  
Department of Biotechnology,  
New Delhi – 110 003.

**Copy to:**

- 1 The Principal Director of Audit (Scientific Departments), DACR Building, New Delhi- 110 002.
- 2 Dr. N. Senthil(Project Co-ordinator), Department of Plant Molecular Biology and Bioinformatics,  
Centre for Plant Molecular Biology and Bi
- 3 The Comptroller, Tamil Nadu Agricultural University, , Coimbatore - 641003, Tamilnadu
- 4 The Registrar, Avinashilnam Institute for Home Science & Higher Education for Women,  
Bharathi Park Road  
North Coimbatore, Coimbatore - 641043, Tamilnadu
- 5 Dr. Balasubramanian A, Professor and Head, Department of Silviculture, Tamilnadu  
Agricultural University, Forest College and Research Institute,  
Mettupalayam, 641301, Coimbatore - 641301, Tamilnadu
- 6 Dr. Kalaiselvi Senthil, Assistant Professor, Department of Biochemistry Biotechnology and  
Bioin, Avinashilnam Institute for Home Science & Higher Education for Women,  
Mettupalayam Road, North Coimbatore, Coimbatore - 641043, Tamilnadu
- 7 Dr. Parthiban K, Professor and Dean, Department of Agro forestry, Tamilnadu Agricultural  
University, Forest College and Reseach Institute,  
Mettupalayam, 641301, Coimbatore - 641301, Tamilnadu
- 8 Dr. Senthil Natesan, Professor, Department of Plant Molecular Biology and Bioinfor, Tamil  
Nadu Agricultural University, Department of Plant Molecular Biology and Bioinformatics,  
CPMB&B, Tamil Nadu Agricultural University, Coimbatore-641003, India, Coimbatore -  
641003, Tamilnadu
- 9 Dr. Vellaikumar S, Assistant Professor, Department Biotechnology, Tamilnadu Agricultural  
University, Agricultural College & Research Institute,  
Tamil Nadu Agricultural University  
Madurai, Madurai - 625104, Tamilnadu
- 10 Cash Section, DBT (2 copies).
- 11 Sanction Folder.
- 12 File Copy.

**(Dr. Balendra Singh)**  
**Scientist 'C'**



**Annexure -II**

Details of the manpower sanctioned for the implementation of the project entitled  
**"Development of genetics stocks, genomic resources for Neolamarckia cadamba  
(Kadam) for timber value and medicinal properties":**

<b>Head</b>	<b>No. of Position</b>	<b>Year I</b>	<b>Year II</b>	<b>Year III</b>	<b>Total (Rs.)</b>
<b>1.Avinashilinam Institute for Home Science &amp; Higher Education for Women</b>					
Technical Assistant @18000/PM for 3 Years	1	216000	216000	216000	<b>648000</b>
<b>Total(Rs.)</b>		<b>216000</b>	<b>216000</b>	<b>216000</b>	<b>648000</b>
<b>2.Tamil Nadu Agricultural University</b>					
Junior Research Fellow @31000 per Month for 3 Years	1	372000	372000	372000	<b>1116000</b>
<b>Total(Rs.)</b>		<b>372000</b>	<b>372000</b>	<b>372000</b>	<b>1116000</b>

Emoluments detail of research personal(s) mentioned in table(s) of Annexure-II shall be applicable only if candidate(s) met educational qualification and eligibility criteria as per DST

OM No. SR/S9/Z-05/2019 dated 10.07.2020.

**(Dr. Balendra Singh)  
Scientist 'C'**

**SANCTION ORDER**

**Subject:** Sanction order and released the payment to Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, Tamil Nadu, India 641043 for the execution of the project entitled "Dissemination of Grassroots Innovations for the upliftment of Farm Women and Self Help Groups (SHGs) of Coimbatore District".

Respected Madam,

A sanction not exceeding Rs. 11,69,608/- (Rupees eleven lakh sixty-nine thousand six hundred eight only) is hereby accorded to Avinashilingam Institute for Home Science and Higher Education for Women (AIHS&HE), Coimbatore, Tamil Nadu, India 641043 for the initiation and execution of the project entitled "Dissemination of Grassroots Innovations for the upliftment of Farm Women and Self Help Groups (SHGs) of Coimbatore District". The objectives, activities, expenditure and processing of the project will be according to the project proposal submitted to NIF.

The items of expenditure for which total allocation of Rs. 11,69,608/- (Rupees eleven lakh sixty-nine thousand six hundred eight only) has been approved by the competent authority.

Sr	Particulars	Amount (Rs.)
1	A1. Manpower: Project Assistant (@ Rs.18,000/- month + 8% HRA pm for 12 months)	2,33,280
2	A2. Procurement and management cost: 1. Portable Coconut Breaking Machine (Rs. 8,000 x 25) for 25 farmers 2. Multi Tree Climber (Rs. 9,000 x 25) for 25 farmers 3. Guava Saplings (Rs.100 per Sapling) 500 saplings for 25 farmers 4. Transport Cost for 3 items (all the three technologies)	2,00,000 2,25,000 50,000 75,000
3	A3. Awareness and Training Programme 1. Awareness Programmes (10 x Rs. 5,000/-) 2. Training cum Method Demonstration of selected Innovations - 3 no. (3 x 10,000)	50,000 30,000
4	A4. Contingencies Stationery, Awareness Pamphlets, Training Guide, Report etc.	25,000
5	A5. Travel Expenses Travel Allowances for the Scientists and Scientific Administrative Assistant	50,000
6	Follow-up Study (Scientist Visit, Field Visit etc..) for 1 year (from September 2023- August 24)	1,00,000
7	Documentation (Report, Media Coverages, Videos and Statistical Analysis)	25,000
<b>Sub-Total of A</b>		<b>10,63,280/-</b>
	B. Institutional charges (10 % total cost of the project) overhead expenses meant for the post Institute towards the cost providing infrastructure facilities and benefits to the scientist engaged in the project.	106328
<b>Total Budget (A + B)</b>		<b>11,69,608/-</b>

The amount of Rs. 5,84,804/- (Rupees five lakh eighty four thousand eight hundred four only) has also been released and transferred through NEFT (Trans ID C102248750707, dated 01.11.2022) to the account of Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, Tamil Nadu, India 641013 as the first installment.

The AIHS&HE, Coimbatore in coordination with NIF, will procure the innovations and planting material directly from the respective innovators, and maintain and share the details of beneficiaries/ farmers in the annexure of the report. In any program under the project, the Institute will inform NIF in advance (at least 15 days) for participation.

The AIHS&HE, Coimbatore will maintain separate audited accounts for the project. If it is found expedient to keep a part or whole of the grant in a bank account earning interest, then the interest earned should be reported to the NIF. The interest thus earned will be treated as a credit to the AIHS&HE, Coimbatore, to be adjusted towards further installments of the grant.

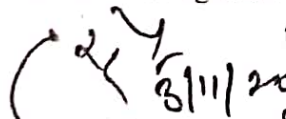
The grant sanctioned and released is for the specific project and portion of the grant, which the grantee fails to utilize for the purpose for which the grant is sanctioned will be recovered along with interest.

The AIHS&HE, Coimbatore will furnish to the NIF, the annual progress report, Utilization Certificate and audited statement of accounts pertaining to the project for releasing the second and final installment.

It is mandatory to submit the project reports and utilization certificate of the project to NIF.

Please acknowledge the receipt of the sanction order along with the release of payment of Rs. 5,84,804/- (Rupees five lakh eighty-four thousand eight hundred four only) through NEFT via transaction no. C102248750707; dated 01.11.2022.

With kind regards,

  
Hardev Choudhary  
Scientist-D

राष्ट्रीय नवप्रवर्तन प्रतिष्ठान - भारत  
National Innovation Foundation - India  
विज्ञान और प्रौद्योगिकी विभाग, भारत सरकार का स्वायत्तकारी संस्थान  
Autonomous Body of Department of Science and Technology Govt of India  
ग्रामभारती, गांधीनगर-महुडी रोड, अमरापुर, गांधीनगर 382650, भारत.  
Grambharti, Gandhinagar-Mahudi Road, Amrapur, Gandhinagar-382650, India

E-mail: hardev@nifindia.org

To,  
Dr. S. Kowsalya (PI)  
Registrar and Professor  
Food Science and Nutrition  
Avinashilingam Institute for Home Science and  
Higher Education for Women, Coimbatore.

Encl.: List of Innovations selected under the project

Copy to:

1. Dr. S. Thilakavathy (Co-PI), Assistant Professor (SG) Food Science and Nutrition, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore.
2. Dr. K. Sujatha (Co-PI), Assistant Professor, Food Science and Nutrition, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore.

List of Innovations selected under the project

Sr. No.	Innovation	Innovator	Address and Contact details
1	Coconut Breaking and water collecting device (Portable coconut breaking machine)	Biju Narayanan	Vill-86, Thachananicked (II), Po-Vazhithala, Via-Ihodupuzha, 685583, Dist: Idukki, Kerala Ph. No.: 0486-2274899, Mob.: 09495337268. Email: bijukn1970@gmail.com
2	Palmyrah & Coconut Tree Climber (Multi tree climber)	D Renganathan / D N Venkat	R-Tech Agri Equipments, 2/95 Bombay Nagar Narasimhanaicken palayam Post., Dist.: Coimbatore - 641031, Tamil Nadu, Mob.: 09944284440/ 9449953575. Email: rtechagri@gmail.com,
3	G-Vilas, Guava variety	Ram Vilas Mourya	Village Bulakihar, Post, Malihabad, Dist.: Lucknow, Uttarpradesh 226102, Mob.: 7523066692/9956260904

*C. S. Y.*  
*31/11/2002*

राष्ट्रीय नवप्रवर्तन फण्डेशन-भारत  
National Innovation Foundation - India  
द्वितीयक और तृतीयक विभाग, भारत सरकार का स्वायत्तशासन  
Autonomous Body of Department of Science and Technology, Govt. of India  
ग्रामभारती, गांधीनगर-महुडी रोड, अमरापुर, गांधीनगर-382601, भारत  
Grambharti, Gandhinagar-Mahudi Road, Amrapur, Gandhinagar-382601, India



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

SPEED POST

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. 02/17/OBC/2021-22/ICSSR/RP/MJ

Dated: 26<sup>th</sup> April 2022

To,

The Registrar  
Avinashilingam Institute for Home Science and  
Higher Education for Women, Bharathi Park Road  
Coimbatore, Tamil Nadu-641 043

Subject: Sanction of Major Project entitled "Impact of Traditional Self Defence Training on Assault Prevention- A Women Empowerment Initiative", Dr. Saravana Prabha, Associate Professor, Avinashilingam Institute for Home Science and Higher Education Coimbatore.

Dear Sir,

1. The Indian Council of Social Science Research (ICSSR) considered the above Research Major project submitted by Dr. Saravana Prabha. Co-Project Directors of the study are: ---  
---1. Dr. Karthic Deepa, Associate Professor, Department of Education, Avinashilingam Institute, Coimbatore, Tamil Nadu. 2. Mrs. S Archan Mani Malathi, Assistant Professor, Department of Physical Education, Avinashilingam Institute, Coimbatore, Tamil Nadu, 3. P Vanithamani, Associate Professor in Physical Education, Avinashilingam Institute, Coimbatore, Tamil Nadu.

2. The ICSSR has sanctioned a grant-in-aid of Rs.6,70,000 (Rupees Six Lakh Seventy Thousand Only) for the above research project and the grant will be released as follows:

First instalment @40%	:	Rs./- 2,60,000/-
Second instalment @ 20%	:	Rs./- 1,34,000/-
Third instalment @ 10%	:	Rs./- 67,000/-
Fourth Instalment @10%	:	Rs./- 67,000/-
Final instalment @15%	:	Rs./- 1,00,500/-
Publication Grant* @ 5-6%	:	Rs./- 33,500/-
<b>Total</b>	:	<b>Rs./-6,70,000</b>

Overhead charges over and above  
5% or maximum Rs.1,00,000 : Rs./-33,500/-

(\* 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.6,70,000 /- is enclosed.)

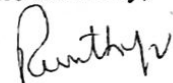
3. **The First installment** of the approved grant-in-aid will be released after receiving the grant-in-aid bill duly filled in, stamped and signed by the Project Director as well as the affiliating organization. (GIB already received).

6. 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,
7. The Second instalment will be released after receiving a satisfactory six/nine/ twelve 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. Saravana Prabha who will be responsible for its completion within 24 Months from the date of commencement of the project, which is 16<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.icssr.org](http://www.icssr.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

Incl: as above.

Copy to:

- ✓ 1. **Dr. Saravana Prabha**, Associate Professor,  
Avinashilingam Institute for Home Science and Higher Education  
Coimbatore, Tamil Nadu-641 043
2. **Dr. Karthic Deepa**, Associate Professor,  
Department of Education, Avinashilingam Institute,  
Coimbatore, Tamil Nadu-641 043
3. **Mrs. S Archan Mani Malathi**, Assistant Professor,  
Department of Physical Education, Avinashilingam Institute,  
Coimbatore, Tamil Nadu-641 043
4. **Dr. P Vanithamani**, Associate Professor in Physical Education,  
Avinashilingam Institute,  
Coimbatore, Tamil Nadu-641 043
5. **Finance Branch, ICSSR, New Delhi**
6. **Record file**



(Revathy Vishwanath)  
For MEMBER-SECRETARY

Title: Impact of Traditional Self Defence Training on Assault Prevention- A Women Empowerment Initiative.

By: Dr. Saravana Prabha

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% 10
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 duration/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 beyond7%, 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, Reports, etc.) and should submit a copy of the same to the ICSSR during its course and even after completion.





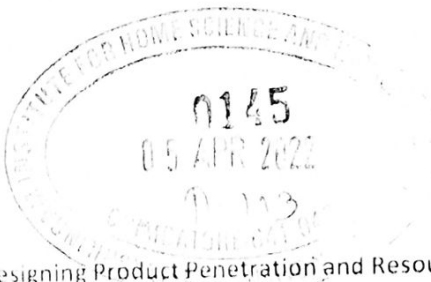
Revathy Vishwanath  
Deputy Director  
RP Division Incharge  
Tel #011-26716690  
E-mail: rpsicssr@gmail.com

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. 02/55/GN/2021-22/ICSSR/RP/MJ

The Registrar  
Avinashillingam Institute for Home Science  
and Higher Education for Women,  
(Deemed to be University)  
Coimbatore- 641 043 (Tamil Nadu)



Dated: 25-03-2022  
To A/Dr. Chitramani & Dr. Ramya / FO  
for info. & follow up  
- Hearty congratulations to the project directors.  
-  
Ramesh  
06/11

Subject: Sanction of Major Project entitled "Designing Product Penetration and Resource Constraints Indices of Urban Poor Households for Strategizing Poverty Eradication, Economic Empowerment and Urban Governance." to Dr.P. Chitramani, Professor & Dean, Avinashillingam Institute for Home Science and Higher Education for Women, Coimbatore, Tamil Nadu

Dear Sir,

1. The Indian Council of Social Science Research (ICSSR) considered the above Research Programme project submitted by Dr. P. Chitramani Co-Project Directors of the study are: Dr K. Ramya
2. The study, as proposed by the researcher, is to be located at and financially administered by your institution as per the guidelines of this award.
3. The ICSSR has sanctioned a grant in aid of Rs.6,50,000 (Rupees Ten lakh only) for the above research project and the grant will be released as follows:

First instalment @40%	Rs. 2,60,000/-
Second instalment @ 20%	Rs. 1,13,000/-
Third instalment @ 10%	Rs. 65,000/-
Fourth Instalment @10%	Rs. 65,000/-
Final instalment @15%	Rs. 97,500/-
Publication Grant* @ 5.6%	Rs. 32,500/-
<b>Total</b>	<b>Rs. 6,50,000/-</b>
Overhead charges over and above 5% or maximum Rs. 1,00,000	Rs. 32,500/-**

FO/  
Dr. Chitramani &  
Dr. Ramya  
Follow up  
congr.

(\* 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. 6,50,000/- is enclosed.)

4. 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.
  - b) If the schedule /questionnaire for eliciting information are to be designed afresh keeping in view the requirements of the project, these will have to be sent to the ICSSR within a period of six months in any case.

6. The Second instalment will be released after receiving a satisfactory six/nine/ twelve 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

10/18/201

to, cda, to, Chitramani, Ramya

Ramesh

7. The Third instalment 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.

8. 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.

9. 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.

10. 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.

11. 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.

12. 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.

13. 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.

14. 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.

15. 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.

16. 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

17. The director of the research project will be Dr. P. Chitramani who will be responsible for its completion within 24 Months from the date of commencement of the project, which is 24<sup>th</sup> March, 2022 as intimated by the scholar.

18. 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.

19. All grants from ICSSR are subject to the general provision of GFR 2017.

20. 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.icssr.org](http://www.icssr.org)

21. The expenditure on this account is debatable to the Budget Head-ICSSR (Scheme Code 0877); OH 31.09 Research Projects

22. 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.

23. 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.

24. 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 P. Chitramani  
Professor, Dept. of Business Administration,  
Avinashilingam Institute for Home Science  
and Higher Education for Women,  
(Deemed to be University)  
Coimbatore- 641 043 (Tamil Nadu)
2. Dr K. Ramya  
Assistant Professor, Deptt of Business Administration,  
Avinashilingam Institute for Home Science  
and Higher Education for Women,  
(Deemed to be University)  
Coimbatore- 641 043 (Tamil Nadu)
3. Finance Branch, ICSSR, New Delhi



Karthika Zoo &lt;karthika\_zoo@avinuty.ac.in&gt;

## Acknowledgement of Online Project Submission & Temporary Registration No.

1 message

pmsd.dst@nic.in <pmsd.dst@nic.in>  
To: karthika\_zoo@avinuty.ac.in

Mon, Nov 29, 2021 at 2:48 PM

Department of Science &amp; Technology

**Subject:** Acknowledgement of Online Project Submission & Temporary Registration No.

Dear Dr. KARTHIKA



### Online Project Management System

onlinedst.gov.in | Email: pmsd.dst@nic.in

This is to acknowledge the online submission of your project proposal entitled **FORMULATION OF VEGAN SKINCARE PRODUCTS USING METHYL LINOLENATE RATIONALE ON SUSTAINABLE DEVELOPMENT FROM AGRICULTURAL WASTE** testing the proposal submission. You can track the status of your proposal quoting the reference as given below:

Temporary Registration Number : **TPN / 75552**

You will be receiving a File Number shortly.

Please mention TEMPORARY REGISTRATION NUMBER and TITLE OF THE PROJECT in all future correspondence with DST, till you receive the File Number. You can access this project account at <http://onlinedst.gov.in/> using the Principal Investigator (PI) username and password.

Regards  
Administrator  
e-PMS

This is an auto generated mail. Please do not reply

\*\*\*This is an autogenerated mail from e-PMS\*\*\*

Proposed Budget: Rs 26,59,999 / -

Duration : 36 months

Mentor : Dr. P. Lalitha

Investigator : Dr. P. Karthika

Scheme : DST - Scheme for Young Scientists and Technologists

**DST/CURIE-AI (Avinashilingam)/04/2020-PHASE-II (G)**  
 Government of India  
 Ministry of Science & Technology  
 Department of Science & Technology  
 (KIRAN Division)

Technology Bhavan,  
 New Delhi-110016  
 Dated: 23.03.2021

**ORDER**

Sub:-Financial assistance for the project titled “Core Research grant for Artificial Intelligence (AI) to Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore under CURIE programme” under the guidance of Dr. Premavathy Vijayan, Vice Chancellor, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore

Sanction of the President is hereby accorded to the approval of the above mentioned project at a total cost of **Rs.2,42,10,200/- (Rupees Two Crore Forty Two Lac Ten Thousand Two Hundred Only)** to Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore for a duration of two years. The detailed breakup of the grant for General & Capital Components is given below:-

General Component: **Rs.1,42,10,200/-**  
 Capital Assets : **Rs.1,00,00,000/-**  
**TOTAL :Rs.2,42,10,200/-**

S. No.	Proposed Budget Head	1 <sup>st</sup> year	2 <sup>nd</sup> year	Total Amount
<b>A. Capital Assets</b>				
1.	Nvidia DGX Station A100	73,20,000/-	-	73,20,000/-
2.	Network Switch	81,900/-	-	81,900/-
3.	Supermicro Super Server-02 Nos.	20,16,000/-	-	20,16,000/-
4.	42U Rack	36,800/-	-	36,800/-
5.	Nvidia Workstation-5 Nos.	9,05,000/-	-	9,05,000/-
6.	Nvidia Jetson Nano Developer kit-10 Nos.	1,83,750/-	-	1,83,750/-
7.	Laptop with GPU Card	62,800/-	-	62,800/-
8.	Printer	31,000/-	-	31,000/-
	Sub-Total (A)	1,06,37,250/- Restricted to 1,00,00,000/-	-	1,06,37,250/- Restricted to 1,00,00,000/-
<b>B. Recurring</b>				
9.	Software	28,00,000/-	-	28,00,000/-
10.	Human Resources RA-I (2Nos.) @47,000/- +16% HRA	13,08,426/-	13,08,426/-	26,16,852/-
11.	Travel for AI Experts and Faculty of Institute	1,00,000/-	1,00,000/-	2,00,000/-
12.	Contingencies (including patents, Publication and maintenance charges)	5,00,000/-	5,00,000/-	10,00,000/-
13.	Summer and Winter Schools/ Workshops/ Technical & Non-Technical Trainings / Conferences	25,00,000/-	25,00,000/-	50,00,000/-

*P. Kumar*  
 23/03/2021

14.	CURIE- AI Students Club activities: Leveraging AI Research among students/ Research Scholars through Research projects, project meets.	4,00,000/-	4,00,000/-	8,00,000/-
15.	Overhead Charges @8%	13,45,011/-	4,48,337/-	17,93,348/-
	Sub-Total (B)	89,53,437/-	52,56,763/-	1,42,10,200/-
	TOTAL	1,89,53,437/-	52,56,763/-	2,42,10,200/-

2. The sanction of the President is also accorded to the release of **Rs. 89,53,437/- (Rupees Eighty Nine Lac Fifty Three Thousand Four Hundred Thirty Seven Only)** to the **Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore** being the first installment of grant for implementation of the above mentioned project.

3. This sanction is subject to the condition that the grantee organization will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned/ accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

4. The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/ final installment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

5. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE&UC has to be furnished for the released Capital head grant.

6. The grant-in-aid being released is subject to the condition that

(a) a transparent procurement procedure through GEM in line with the Provision of General Financial Rules 2017 will be followed by the Institute/Organization under the appropriate rules of the grantee organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant.

(b) While submitting Utilization Certificate & Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.

(c) Achieve targeted deliverables given in proposal in two year i. e.

(i) Artificial Intelligence (AI) Startups and AI Entrepreneurs will be expected from students, research scholars and faculty (ii) Graduates can get employment opportunities in government and private industry in machine learning research scientists, consultants, data scientists, and software engineers (iii) Through AI programs, students will have comprehensive understanding of leading-edge AI techniques and will be able to apply this knowledge to solve real-world problems (iv) Students and Researchers will gain essential skills in programming and algorithmic thinking, mathematical foundations and statistical analysis for AI, optimization, data analysis and data visualization (v) AI provides knowledge in Computer Science, Engineering, Mathematics, Statistics, and Bioinformatics with a diverse and comprehensive knowledge base.

7. "The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing account. For Grants released during F.Y. 2019-20 and onwards, all interests and other earnings against released Grant shall be remitted to

*R. Kumar*  
22/03/2021

Consolidated Fund of India (through Non-Tax Receipt Portal (NTRP), i.e. www.bharatkosh.gov.in ), immediately after finalization of accounts, as it shall not be adjusted towards future release of Grant. A certificate to this effect shall have to be submitted along with Statement of Expenditure / Utilization Certificate for considering subsequent release of Grant/ Closure of Project accounts.”

“(Name of the Institution) agrees to make reservations for Scheduled Castes and Scheduled Tribes or OBC in the posts or services under its control on the lines indicated by the Government of India”. (ii) While sanctioning Grants-in-aid to Institutions or Organizations referred to in (a) above, the Grant sanctioning authority should keep in view the progress made by such Institutions or Organization in employing Scheduled Castes and Scheduled Tribes or OBC candidates in their services and also as per the GFR 2017 Rule 230(17).”

8. The aforesaid concurrence is subject to the stipulation that continuation beyond 31.03.2021 will be subject to appraisal and approval for continuation of the Schemes under which these project are funded, as mentioned by DoE's in their OM No.42(02)/PF-II/2014, dated 06.08.2020.

9. As per Rule 149 of GFR, 2017, the Goods (Consumables/equipment) available in GeM portal are to be procured mandatorily online through GeM only.

10. "GI is advised to start using EAT module and next release will be made only after mapping and following EAT modules by the grantee institution."

11. (a). DST reserves sole rights on the assets out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.

(b). DST reserves rights to close the project activity any time based on the review of progress of the project.

(c). A prior intimation to DST by grantee is must before leaving the country for attending conference/availling any short term fellowship abroad during the project tenure.

12. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C & AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.

13. Due acknowledgment of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.

14. Failure to comply with the terms and condition of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.

15. The expenditure of **Rs.89,53,437/-** involved is debitible to Demand No.87, Department of Science & Technology for the year 2020-21:


3425:	Other Scientific Research (Major Head)
60 –	Other (Sub-Major Head)
60.200 –	Assistance to other Scientific Bodies (Minor Head)
68 –	Science & Technology Institutional and Human Capacity Building
04-	<b>Other Programmes</b>
68.04.31–	Grant-in-aid General for the year 2020-2021 (Voted)
	<b>(Previous: 56.03.31–Alliance and R&amp;D Mission)</b>

15. The amount of Rs. 89,53,437/- (Rupees Eighty Nine Lac Fifty Three Thousand Four Hundred Thirty Seven Only) will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to the **Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore**. The bank details for electronic transfer of funds through RTGS are given below:-

Name of Account Holder	<b>Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore</b>
Bank Name	<b>Indian Bank</b>
Bank Account Number	<b>6841554652</b>
Bank Name & Branch	<b>ADUC Branch</b>
IFSC Code	<b>IDIB000A005</b>

16. As per Rule 234 of GFR 2017, this sanction has been entered at **S. No.649** in the register of grants maintained in the Division for the scheme (**INSPIRE**).


17. This issues with the concurrence of IFD Vide their Concurrence Dy. No. **C/5975/IFD/2020-21**  
Dated: 19.03.2021

  
23/03/2021  
(Pawan Kumar)  
Scientist-'C'  
011-26590290

To  
The Pay and Accounts Officer,  
Department of Science & Technology,  
New Delhi.

Copy for information and necessary action to:-

1. Cash Section (3 copies) for making the payment to the grantee.
1. Account Section.
2. Director of Audit, (Scientific Deptt), AGCR Building, New Delhi – 110 002.
3. Sanction Folder
4. Head, KIRAN Division
5. Prof. Premavathi Vijayan, Vice Chancellor, Avinashilingam University for Women, Coimbatore – 641043, TN.
6. The Registrar, Avinashilingam University for Women, Coimbatore – 641043, TN.
7. Professor Subashini, Department of Computer Science, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore

  
23/03/2021  
(Pawan Kumar)  
Scientist-'C'  
011-26590290



FILE NO. EEQ/2018/001013  
**SCIENCE & ENGINEERING RESEARCH BOARD(SERB)**  
(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor  
Vasant Square Mall  
Plot No. A, Community Centre  
Sector-B, Pocket-5, Vasant Kunj  
New Delhi-110071

Dated: 07-Mar-2019

**ORDER**

Subject: Financial Sanction of the research project titled ""EDIBLE BIO-BASED FOOD PACKAGING WITH 'SMART' APPROACH TOWARDS 'ECONUTRITION'-A COMMITMENT TO BEAT SINGLE-USE PLASTICS"" under the guidance of Dr. PA RAAJESWARI, Food Science and Nutrition, Avinashilingam Institute for Home Science & Higher Education for Women, Varappalayam, Coimbatore, Tamil nadu-541043 - Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of Rs. 3994325/- (Rs. Thirty Nine Lakh Ninety Four Thousand Three Hundred and Twenty Five Only) with break-up of Rs. 699825/- under Capital (Non-recurring) head and **Rs.3294500/-** under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 3994325/- has been approved are given below.

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Cover manufacturing machine, Klent Electronic blender, Corrugated box and cup making machine.	699825
A'	Total (Non-Recurring)	699825
B	Recurring Items	
1	Recurring - I : (Manpower)	1164000
	Recurring - II : ( Consumables, Travel, Contingencies)	1800000
	Recurring - III : Scientific Social Responsibility	35000
2	Recurring - IV : (Overhead Charges)	295500
B'	Total (Recurring)	3294500
C	Total cost of the project (A' + B')	3994325

2. Sanction of the SERB is also accorded to the payment of Rs. 699825/- (Rupees Six Lakh Ninety Nine Thousand Eight Hundred and Twenty Five only) under 'Grants for creation of capital assets' and Rs. 1121000/- (Rupees Eleven Lakh Twenty One Thousand only) under 'Grants-in-aid General' to Registrar, Avinashilingam Institute For Home Science & Higher Education For Women, Varappalayam being the first installment of the grant for the year 2018-2019 for implementation of the said research project.

3. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER). This release is being made under Empowerment and Equity Opportunities for Excellence in Science. (Task force Committee) (SC)

4. The Sanction has been issued to Avinashilingam Institute For Home Science & Higher Education For Women, Varappalayam with the approval of the competent authority under delegated powers on 06 March, 2019 and vide Diary No. SERB/F/11944/2018-2019 dated 07 March, 2019

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website ([www.serb.gov.in](http://www.serb.gov.in))

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. Budget sanctioned under SSR is meant only for activities enlisted under SSR norms and under no circumstances it can be reappropriated.

9. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit wherever the institute is called upon to do so.

10. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

11. The release amount of Rs. 1820825/- (Rupees Eighteen Lakh Twenty Thousand Eight Hundred and Twenty Five only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per the following details:

*S. Renuka*  
Avinashilingam Institute for Home Science  
and Higher Education for Women  
(University Estd. in 1962)  
Coimbatore - 541 043

Grant Number	6718870397
Bank Name & Branch	Indian Bank Avinashilingam Deemed University Campus, Indian Bank, 1117, Mettupalayam Road, Avinashilingam Deemed University Campus, Coimbatore-43
IFSC/RTGS Code	IDIB000A005
Email id of A/C Holder	registrar@avinuty.ac.in
Email id of PI	raajraajeswari@gmail.com

12. The institute will furnish to the SERB, New Delhi, separate Utilization certificate (UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

13. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

14. The project File no. EEQ/2018/001013 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.


15. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any, beyond the duration of the project.

16. As this is the first grant being released for the project, no previous U/C is required.

17. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

18. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

19. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

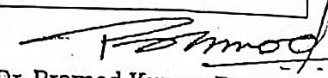
  
 (Dr. Pramod Kumar Prasad)  
 Scientist C  
 pk.prasad@serb.gov.in

To,  
 Under Secretary  
 SERB, New Delhi

Copy forwarded for information and necessary action to:-

1.	The Principal Director of Audit, A.G.C.R. Building, 111rd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	Dr. PA RAAJESWARI Food Science and Nutrition Avinashilingam Institute for Home Science & Higher Education for Women, Varappalayam, Coimbatore, Tamil nadu-641043 Email: raajraajeswari@gmail.com Mobile: 918667029420 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit <a href="http://www.serb.gov.in">www.serb.gov.in</a> .)
5.	Registrar, Avinashilingam Institute For Home Science & Higher Education For Women, Varappalayam (Receipt of Grant may be intimated by name to the undersigned)

  
 Registrar  
 Avinashilingam Institute for Home Science  
 and Higher Education for Women  
 (University Estd. u/s. 3 of UGC Act. 1956  
 Coimbatore - 641 043

  
 (Dr. Pramod Kumar Prasad)  
 Scientist C  
 pk.prasad@serb.gov.in

No. SLEDT/DDE/2018/1/G  
Government of India  
Department of Science and Technology  
Science for Equity Empowerment and Development Division

Technology Bhavan  
New Mehrauli Road  
New Delhi - 110 016.

03/01/2019

O R D E R

Sub: Financial assistance for the project "Multimodal Approaches in Teaching Science to Children with Hearing Impairment" submitted by Dr Indu. H, Department of Education, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore - 641043.

Sanction of the President is hereby accorded to the approval of the above mentioned project at a total cost of Rs.24,17,482/- (Rupees Twenty Four Lakh Seventeen Thousand Four Hundred and Eighty Two only) for a period of 3 (three) years. The detailed breakup of the grant for general and capital components are given below.

General Component	Rs. 20,78,320/-
Capital Assets	Rs. 3,39,162/-
TOTAL	Rs. 24,17,482/-

2. The items of expenditure for which total allocation of Rs. 24,17,482/- (Rupees Twenty Four Lakh Seventeen Thousand Four Hundred and Eighty Two only) has been approved are given below.

BUDGET HEADS		1 <sup>st</sup> Year (in Rs.)	2 <sup>nd</sup> Year (in Rs.)	3 <sup>rd</sup> Year (in Rs.)	Total (in Rs.)
A. General Component					
MANPOWER					
1.	JRF (01) @ Rs.25,000/-+ 20% HRA per month for 1 <sup>st</sup> & 2 <sup>nd</sup> year and Rs.28,000/-+20% HRA per month for 3 <sup>rd</sup> year	3,60,000	3,60,000	4,03,200	11,23,200
2.	Sign Language Expert @ Rs.15,000/- per month	75,000 (5 months)	---	--	75,000 (5 months)
3.	Videographer @ Rs.20,000/- per month	1,00,000 (5 months)			1,00,000 (5 months)
4.	Programmer @ Rs.30,000/- per month	90,000 (3 months)	--	60,000 (3 months)	1,50,000
5.	IT Expert @ Rs.15,000/- per month	15,000	15,000	15,000	45,000
6.	Resource Person @ Rs.300/hr. x60 hrs.	18,000	--	--	18,000
CONSUMABLES					
1.	Consumables	10,000	25,000	15,000	50,000
TRAVEL					
1.	Project logistics	50,000	50,000	50,000	1,50,000
2.	Field activities				
3.	DST review meetings				

*S. Kousaleys*  
Registrar

Avinashilingam Institute for Home Science  
and Higher Education for Women  
(University Estd. u/s. 3 of UGC Act, 1956  
Coimbatore - 641 043)

*Dr. Indu H.*

TRAVEL COSTS					
1.	Training Programme for Teachers and Parents	50,000			50,000
OTHER COSTS					
1.	Rental Charges for the Studio, Books related to Sign Language, Hearing Impairment, Technology & Science at School Level	80,000	--	--	80,000
OVERHEADS					
1.	Institutional overheads	82,800	45,000	54,320	1,82,120
CONTINGENCIES					
1	Contingencies	25,000	25,000	25,000	75,000
TOTAL (A)		9,35,800	5,20,000	6,22,520	20,78,320
EQUIPMENT					
B. CAPITAL ASSETS					
1.	iball Tablet 4G2/4g volt/Quad Core Processor @ Rs.6,248.10Ps per piece	1,56,203 (25 units)	--	--	1,56,203
2.	Portable Colour Printer (01) @ Rs.10,620/-	10,620	--	--	10,620
3.	Handycam with Projector (01) @ Rs.31,989/-	31,989	--	--	31,989
4.	Projector Screen (01) @ Rs.4,800/-	4,800	--	--	4,800
5.	Hp Z240 Tower Workstation (01) @ Rs.85,550/-	85,550	--	--	85,550
6.	Video Editing Software	25,000	--	--	25,000
7.	Animation Software	25,000	--	--	25,000
TOTAL (B)		3,39,162	--	--	3,39,162
GRAND TOTAL (A+B)		12,74,962	5,20,000	6,22,520	24,17,482

3. The sanction of the President is also accorded to the release of Rs. 9,35,800/- (Rupees Nine Lakh Thirty Five Thousand and Eight Hundred Only) to Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore - 641043 being the first installment of grant under "General Component" for implementation of the above mentioned project.

4. This sanction is subject to the condition that the grantee organisation will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

5. The grantee organisation will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final installment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

6. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant

7. The grant-in-aid being released is subject to the condition that for a faster procurement process in line with the Provisions of General Financial Rules 2017, will be followed by the Institute/Organisation under the appropriate rules of the grantee organisation while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organisation immediately on receipt of the grant.

(b) While submitting Utilization Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.

8. The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grants released during F.Y. 2017-18 and onwards, all interests and other earnings, against released Grant shall be remitted to Consolidated Fund of India (through Non-Tax Receipt Portal (NTRP), i.e., [www.bharatkosh.gov.in](http://www.bharatkosh.gov.in)), immediately after finalization of accounts, as it shall not be adjusted towards future release of grant. A certificate to this effect shall have to be submitted along with Statement of Expenditure/Utilization Certificate for considering subsequent release of grant/closure of project accounts.

9. The grantee Institution or Organization should make reservations for Scheduled Castes and Scheduled Tribes or OBC in the posts or services under its control on the lines indicated by the Government of India if it (a) employs more than twenty persons on a regular basis and at least fifty per cent of its recurring expenditure is met from Grants-in-aid from Central Government; and (b) the body is a registered society or a co-operative institution and is in receipt of a general purpose annual Grants-in-aid of Rupees Twenty Lakh and above from the Consolidated Fund of India.

10. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.

11. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organisation is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.

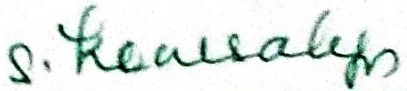
12. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organisation in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.

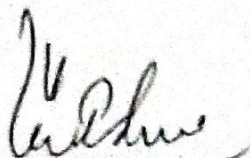
13. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.

14. The NGO was registered at the NGO Darpan Portal and the Unique Id is TN/2016/0104050.

15. The investigators should employ EAT Module in PFMS.

16. The expenditure involved will be debitible to Demand No.84  
Major Head 3425 - Other Scientific Research  
60 - Others  
60.200 - Assistance to Other Scientific Bodies

  
Registrar  
Avinashilingam Institute for Home Science  
and Higher Education for Women  
(University Estab. No. 3 of UGC Act 1956  
Coimbatore - 641 043)

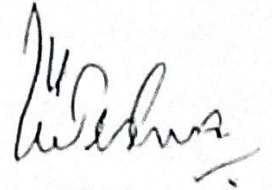


17. The amount Rs. 9,35,800/- (Rupee: Nine Lakh Thirty Five Thousand and Eight Hundred Only) will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore - 641043. The bank details for electronic transfer of funds through RTGS are given below.

1. Name of the Account Holder: Avinashilingam Institute for Home Science and Higher Education for Women
2. Name of the Bank: Indian Bank
3. Bank Account number: 474664698
4. IFSC Code: IDIB000A005
5. MICR Code: 641019012

18. As per Rule 234 of GFR 2017, this sanction has been entered at S. No. 128 in the register of grants maintained in the Division for the scheme.

19. This issues with the concurrence of IFD Vide their Concurrence Diary No. C/4494/IFD/2018-2019 dated 02/01/2019.



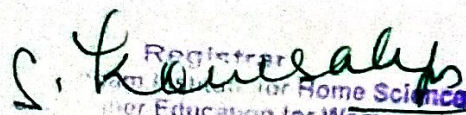
(Konga Gopikrishna)  
Scientist - 'E'  
Tel. No. 26590298

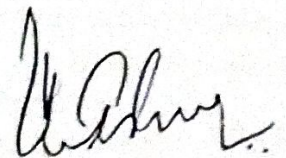
To

The Pay and Accounts Officer  
Department of Science and Technology, New Delhi.

Copy for information and necessary order to:

1. Cash Section (2 copies) for making the payment to the grantee.
2. Account Section.
3. Director of Audit, (Scientific Deptt.) AGCR Building, New Delhi - 110 002.
4. IFD, DST, New Delhi
5. Sanction Folder
6. Head (SEED)
7. Dr Indu. H, Department of Education, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore - 641043.
8. The Registrar, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore - 641043.

  
Registrar  
Avinashilingam Institute for Home Science  
and Higher Education for Women  
(University Estd. u/s. 3 of UGC Act 1956)  
Coimbatore - 641 043



(Konga Gopikrishna)  
Scientist - 'E'  
Tel. No. 26590298

No.SR/WOS-A/CS-25/2018 (G)  
Government of India  
Ministry of Science & Technology  
Department of Science & Technology  
KIRAN DIVISION

Technology Bhawan  
New Mehrauli Road  
New Delhi-110016  
Dated 08.01.2019

**ORDER**

**Sub:** Financial approval of the project under Women Scientist Scheme A (WOS-A) entitled "**Identification and evaluation of anti-quorum sensing agents from medicinal plants against pseudomonas aeruginosa**"

**PI:** Ms M Jeevitha, Department of Chemistry, Avinashilingam Institute for Home science and Higher Education for Women, Coimbatore-641043, TN

Sanction of the President is hereby accorded to the approval of the above mentioned project at a total **cost of Rs 18,70,000/-** (Rupees Eighteen Lakh Seventy Thousand only) for a duration of 3 years. The detailed breakup of the grant for General (Rs. 18,12,000/-) as well as Capital (Rs 58,000/-) Components are given below

Sl. No.	Heads	1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	Total
<b>A.</b>	<b>Non-Recurring (Capital Items)</b>				
	Equipments	58,000/-			58,000/-
	Silica Gel Rotors				
<b>B.</b>	<b>Recurring(General)</b>				
	Fellowship for MSc@ Rs 30,000/-	3,60,000/-	3,60,000/-	3,60,000/-	10,80,000/-
	Consumables	1,60,000/-	1,60,000/-	1,60,000/-	4,80,000/-
	Contingencies	20,000/-	20,000/-	20,000/-	60,000/-
	Travel	10,000/-	10,000/-	8,000/-	28,000/-
<b>C.</b>	<b>Overhead</b>	55,000/-	55,000/-	54,000/-	1,64,000/-
<b>D.</b>	<b>Total of Recurring Grant (B+C)</b>	<b>6,05,000/-</b>	<b>6,05,000/-</b>	<b>6,02,000/-</b>	<b>18,12,000/-</b>
<b>E.</b>	<b>GRAND TOTAL (A+D)</b>	<b>6,63,000/-</b>	<b>6,05,000/-</b>	<b>6,02,000/-</b>	<b>18,70,000/-</b>

2 Sanction of the grant is subject to the conditions as detailed in website [www.online-wosa.gov.in](http://www.online-wosa.gov.in)

3 The sanction of the President is also accorded to the release of Rs 6,05,000/- (Rupees Six Lac Five Thousand only) under "General Component" to The Registrar, Avinashilingam Institute for Home science and Higher Education for Women, Coimbatore-641043, TN being the first installment of the grant for the year 2018-2019 for implementation of the above mentioned project.

4 This sanction is subject to the condition that the grantee organization will furnish to the Department of Science & technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure utilization certificate and project completion report within one year from the scheduled date of completion of the project.

5 The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS

6 If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.

7 The grant-in-aid being released is subject to the condition that

(a) A transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/ Organization under the appropriate rules of the grantee organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant.

(b) While submitting Utilization Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grant under the project shall be considered only on receipt of the said documents.

Attested  
Registrar  
Avinashilingam Institute for Home Science  
and Higher Education for Women  
(University Estd. u/s. 3 of UGC Act.1956  
Coimbatore - 641 043

Contd 12

8. The Grantee Institute (GI) will maintain separate audited as per GFR 2017 Rule 230 (8) account for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grants released during F/Y 2017-2018 and onwards interest and other earnings against released Grant shall be remitted to Consolidated Fund of India, immediately after finalization of accounts, as it shall not be adjusted towards future release of Grant. A certificate to this effect shall have to be submitted along with statement of expenditure/utilization certificate for considering subsequent release of grant/closure of project accounts. GI should also follow Rule 230 (17) of GFR 2017 concerning to reservation of SC/ST/OBC, if application.

9. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.

10. The Principal Investigator under Women Scientist Scheme is not permitted to withdraw any emoluments/ salary/fellowship from any other project either supported by DST or by any other funding agency.

11. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C& AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organization is called upon to do so as laid down under Rule 236(1) of General Financial Rules 2017.

12. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.

13. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.

14. The expenditure involved is debit to Demand No 84, Department of Science & Technology for the year 2018-19:

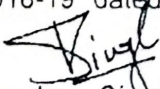
3425 Other Scientific Research (Major Head)  
60 Others (Sub-Major Head)  
60.200 Assistance to other Scientific Bodies (Minor Head)  
68 Science and Technology Institutional and Human Capacity Building (Sub Head)  
01 Disha Programme for Women in Science  
68.01 31 Grants-in-aid General for the year 2018-2019 (Voted)  
(Previous: Disha Programme for Women in Science 3425.60 200 55 01 31)

15. The amount of **Rs 6,05,000/-** (Rupees Six Lac Five Thousand only) will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed The Registrar, Avinashilingam Institute for Home science and Higher Education for Women, Coimbatore-641043, TN. The bank details for electronic transfer of funds through RTGS are given below -

Institute name Avinashilingam Institute for Home science and Higher Education for Women, Coimbatore  
Bank Name Indian Bank  
Account Number 917248759  
Branch Coimbatore  
IFSC code IDIB000A005

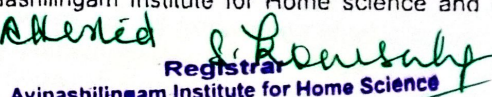
16. As per Rule 234 of GFR 2017, this sanction has been entered at S. No. 542 in the register of grants maintained in the KIRAN Division for scheme (KIRAN: WOS-A).


17. This issues with the concurrence of IFD Vide their Concurrence Dy.No)/4618/2018-19 dated 08.01.2019.

  
(Vandana Singh)  
Scientist-E

Copy for information and necessary action to:-

1. The Director of Audit (CW & M-II), AGCR Building, IP Estate, New Delhi-110 002.
2. Copy with two spare copies of the sanction to the Drawing & Disbursing Officer, DST, Cash Section.
3. The Registrar, Avinashilingam Institute for Home science and Higher Education for Women, Coimbatore-641043, TN.
4. Professor Shubashini K. Sripathi, Department of Chemistry, Avinashilingam Institute for Home science and Higher Education for Women, Coimbatore-641043, TN.
5. Ms. M. Jeevitha, Department of Chemistry, Avinashilingam Institute for Home science and Higher Education for Women, Coimbatore-641043, TN.
6. Pay & Accounts Officer, DST, New Delhi.
7. IFD, DST, New Delhi.
8. Sanction Folder.

  
Registrar  
Avinashilingam Institute for Home Science  
and Higher Education for Women  
(University Estd. u/s. 3 of UGC Act. 1956  
Coimbatore - 641 043)

  
(Vandana Singh)  
Scientist-E



**ORDER**

**Sub:** Financial approval of the project under Women Scientist Scheme A (WOS-A) entitled "*Identification and evaluation of anti-quorum sensing agents from medicinal plants against pseudomonas aeruginosa*"

PI Ms M Jeevitha, Department of Chemistry, Avinashilingam Institute for Home science and Higher Education for Women, Coimbatore-641043, TN

In continuation of the Sanction Order No SR/WOS-A/CS-25/208 (G) dated 08 01 2019 Sanction of the President is hereby accorded to the payment of Rs 58,000/- (Rupees Fifty Eight Thousand only) as the Grant for "creation of capital assets" in the above mentioned project. The details of the equipments to be procured are given below:

Sl. No.	Heads	1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	Total
A.	<b>Non-Recurring (Capital Items)</b>				
	Equipments	58,000/-			58,000/-
	Silica Gel Rotors				
	<b>TOTAL</b>	<b>58,000/-</b>			<b>58,000/-</b>

2 The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. The interest earned / accrued should be reported to DST (financial year wise) while submitting the Statement of Expenditure/Utilization Certificate. The interest thus earned will be treated as a credit to the grantee organization, which will be adjusted towards future release of grant.

3 This sanction is subject to the condition that the grantee organization will furnish to the Department of Science & technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

4 The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

5 If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s) separate SE/UC has to be furnished for the released Capital head grant.

6 The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C& AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.

7. The grant in-aid being released is subject to the condition that

(a) A transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/ Organization under the appropriate rules of the grantee organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant.

*A Hester S Kowsaly*  
Registrar

Avinashilingam Institute for Home Science  
and Higher Education for Women  
(University Estd. u/s. 3 of UGC Act.1956  
Coimbatore - 641 043

(b) While submitting Utilization Certificate/Statement of Expenditure the organization has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grant under the project shall be considered only on receipt of the said document.

8 DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017) shall not be disposed of without obtaining the prior approval of DST.

9 The Grantee Institute (GI) will maintain separate audited as per GFR 2017 Rule 230 (8) account for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grants released during F/Y 2017-2018 and onwards interest and other earnings, against released Grant shall be remitted to Consolidated Fund of India, immediately after finalization of accounts, as it shall not be adjusted towards future release of Grant. A certificate to this effect shall have to be submitted along with statement of expenditure/utilization certificate for considering subsequent release of grant/closure of project accounts. GI should also follow Rule 230 (17) of GFR 2017 concerning to reservation of SC/ST/OBC if application.

10. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.

11. The expenditure involved is debitable to Demand No 84, Department of Science & Technology for the year 2018-19:

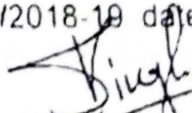
- 3425 Other Scientific Research (Major Head)
- 60 Others (Sub-Major Head)
- 60.200 Assistance to other Scientific Bodies (Minor Head)**
- 68 Science and Technology Institutional and Human Capacity Building (Sub Head)
- 01 Disha Programme for Women in Science
- 68.01 35 Grant for creation of capital assets for the year 2018-2019 (Voted)

(Previous: Disha Programme for Women in Science 3425 60 200 55 01 35)  
12 The amount of **Rs 58,000/-** (Rupees Fifty Eight Thousand only) will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed The Registrar, Avinashilingam Institute for Home science and Higher Education for Women, Coimbatore-641043, TN. The bank details for electronic transfer of funds through RTGS are given below:

Institute name	Avinashilingam Institute for Home science and Higher Education for Women, Coimbatore
Bank Name	Indian Bank
Account Number	917248759
Branch	Coimbatore
IFSC code	IDIB000A005


13. As per Rule 234 of GFR 2017, this sanction has been entered at S. No 542 in the register of grants maintained in the **KIRAN Division** for scheme (WOS-A).

14. This issues with the concurrence of IFD Vide their Concurrence Dy No)/4619/2018-19 dated 08.01 2019


  
(Vandana Singh)  
Scientist-E

Copy for information and necessary action to -

- 1 The Director of Audit (CW & M-II), AGCR Building, IP Estate, New Delhi-110 002
- 2 Copy with two spare copies of the sanction to the Drawing & Disbursing Officer, DST, Cash Section
- 3 The Registrar, Avinashilingam Institute for Home science and Higher Education for Women, Coimbatore-641043, TN.
- 4. Professor Shubashini K. Sripathi, Department of Chemistry, Avinashilingam Institute for Home science and Higher Education for Women, Coimbatore-641043, TN
- 5. Ms. M. Jeevitha, Department of Chemistry, Avinashilingam Institute for Home science and Higher Education for Women, Coimbatore-641043, TN
- 6. Pay & Accounts Officer, DST, New Delhi.
- 7 IFD, DST, New Delhi.
- 8 Sanction Folder



**Registrar**  
Avinashilingam Institute for Home Science  
and Higher Education for Women  
(University Estd.u/s. 3 of UGC Act.1956  
Coimbatore - 641 043

  
(Vandana Singh)  
Scientist-E