



अन्तर-विश्वविद्यालय त्वरक केन्द्र
INTER-UNIVERSITY ACCELERATOR CENTRE

(विश्वविद्यालय अनुदान आयोग का स्वायत्त केन्द्र)
(An Autonomous Centre of UGC)

Ref: IUAC/XIII.7/UFR- 68322/

May 4, 2023

The Principal
Kongunadu Arts and Science College,
GN Mills PO, Coimbatore - 641029

Sub: Financial sanction for the financial year 2023-24

Ref: Project Code No. UFR- 68322 sanctioned in favour of Dr. P. Matheswaran, Assistant Professor, Dept. of Physics, Kongunadu Arts and Science College, GN Mills PO, Coimbatore.

Dear Sir,

The following funds under different heads are being sanctioned for the financial year 2023-2024

Project Code : UFR - 68322			
Year	Fellowship	Contingency/Consumables	Total
Final	Rs.1,54,323/- @ Rs.14000/- P.M. For 01.04.23 to 20.01.24	-	Rs.1,54,323/-

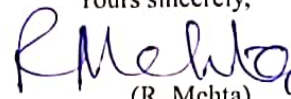
The grant will be released from financial year to financial year i.e. April 1, to March 31 of every year. Normal UGC guidelines will apply in all circumstances. Travel money would not be released but as per AUC decision, PI may come to IUAC for experiments, data analysis and research discussions as required and approved by Centre. Centre will pay TA (by train) and the local hospitality.

Annual progress report and provisional utilisation certificate duly signed by a competent authority of the university in the standard UGC format must be submitted at the completion financial year.

As soon as annual accounts of the university are audited, the final audited utilisation certificate should be sent to us, as our auditors/UGC auditors are requiring this. If any funds left unspent in the project may be refunded to us immediately in favour of "Inter University Accelerator Centre" payable at New Delhi after completion of the project.

Thanking you,

Yours sincerely,


(R. Mehta)
Convener, AUC

cc to:

Dr. P. Matheswaran
Assistant Professor, Dept. of Physics,
Kongunadu Arts and Science College,
GN Mills PO, Coimbatore - 641029

पोस्ट बाक्स: 10502 अरुणा आसफ अली मार्ग,
Post Box No. 10502, Aruna Asaf Ali Marg,
नई दिल्ली - 110 067 (भारत)
New Delhi- 110 067 (India)

दूरभाष :/Telephone :011-2412 6018/22/24/25/26/29/45/46
फैक्स :/Fax : 011-24126041
वेबसाइट:/Website : www.iuac.res.in



Ref: CRS/2022-23/01/706

Date: 2024-02-07

Sanction Order

To,
The Registrar/Principal/Financial Authority,
Through Dr. Saravanakumar Kulendran
Kongunadu Arts and Science College, Coimbatore

Subject: Collaborative Research Scheme(CRS) Project of UGC-DAE CSR entitle 'Study of thermal conduction and ZT in $\text{Ca}_3\text{Co}_4\text{O}_9$ nanostructured thin films with Phonon-Glass-Electron-Crystal approach' by Dr. Saravanakumar Kulendran.

Dear Madam/Sir,

In continuation to our sanction letter the CRS project submitted to UGC-DAE CSR by **Dr. Saravanakumar Kulendran** of your institution has been approved by the competent authority. The principal collaborator from UGC-DAE CSR is **Dr. V. Raghavendra Reddy**. The details of the remittance are given below:

Student fellowship(@ ₹14,000/- pm+HRA)	Consumable	Contingency	Total Amount	Date of remittance	PFMS Ref. No.
₹	₹30000	₹15000	₹45000	2024-02-07	C012449071584
No overheads are available under this scheme					

This project has been approved as per the guidelines given below:

1. This is a Collaborative Research Scheme (CRS) of UGC-DAE CSR. In view of the complex and involved nature of the experiments, any publication emerging under the project must be of collaborative in nature with due consents from the scientists at UGC-DAE CSR and/or DAE centres, and in consultation with the Principal Collaborator/Coordinator. Following phrase must be included in the acknowledgement: "This work was partially/fully carried out using the facilities of UGC-DAE CSR. The authors acknowledge the financial support from UGC-DAE CSR through a Collaborative Research Scheme (CRS) project number **CRS/2022-23/01/706**."
2. This project is sanctioned for **one year** but it may be extended on yearly basis subject to a total period of three years.
3. In case the CRS project has been approved without student fellowship, it will not be possible to grant student fellowship in subsequent years as well.
4. The PI must '**Apply for an Experiment Time**' through our online user portal <https://csruserportal.com/> for utilization of each experimental facility each time.
5. The project will be reviewed at the end of each year to consider sanction and financial allocation for the succeeding year.

6. The release of grants for the subsequent years can be made only upon receipt of funds from UGC towards the scheme. A separate sanction order will be issued for the subsequent years.

7. At the end of the financial year (i.e. by March 31) the PI should submit:

- (i) Utilization Certificate in the format provided at our website for the amount spent and
- (ii) A Statement of Expenditure duly signed by the Registrar/Principal/competent financial authority of your university/institution to the Centre-Director of respective Centre. The release of funds for the subsequent year(s) can only be made after receiving the above documents.

8. The UGC-DAE CSR will be able to reimburse the travel expenses to Project Investigators as per rules, limited to 2nd AC train fare visiting a centre on project work. However, the student participant is permitted for a sleeper class train fare by the shortest route and is as per prevailing norms of UGC-DAE CSR.

Rules for selection of a CRS project fellow

The CRS project fellow (if approved) should be made by an open selection procedure as per UGC guidelines. The recruitment procedure should be completed within 3 months after the release of the sanction order. The details for recruitment are given below:

#	Designation	Remuneration	Qualifications
1	CRS Project Fellow (Junior) -I	₹14,000 + HRA	M.Sc. (not earlier than 3 years) with a minimum of 55% marks in the concerned subject (for Science) M.E. / M. Tech. (not earlier than 3 years) 1st Class (for Engineering)
2	CRS Project Fellow (Senior)-I	₹16,000 + HRA	After completion of 2 years as a CRS Project Fellow (Junior) -I + at least one research paper in a reputed SCI journal + assessment of the student by a 3 member expert committee approved by the Centre-Director
3	CRS Project Fellow (Junior)-II	₹31,000 + HRA	Same as (1) + valid JEST/GATE/NET-JRF/Lectureship/UGC-CSIR NET JRF/Lectureship + Ph.D. registration of the student under the supervision of the PI at the University where PI's institute is affiliated
4	CRS Project Fellow (Senior)-II	₹35,000 + HRA	After completion of 2 years as a CRS Project Fellow (Junior)-II + at least one research paper in a reputed SCI journal + assessment of the student by a 3 member expert committee approved by the Centre-Director

1. All recruitment should be authorized by a selection committee as per rules of University/Institution in which the PI is working. The advertisement should be widely circulated electronically and a copy should be sent to the Principal Collaborator.

2. For appointing a student in the CRS project, the interview panel must be approved by the Centre-Director of the respective Centre. The PI should inform the interview schedule as least 2 weeks in advance. The entire process should be conducted in an online/hybrid mode.

3. A UGC-DAR CSR nominee along with Principal Collaborator is needed for all interviews and upgradations.

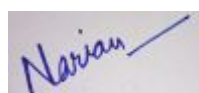
4. For all appointments, it has to be mentioned that it is on purely temporary basis and will co-terminate with the CRS project. Leave rules for the appointed fellow will be as per the host institution of PI.

5. Appointment of student in the project is not permitted in the second or third year of the project.

6. While appointing as well as upgrading, a copy of relevant documents including CV along with educational qualification documents (incl. NET/GATE, etc.), minutes of the selection committee/upgrada of the student by a 3 member expert committee approved by the Centre-Director
3 CRS Project Fellow (Junior)-II ₹31,000 + HRA **Same as (1)**
+ valid JEST/GATE/NET-JRF/Lectureship/UGC-CSIR NET JRF/Lectureship
+ Ph.D. registration of the student under the supervision of the PI at the University where PI's institute is affiliated 4 CRS Project Fellow (Senior)-II ₹35,000 + HRA After completion of 2 years as a **CRS Project Fellow (Junior)-II**
+ at least one research paper in a reputed SCI journal
+ assessment of the student by a 3 member expert committee approved by the Centre-Director

1. All recruitment should be authorized by a selection committee as per rules of University/Institution in which the PI is working. The advertisement should be widely circulated electronically and a copy should be sent to the Principal Collaborator.
2. For appointing a student in the CRS project, the interview panel must be approved by the Centre-Director of the respective Centre. The PI should inform the interview schedule as least 2 weeks in advance. The entire process should be conducted in an online/hybrid mode.
3. A UGC-DAR CSR nominee along with Principal Collaborator is needed for all interviews and upgradations.
4. For all appointments, it has to be mentioned that it is on purely temporary basis and will co-terminate with the CRS project. Leave rules for the appointed fellow will be as per the host institution of PI.
5. Appointment of student in the project is not permitted in the second or third year of the project.
6. While appointing as well as upgrading, a copy of relevant documents including CV along with educational qualification documents (incl. NET/GATE, etc.), minutes of the selection committee/upgradation committee, appointment letter, joining report etc. must be send to the Centre-Director of the respective Centre.
7. The student appointed under this project should spend a substantial amount of time at UGC-DAE CSR.
8. Contingency fund to be utilized for computational work, purchase of stationary and other consumables pertaining to the concerned project. No grant is allocated for any capital equipment/asset.

Copy to: Through User Portal to: Director, concerned Centre-Director, User Office, Dr. Saravanakumar Kulendran, Dr. V. Raghavendra Reddy, AO for information.



Narian Kr.Lengay
Administrative Officer-I
(UGC-DAE CSR)



Scheme for Promotion of Academic and Research Collaboration

No.: SPARC/2019-2020/P2569/SL

Dt.: 28.07.2023

To

Dr. Muthukumar K,
Tamil,
Kongunadu Arts & Science College,
India

Dear Sir/Madam,

Sub: Sanction letter of SPARC proposal

Based on the recommendation of the Apex Committee of SPARC, MoE has sanctioned the following project. The details are mentioned below

Project Code : P2569
Proposal-Id : 2569
Title : Socio-economic Analysis of textile effluent pollution impact in Noyyal river and Exploration of Remediation through Algae and Graphene membrane
Indian PI : Dr. Muthukumar K (Kongunadu Arts & Science College)
Indian Co-PI(s) : Dr. Bhuvaneshwari V (Kongunadu Arts & Science College)
International PI : Dr. David Ian Benson (UNIVERSITY OF EXETER)
International Co-PI(s) : Dr. Senthilarasu SUNDARAM (UNIVERSITY OF EXETER)

Sanctioned Budget Details :

Budget Head	Sanctioned Amount (in INR)
Travel - International Faculty	14,18,580
Travel - International Scholar	36,000
Travel - Indian Scholar	4,94,870
Publication - Monograph	34,000
Workshop / Symposium	1,16,000
Overhead and Contingency	1,00,000
Total	21,99,450

The start date and the duration for the project are as follows

Start Date: 28.07.2023

Duration: 2 years

All procedures to be followed including expenditure will be as per SPARC norms.

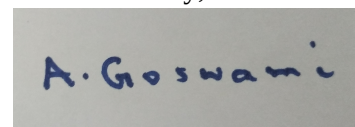
As per rule 211 of GFR, the accounts of project shall be open for inspection by sanctioning authority/audit whenever the institute is called upon to do so.

The Institute has to maintain a separate account for each project.

The Institute Coordinator of SPARC is requested to arrange for uploading provisional statement of accounts/UC in the site for all projects approved for the Institute during the 1st week of April and to upload the audited statement of accounts/UC by July.

The sanction is issued as per the approval of the National Coordinator, SPARC.

Yours sincerely,

A rectangular box containing a handwritten signature in blue ink that reads "A. Goswami".

For National Coordinator
IIT, Kharagpur



Scheme for Promotion of Academic and Research Collaboration (SPARC)

No. IITKGP/SPARC/Phase-II/39

December 08, 2023

To

Dr. V. Meiyalagan

Kongunadu Arts & Science College

SPARC Coordinator

meiyalagan82@kongunaducollege.ac.in

Subject: Intimation regarding release of fund

Sir/Madam,

Based on the approval of the Competent Authority, expenditure limit amounting to Rs. 10,00,000/- has been assigned for the following SPARC projects of phase-II through PFMS as initial grant:

Project ID	Name of the Indian PI	Amount (Rs.)
2569	Dr. Muthukumar K	1000000

- In accordance with the instructions issued by Ministry of Finance, Department of Expenditure vide their O.M. No. 1(18)/PFMS/FCD/2021 dated 09.03.2022, a revised procedure for flow of funds has been put in place for SPARC scheme.
- All Payments is to be made from the zero balance subsidiary accounts through PFMS up to the drawing limit assigned to such accounts.
- All procedure is to be followed for the expenditure of released grant as per SPARC norms.
- A confirmation of receipt of grants may kindly be sent at support@sparc.iitkgp.ac.in.

[Kindly plan and execute the project activities on an urgent basis to ensure complete expenditure of the first instalment amount positively by 30th June 2024. This is an update to our previous instruction circulated through email dated 9th November 2023.]

Yours sincerely

Prof. Rabibrata Mukherjee
National Coordinator, SPARC
IIT Kharagpur

Fwd: Reg. Transaction Details of Second Installment

1 message

M.Santhoshkumar Assistant Professor <msanthoshkumar_bc@kongunaducollege.ac.in>
To: "Dr. G. Dhandapani Assistant Professor" <gdhandapani@kongunaducollege.ac.in>

Fri, Jul 26, 2024 at 2:46 PM

----- Forwarded message -----

From: **RP Division ICSSR** <rpdivision@icssr.org>
Date: Thu, Jul 11, 2024 at 4:32 PM
Subject: Reg. Transaction Details of Second Installment
To: <msanthoshkumar_bc@kongunaducollege.ac.in>

File No. 02/61/2022-23/ICSSR/RP/MJ/SC

Subject: Release of **Second Instalment** of **Rs. 2,40,000/-** for the Research Project sanctioned to you by ICSSR titled "**Assessment of the sacred plants at Hindu temples in Tamil Nadu : A perspective of phyto-sociology and biodiversity conservation** "

Dear **Dr. M. Santhoshkumar,**

Please find the Payment Advice No. **C052431012181** dated **31.05.2024** UTR- **RBI 1532404105956** towards the release of **Second Instalment of Rs. 2,40,000/-** for the research project mentioned above.

Furthermore, ensure that your institution's bank account registered under PFMS is linked with ICSSR Scheme - 0877 on the PFMS portal to enable and display the payment details. According to the PFMS portal, the payment advice number and the PFMS ID will be shared only by ICSSR. If you are still unable to trace the payment details, please cross-reference with the Sanction Order amount that has already been sent to you. Alternatively, you may contact the Finance Division at ICSSR for the necessary specifications using the email addresses icssrfin.nd@gmail.com and dcfo@icssr.org, or by calling **011-26742830** (Direct) or **011-26741849/50/51** (EPABX) with Extension 227.

Kindly acknowledge the receipt and inform your affiliating institute.

best wishes,

Research Projects Division|अनुसंधान परियोजना विभाग
Indian Council of Social Science Research|भारतीय सामाजिक विज्ञान अनुसंधान परिषद्
(Ministry of Education, Govt. of India)| शिक्षा मंत्रालय, भारत सरकार
Aruna Asaf Ali Marg, JNU Institutional Area, New Delhi - 110067.
Ph.: +91-11-26742351; 26716690; chari@icssr.org
Tel. No. 91-11-26741849/50/51 (EPABX), Ext. 303; 290; 292; 297.



தமிழ்நாடு அறிவியல் தொழில்நுட்ப மாநில மன்றம்
TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

(Established by Government of Tamilnadu)

Directorate of Technical Education Campus, Chennai - 600 025.

Phone : 044 - 2230 1428

Web : www.tanscst.nic.in

Telefax : 044 - 2230 1552

E-mail : ms.tanscst@nic.in / enquiry.tanscst@nic.in

DR. R. SRINIVASAN, M.Sc., Ph.D., F.I.C.S., M.A.C.S. (USA).

Member Secretary

Ref: TNSCST/YSFS/BS/09/2022-2023

9409 -

04.07.2023

To
Dr.K.Chandra Prakash
Assistant Professor
Dept.of Chemistry
Kongunadu Arts and Science College
Coimbatore - 641 029

Sir / Madam,

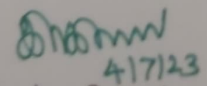
Sub : TNSCST – Young Scientist Fellowship – Selection – Intimated – Reg.

Ref : Chairman Approval dated 28.06.2023

With reference to your application cited above, I am happy to inform you that you have been selected for the award of Young Scientist Fellowship for the year 2022-2023 for a period of 2 months subject to the following conditions:

- A total sum of **Rs.21970/-** towards fellowship for 2 months (Rs.20000/-) and II A/C travel fare (to and fro Rs.1970/-) from parent organization to the host institute, will be provided. If you travel in lower class, the grant is to be reduced correspondingly to the actual train fare.
- The training or collaborative research may be rescheduled and intimated to the Council. It should be completed before the end of **December, 2023**.
- At the end of the programme, two copies of the research report along with the Certificate from the host Institution should be submitted.
- Two Copies of the utilization certificate in the prescribed format and receipt of the train fare should be submitted to the Council as soon as you join duty after completion of the programme.
- Fellowship will not be paid if you avail any leave other than the casual leave during the training period.
- Date of relief and date of joining at the parent institution should be intimated to the Council.
- Your acceptance of this offer as per the conditions above should be informed to the Council on or before **25.07.2023** with details along with reschedule plan.
- Kindly provide your Institutional Bank account details such as Name of the A/C, Account Number, Account type (SB or CA), IFSC Code, Name of the Bank, Branch.

Yours faithfully,


417123

Member Secretary.

Copy to:
The Principal
Kongunadu Arts and Science College
Coimbatore - 641 029

SPONSORED RESEARCH AGREEMENT

between

Utthan

and

KONGUNADU ARTS AND SCIENCE COLLEGE

This Sponsored Research Agreement ("Agreement") is entered into as of September 01, 2023 ("Effective Date") between **UTTHAN**, a nonprofit organization headquartered at 36, Chitrakut Twins, situated behind Management Enclave, Nehru Park, Vastrapur, Ahmedabad, Gujarat 380015, hereinafter referred to as "**Utthan**" and **KONGUNADU ARTS AND SCIENCE COLLEGE** (Autonomous), located at GN Mills, Coimbatore - 641029, Tamil Nadu, India, hereinafter referred to as "**KASC**".

Recitals

WHEREAS, Utthan desires to engage KASC to conduct a research study titled "**Gendered Assessment of Artisanal Fisherfolk in Gujarat: Current Status, Climate Resilience, and Future Prospects**" (referred to as the "project"), and Dr. V. Selvakumar, Lead in Knowledge Management, and Pallavi, Joint CEO, are coordinating with KASC on this research.

WHEREAS, KASC possesses the necessary technical expertise and wishes to conduct the research project described in this agreement (hereafter referred to as the "Project"), under the supervision of **Dr. S. Raja**, Assistant Professor (Employee Number: A/TS/98), and **Dr. M. Samynathan**, Assistant Professor (Employee Number: A/TS/180) of KASC's Department of Zoology, who are designated as the Principal Investigators.

NOW, THEREFORE, in consideration of the foregoing and the mutual agreements contained herein, Utthan and KASC hereby agree as follows:

1. Scope of the Assignment

The scope of this study is to comprehensively assess the socioeconomic status and ecological challenges faced by artisanal fisherfolk in Gujarat, as well as to evaluate the overall impact of policies and interventions carried out by Utthan. The study's findings will provide valuable insights to inform future interventions, guide policy reforms, and support community development initiatives with the ultimate aim of enhancing the quality of life and resilience of artisanal fisherfolk in the region.

2. Objectives of the assignment

The research objectives are as follows:

- a) Assess the current socioeconomic status of artisanal fisherfolk in Gujarat, including income levels, educational attainment, and access to basic services.
- b) Identify and document the ecological challenges faced by the community, such as overfishing, habitat degradation, and climate change impacts.

- c) Identify and analyze policy gaps and institutional barriers that hinder artisanal fisherfolk from accessing government schemes and support services.
- d) Evaluate the impact of Utthan's interventions in terms of rights realisation, solidarity, income generation, livelihood diversification and resilience to ecological challenges.
- e) Highlight actionable measures that Utthan can undertake to improve the quality of life for the artisanal fisherfolk community, considering aspects such as skill development, access to credit and markets, rights realisation and social welfare initiatives.
- f) Analyze the impacts and study variables from a gender perspective to identify any gender-specific challenges or opportunities.

3. Methodology

The study will adopt a mixed-methods research approach, combining qualitative and quantitative methods. The following research methods will be employed:

1. **Household survey:** Conduct a sample survey among artisanal fisherfolk households to gather data on socioeconomic indicators, including income, education, health, and access to services in the few villages of Bhavnagar district - Mahuva block & Amreli district - Rajula block
2. **Ecological assessment:** Conduct field surveys and interviews to identify and document the key ecological challenges faced by artisanal fisherfolk, such as declining fish stocks, habitat degradation, and climate-related impacts.
3. **Impact evaluation:** Employ quantitative methods, such as statistical analysis and comparison of pre- and post-intervention data, to evaluate the impact of Utthan's livelihood interventions on income levels, livelihood diversification, and ecological resilience of the community.
4. **Gender analysis:** Utilize qualitative research methods, including focus group discussions and in-depth interviews, to explore the gendered impacts and opportunities associated with Utthan's interventions.
5. **Policy analysis:** Conduct a thorough analysis of existing policies and government schemes relevant to artisanal fisherfolk, focusing on the barriers and gaps that limit their access to support services.
6. **Stakeholder consultations:** Engage with community members, Utthan staff, government officials, and other relevant stakeholders through workshops and meetings to gather perspectives and validate findings.

4. Expected Results

The anticipated results of this research study are:

1. Comprehensive documentation of the socioeconomic status and ecological challenges faced by artisanal fisherfolk in Gujarat.
2. Evaluation of the impact of Utthan's interventions on the artisanal fisherfolk community in terms of rights realisation, solidarity, income generation, livelihood diversification and resilience to ecological challenges.
3. Identification of actionable measures that Utthan can implement to improve the quality of life for the artisanal fisherfolk community, considering skill development, market access, social welfare initiatives, and community empowerment in Gujarat, particularly in Bhavnagar & Amreli districts.

4. Identification and analysis of policy gaps and institutional barriers that hinder the community's access to government schemes and support services.
5. Gender analysis to understand the differential impacts and opportunities experienced by men and women within the artisanal fisherfolk community.

5. Outputs and Deliverables

To ensure maximum impact, the research findings will be disseminated to relevant stakeholders and the wider public through various channels. The Principal Investigators are accountable with delivering the following outcomes at the end of the project:

- i. **Research Report:** A detailed research report documenting the study's objectives, methodology, findings, and policy recommendations.
- ii. **Workshops and Seminars:** Participate in and share the research findings, engaging in discussions during interactive workshops and seminars organized with the participation of artisanal fisherfolk, Utthan, government officials, NGOs, and researchers.
- iii. **Policy Briefs:** Develop two concise policy briefs based on the study findings, targeting policymakers and key decision-makers. These briefs should highlight identified policy gaps and provide actionable recommendations for policy reforms.
- iv. **Academic Publications:** Publish two research articles in reputable journals which are indexed in Scopus and Web of Science, contributing to the existing literature on artisanal fisherfolk livelihoods and sustainable development, with a focus on Utthan's interventions.

6. Confidentiality

All documents, data, and video clips obtained during interviews and meetings are confidential and are intended solely for the purpose of research. The Principal Investigators are required to submit all raw data to Utthan upon completion of the study.

7. Contract Duration

The contract for conducting the research commences on 1st September 2023 and concludes on March 31, 2024. The Principal Investigators are required to submit the research reports and other deliverables within this time frame. An extension for the submission of any deliverable will only be allowed in extraordinary situations, and Utthan has the sole right to reject any such request for an extension.

8. Professional fee

The Principal Investigators shall receive a **consolidated payment of INR 4,00,000**, inclusive of all costs incur for conducting the research. This amount covers all expenses, including field-level data collection, analysis, travel expenses of the researchers, and report writing. Utthan's sole responsibility is limited to coordinating the process.

9. Terms of Payment

Payment for the grant will be divided into four equal installments. The first installment, equivalent to 25% of the grant, will be disbursed after the signing of the agreement. The second installment, also 25% of the grant, will be released upon submission and acceptance of the inception report. Similarly, the third installment, accounting for 25% of the grant, will be paid

upon submission and acceptance of the draft report. The final 25% installment will be disbursed after the successful submission and approval of the deliverables, as outlined in this agreement. The payment installments to the Principal Investigators will be subject to the deduction of applicable taxes mandated by government norms.

10. Reporting

The Principal Investigators are required to provide Utthan with monthly updates on the research's progress. Given the short-term nature of the project and to ensure timely delivery of the deliverables, this regular communication is essential. Additionally, the Principal Investigators will closely coordinate their work with the research coordinator Dr. V. Selvakumar, Lead - Knowledge Management at Utthan.

11. Ownership of Work and Intellectual Property

All intellectual property rights arising from the study, including but not limited to the research report, data, findings, analyses, and any related materials, shall be solely and exclusively owned by Utthan. The Principal Investigators and their research team, in the course of conducting this study, agree to transfer and assign any and all rights, title, and interest they may have in the intellectual property to Utthan. This transfer of ownership includes, but is not limited to, copyrights, trademarks, patents, and any other proprietary rights. Utthan shall have the unrestricted right to use, modify, reproduce, distribute, and publish any findings or materials produced as a result of this study for its purposes, without seeking additional permissions or approvals from the Principal Investigators or any other parties involved in the research. The Principal Investigators and their research team shall cooperate fully in executing any necessary documents to effectuate this transfer of intellectual property rights to Utthan.

12. Termination

Utthan retains the right to terminate this agreement at any time, with or without cause, through written notice. Termination for convenience allows Utthan to end the agreement without specifying a reason, with compensation provided for work completed as per the payment schedule. Termination of cause permits immediate termination due to a material breach by the Principal Investigators, with no compensation for incomplete work. Upon termination, the Principal Investigators must promptly deliver all deliverables and materials to the Utthan, including intellectual property rights, which remain with the Utthan. No further obligations or claims exist beyond accrued compensation. Certain provisions, such as confidentiality and governing law, persist post-termination, and disputes are subject to the Jurisdiction of courts of Ahmedabad, Gujarat.

13. Composition and Accountability of the Research Team

The Principal Investigators, as named in this Agreement, are exclusively responsible for ensuring the successful and timely completion of all research deliverables outlined in article 5 of this agreement. In addition to their individual responsibilities, the Principal Investigators are required to assemble and lead a team of subject matter experts (the "Research Team") for the execution of this research project. The composition of the Research Team, including the selection of subject matter experts, is subject to prior approval by Utthan.

The Principal Investigators shall provide Utthan with a comprehensive list of proposed team members, detailing their qualifications and roles, for Utthan's review and approval. Utthan retains the right to accept or reject any proposed team member based on their qualifications, experience, and alignment with the project's objectives.

It is explicitly noted that any payments or costs incurred for team members must be covered within the project's cost allocated to the Principal Investigators. Utthan shall not incur any additional expenses related to the Research Team. The Principal Investigators shall ensure that the Research Team operates cohesively, meeting the project's objectives, and adhering to the terms and conditions set forth in this Agreement. Any alterations to the composition of the Research Team shall also be subject to prior approval by Utthan.

14. Ethical Considerations

The research will strictly adhere to ethical guidelines, guaranteeing the principles of informed consent, confidentiality, and the safeguarding of participants' rights throughout the study. All collected data will be handled securely and anonymized to ensure the participants' privacy.

15. Non-discrimination

In the performance of services under this Agreement, both parties mutually agree not to engage in any form of discrimination against any employee or employment applicant on the basis of race, creed, color, sex, or national origin.

16. Entire Agreement and Amendments

This Agreement and its Attachments constitute the entire agreement between the parties concerning the subject matter herein, and they supersede all prior agreements and understandings related to such subject matter. No change, amendment, or alteration, including additions or terminations of any provisions, shall be valid unless made in writing and signed by each party. No oral statement by any person shall be construed as modifying or otherwise impacting the terms of this Agreement.

17. Acceptance

Both parties accept the above-mentioned terms and conditions.

For Utthan _____

Authorized signatory _____

Name:

(Srinivas Bhikadina)

Designation:

Organization:

In the witness of _____ Executive Officer

Signature:

Utthan

Name: Ranyatni Bheut

Date:

For, Utthan

Bheut

For Kongunadu Arts and Science College

Principal Investigator 1 :

Principal Investigator 2 : _____ (Dr. M. Sam)

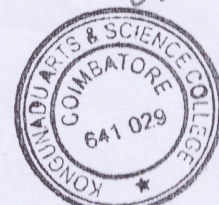
Signature:

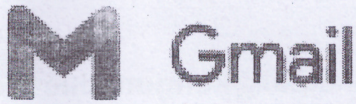
Dr. M. LAKSHMANASWAMY
MSc, MPhil, PhD, FEd, FSI, FIBEC,
Principal
Kongunadu Arts and Science College
(Autonomous)
Coimbatore - 641 029, TN.

Name:

Date:

01-09-2023





19/10/23

Principal Kasc <principal@kongunaducollege.ac.i

**Regarding deposited payment to KASC - UTTHAN for Amt.-
1,00,000/-.**

1 message

Rinku Chauhan <rinku@utthangujarat.org>

Thu, Oct 19, 2023 at 5:31 F

To: "principal@kongunaducollege.ac.in" <principal@kongunaducollege.ac.in>

Cc: finance utthan <finance@utthangujarat.org>, Selva kumar <selva@utthangujarat.org>

Dear Sir,

We would like to inform you, Today we have made payment by RTGS the First Instalment of the professional fees for the research study " Gendered Assessment of Artisanal Fisherfolk in Gujarat" vide cheque no: 001010, Amount: 90,000/-, dt: 19/010/2023, as detailed below:

Sr #	Name	Bill #	Bill Dt	Bill Amt
1	KASC - UTTHAN	1st Instalment	07-10-2023	1,00,000.00
10% TDS Deducted				10,000.00
Net Paid				90,000.00

Kindly confirm with us, when you receive a payment.

We appreciate your reply.

Rinku Chauhan

Accountant

Utthan36, Chitrakut Twins, Nehru Park,
Near Management Enclave, Vastrapur,
Ahmedabad, Gujarat 380015

India(+91) 79.2675.1023

<https://utthangujarat.org>

தலைப்பு



1. கணக்கு காலாண்டு அறிக்கை (Annual Statement) க்கு 1 மாத காலத்தில் கிடைக்கக்கூடிய காலாண்டு அறிக்கை க்கு உடனடி அறிக்கை அனுப்பி உறுதிப்படுத்த வேண்டும். / Register your Mobile and e-mail-id for getting information about your account.
2. கணக்கு காலாண்டு அறிக்கை (Annual Statement) க்கு உடனடி அறிக்கை அனுப்பி உறுதிப்படுத்த வேண்டும். / You may call for free number for enquiry etc.
3. கணக்கு காலாண்டு அறிக்கை (Annual Statement) க்கு உடனடி அறிக்கை அனுப்பி உறுதிப்படுத்த வேண்டும். / Do not pass book updated regularly.
4. கணக்கு காலாண்டு அறிக்கை (Annual Statement) க்கு உடனடி அறிக்கை அனுப்பி உறுதிப்படுத்த வேண்டும். / You may call for free number for enquiry etc.
5. கணக்கு காலாண்டு அறிக்கை (Annual Statement) க்கு உடனடி அறிக்கை அனுப்பி உறுதிப்படுத்த வேண்டும். / Do not put your signature anywhere in the passbook.
6. கணக்கு காலாண்டு அறிக்கை (Annual Statement) க்கு உடனடி அறிக்கை அனுப்பி உறுதிப்படுத்த வேண்டும். / We welcome your suggestions.
7. கணக்கு காலாண்டு அறிக்கை (Annual Statement) க்கு உடனடி அறிக்கை அனுப்பி உறுதிப்படுத்த வேண்டும். / Contact Branch Manager in case of any difficulty or for Value Added Service.

கணக்கு காலாண்டு அறிக்கை (Annual Statement) க்கு உடனடி அறிக்கை அனுப்பி உறுதிப்படுத்த வேண்டும். / Register your Mobile and e-mail-id for getting information about your account.

கணக்கு காலாண்டு அறிக்கை (Annual Statement) க்கு உடனடி அறிக்கை அனுப்பி உறுதிப்படுத்த வேண்டும். / You may call for free number for enquiry etc.

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Indian Overseas Bank
KONGUNADU COLLEGE BR
IFSC CODE : IOBA0001707



இந்தியன் ஓவர்சீஸ் வங்கி
इण्डियन ओवरसीज बैंक
Indian Overseas Bank

SAVINGS BANK ACCOUNT
Branch: [1707] KAVUNDAMPALAYAM KONGUNADU COLL
GNANAMBIKAI MILLS P.O, COIMBATORE
COIMBATORE COIMBATORE NORTH-641029 TAMIL NADU, INDIA
Account No: 170701000019141
MR.KASC - UTTHAN
G N MILLS PO
COIMBATORE
COIM3
COIMBATORE, TAMIL NADU, INDIA, PIN-641029
Cust.E Mail: PRINCIPAL@KONGUNADUCOLLEGE.AC.IN
Nomination: NOT REGISTERED

Br Phone: 04222644377
MICR: 641020030
IFSC: IOBA0001707
E Mail: iob1707@iob.in

Scheme Code: SBPUB
Cust Id: 515419156
Opened On: 05-10-2023
MOP: MANDATE HOLDER



சா.க. குமாரன்
Branch Manager

14-02-2024	NEFT-BARB-BARBZ24	90000.00	91050.00 Cr
21-03-2024	NEFT-BARB-BARBZ24	90000.00	181050.00 Cr
30-03-2024	NEFT-BARB-BARBV24	90000.00	271050.00 Cr
02-04-2024	270282S RAJA	90000.00	181050.00 Cr
23-04-2024	270283OR S RAJA	90000.00	91050.00 Cr
29-04-2024	270284DR S RAJA	90000.00	1050.00 Cr
04-05-2024	Int.Pd:01-02-2024	760.00	1810.00 Cr





Vishnupriya Benaltraja <vinubiotech28@gmail.com>

Award Letter of Special Call for Short-term Empirical Research 2023-24 (ICSSR-CIS-2023-1395)

1 message

ICSSR <specialcall@icssr.org>
Reply-To: specialcall@icssr.org
To: vinubiotech28@gmail.com

Tue, Aug 29, 2023 at 5:30 PM

Application ID. : ICSSR-CIS-2023-1395

Dear Dr. Vishnupriya,

ICSSR congratulates you on successfully obtaining the award of Research Project under Special Call for Short-term Empirical Research 2023-24 on the basis of recommendations of the Expert Committee.

Title: A Comprehensive Assessment of Start-up Ecosystem among Women Entrepreneurs in North Coimbatore and Nilgiris District in Tamil Nadu

Budget Approved: 500,000/-

Approved Duration of the Project (Months): 6

1st Instalment: 50% of the awarded grant, along with detailed Budget in break-up will be sent along with the Sanction Order of **Rs. 250,000/-**

Please note that this proposal is approved provisionally by the ICSSR and upon fulfillment of eligibility criteria and other conditions, the Sanction Order will be issued after receipt of the below mentioned original documents:

- a. Undertaking (on non-judicial stamp paper of Rs.100/-) (Sample copy given on Dashboard)
- b. Declaration (on non-judicial stamp paper of Rs.100/-) (Sample copy given on Dashboard)
- c. Acceptance of Awarded Project with the Date of Commencement.
- d. Original forwarding Letter duly signed/stamped by statutory authority (Sample copy given on Dashboard)
- e. Grant-in-aid bill (Pre-receipt) duly filled in for the first instalment (Sample copy attached)
- f. 12 B status of the affiliating Institute

You are requested to send all the above-mentioned documents to the undersigned on or before **05-09-2023** to enable us to issue the formal Sanction Order

You are once again required to review the eligibility criteria as per the guidelines of the **Special Call for "Short-term Empirical Research 2023-24"** and ensure that you fulfill all requirements as per the guidelines, both as an individual and as an institution for the individual/collaborative studies.

If you have been awarded a project under any other program of ICSSR, and the Sanction Letter for that project has been issued, you are requested to proceed with the earlier sanction and inform us accordingly. In this situation, the current award will not be considered operational.

If you have already been awarded a project, and the sanction letter has not been issued yet, you may choose between the two awards and clearly inform us which project you would like to proceed with.

All the Payments and Transfers are to be done through Public Financial Management System (PFMS) hence the institution has to open a dedicated account as per the notification of ICSSR (https://www.icssr.org/sites/default/files/important_notice/2019-PFMS-notification.pdf). In case of any issues / problems in execution of PFMS, you may go through the authentic video tutorial available online.

Those Institutions' Bank Account registered under PFMS must ensure that your account is linked with ICSSR Scheme - 0877 at PFMS portal.

You are requested to commence the study within 10 days of the issue of the provisional award letter/mail and



04/06/2024

Indian Council of Social Science Research
Ministry of Education
JNU Institutional Area, Aruna Asaf Ali Marg
New Delhi 110067
Website: www.icssr.org

Dr. Richa Sharma
DD & In-charge (SCD-Division)
Tel # 011-26742140
Email Id: specialcall@icssr.org

SANCTION ORDER

File No: 64/CIS-2023-1395/StrtUpInd/SCD

Date: 29/12/2023

To,
The Principal
Kongunadu Arts and Science College
Coimbatore
Tamil Nadu 641029

Subject: Sanction of Short-term Empirical Research Project (Individual) entitled "A Comprehensive Assessment of Start-up Ecosystem among Women Entrepreneurs in North Coimbatore and Nilgiris District in Tamil Nadu" to Dr. Vishnupriya.

Dear Sir / Madam,

In continuation of the ICSSR's letter of even number dated 11.09.2023 on the above subject, I am directed to convey the sanction of the ICSSR, to the payment of Rs.1,25,000/- as the **Second** instalment for the research project mentioned above. This brings to the total amount released so far of Rs.3,75,000/- to your Institute/University/College from the total sanctioned grant of Rs.5,00,000/.

The grant-in-aid is subject to all the conditions laid down in our letter referred above. The expenditure on this account is debitable to the **Budget Head OH-31 Research Project (Collaborative/Individual) Grants Plan-OH-31)** grant-in-aid for research project.

Yours faithfully,

(Dr. Richa Sharma)
For Member Secretary

Copy to:

1. Dr. Vishnupriya
(Project Director)
PG and Research Department of Biotechnology
Kongunadu Arts and Science College
Coimbatore
Tamil Nadu 641006
2. FA&CAO, ICSSR, New Delhi
3. Record File.

(Dr. Richa Sharma)
For Member Secretary

1. Details of Incubatee:

1.1 Details of the Host Institute (HI)	Amrita Vishwa Vidyapeetham , Amrita Vishwa Vidyapeetham, Amrita Nagar PO, Ettimadai, Coimbatore - 641112, Tamil Nadu , 04222685005 , cir@amrita.edu , 9843946533	1.2 Name of the Business Incubator (BI)	R. Krishnan , Head Entrepreneurship Development , r_krishnan1@cb.amrita.edu , 9841319217
1.3 Category of the Incubatee	Others	1.4 Incubatee Name	Vishnupriya Balasubramaniyam
1.5 State	TAMIL NADU	1.6 District	COIMBATORE
1.7 Email Id	bvishnupriya_bt@kongunaducollege.ac.in	1.8 Mobile Number	9994925042
1.9 Category	OBC	1.10 Gender	Female
1.11 Address	PG and Research Department of Biotechnology, Kongunadu Arts and Science College, Coimbatore.		

2. Details of Idea:

2.1 Title of proposed idea/innovation	Sugar free jelly from the by-product of Beetroot
2.2 Whether the idea involves use of existing intellectual property or not, give brief detail there of	No. The present invention relates to Fiber to sugar free jelly from the by-product of Beetroot. Beetroots and beetroot juice have been associated with numerous health benefits, including improved blood flow and lowers blood pressure. When compare to the beet root flush and crown, peel is having rich phenolic compounds, phytochemicals, antioxidants and betalain. The present invention discloses about beet peel based jelly preparation thereof. This jelly is completely naturally processed and more beneficial to the consumers due to the peel containing a notable amount of dietary fiber, a good source of potassium with the highest betacyanin content providing positive and satisfied insights to the buyers and eaters. This product can be used as a spreader for toast and plain bread as well.
2.3 Briefly explain newness/uniqueness of the innovation	Jelly is the attractive food product and one of the favourite recipes for all ages. In Jelly preparation, peel extract is one of the important components, which is more beneficial to the consumers due to its rich source of biologically active substances. Beet root peel contains rich source of phytochemicals, pigments and antioxidants and higher amount of phenolic compounds. It is a nutraceutical contains natural pigment betacyanin which are the most prominent agents of blood purification, antioxidant, anticancer and anti ageing.
2.4 Concept & Objective	Objectives Development of sugar free natural jelly from Beetroot peel for all ages. To promote it as an additional processing practise among farmers to increase their revenue with scientific background. Concept The proposed concept relates to sugar free jelly from the by-product of Beetroot. When compare to the beet root flesh and crown, peel is having rich phenolic compounds, phytochemicals, antioxidants and betalain. This is an attractive food and one of the favourite recipes for all ages and naturally processed with universal solvent for extraction which facilitates digestion and intestinal transit due to its high-water content. It has been found that conventional beetroot-based jelly products are mixed with the primary ingredient as gelatin and it causes heart burns especially decreasing HDL cholesterol in blood. This issue can be solved through the present idea by providing jelly from the beetroot peel. It will increase the haemoglobin in blood. This jelly is completely naturally processed and more beneficial to the consumers due to the peel containing a notable amount of dietary fiber, a good source of potassium with the highest betacyanin content providing positive and satisfied insights to the buyers and eaters. This product can be used as a spread for toast and plain bread as well.

2.5 Specify the potential areas of application in industry/market in brief	The primary market area for jelly is organic food manufacturing industry where the rising consciousness amongst people for using organic food products. Given the kind of innovation coupled with this rising demand, organic food industry is yet to witness a full-fledged evolution. However, to promote agriculture and hence to increase the revenue of farmers, some other eco friendly co farm practices, like agriculture, vermicomposting, floriculture, the proposed beetroot jelly manufacturing will also be encouraged with scientific background.		
2.6 Briefly provide the market data for the potential idea/ innovation	People have started paying more attention to their health, the nutrient content and quality of the food they eat. According to the report of Market in India - Outlook to 2024 Jams , Jellies Preserves market in India registered a positive compound annual growth rate (CAGR) of 8.24 during the period 2014 to 2019 with a sales value of INR 5,237.85 Million in 2019, an increase of 7.98 over 2018 and proposed many opportunities for new start-ups. The proposed jelly is financially as well as technically feasible. The active compound of Betalains pigment in the peel has antioxidative, anti-inflammation, anticancer, blood pressure and lipid lowering, also anti diabetic and anti-obesity effects. Hence, these products have very good market potential. It's a Healthy choice of eating favourite snack for kids and elders. The rising demand for organic food products and the health benefits has supported the growth of our product in the market.		
2.7 Name and details of Mentors	Dr V Agalya, Professor and Associate Head R D, New Horizon College of Engineering, Bangalore.	2.8 Experience and Qualification of Mentors	ME., Ph.D 19 years
2.9 Contact Details of Mentors	9840986507 , agalya.vetri at the rate gmail.com	2.10 Current Development Status of innovation	Formulation 1 and Formulation 2 of jelly is prepared at different concentration of raw materials. Based on Nutritional and organoleptic evaluation study, F1 formulation is found to be good proportionate. The technology is validated in the lab and the alpha testing was carried out among internal staff and known audience. Diabetic study will be performed under in vitro and in vivo.
2.11 Expected time of completion of idea	In vitro diabetic study of F1 formulation – 0 to 2 Months. In vivo diabetic study of F1 formulation – 2 to 4 Months. Beta testing – 4 to 7 months. Commercialization – 7 to 9 months.	2.12 Idea Theme	Waste to Wealth creation, Circular solutions & waste management
2.13 Idea Sector	Miscellaneous Sector (Environment, Forests, Water & Sanitation; Foods, Beverages, FMCG, Consumer Goods; Infrastructure, Construction, Housing; IT, ITES, Electronics, White Goods, Telecommunication; Metals, Engineering, Machinery, Automation and Transportation, Automotive, E Vehicles, Railways, Aviation, UAV and any other sub-sector)		
3. Financial requirements:			

3.1 Activity-wise break

Particular/Item	Total idea project cost (Rs. In lakh)	Amount GOI assistance (Rs. In lakh)	Incubatee share (Rs. In lakh)
Technology related Expenditure towards machine usage charges etc., Electricity charges, Procurement of raw material , testing/Calibration charges, other charges essential for development of idea Max (10.00) lakh.	10.000	8.500	1.500
Charges for mentor/handholding supporting team Max (3.00) lakh.	3.000	2.550	0.450
Travelling Expenses or any other item not covered as above may be allowed as per need for development of the idea Max (2.00) lakh.	2.000	1.700	0.300
Total	15.000	12.750	2.250

Approved Activity-wise break

Approved By	Approved Date
PMAC	13/07/2023

Particular/Item	Total idea project cost (Rs. In lakh)	Amount GOI assistance (Rs. In lakh)	Incubatee share (Rs. In lakh)
Technology related Expenditure towards machine usage charges etc., Electricity charges, Procurement of raw material , testing/Calibration charges, other charges essential for development of idea Max (10.00) lakh.	10.000	8.500	1.500
Charges for mentor/handholding supporting team Max (3.00) lakh.	3.000	2.550	0.450
Travelling Expenses or any other item not covered as above may be allowed as per need for development of the idea Max (2.00) lakh.	2.000	1.700	0.300
Total	15.000	12.750	2.250

Ref. No.	INC22BTN008899	5. Summary of the idea. This is the section reviewers read to understand the technical solution. Please state the solution clearly. Reviewers may ask: What is the actual technical advancement or improvement provided by this solution?	The present invention relates Fiber to sugar free jelly from the by-product of Beetroot. When compare to the beet root flush and crown, peel is having rich phenolic compounds, phytochemicals, antioxidants and betalain. It has been found that conventional jelly products are mixed with the primary ingredient gelatin, that can cause skin cancer and heart burns especially decreasing HDL cholesterol in blood. This issue can be solved through the present idea by providing jelly from the beetroot peel. This jelly is naturally processed and is beneficial to the consumers, having a good source of potassium with the highest betacyanin content.
6 (a) Is it a new concept?		YES	
(b) Prior art on the concept, if any	Gelatin is a protein made from animal collagen, usually from cows and pigs. Most of the artificial colorants used in food production are carcinogenic in nature. The present invention is making of jelly from beetroot peel. It is a nutraceutical, fully vegan and no added preservatives and colorants.	7. Main Problem Being Addressed in the Project (Every solution targets a certain problem. Please use this section to highlight the specific problem the solution addresses. This section can be as short or as long as needed to describe the precise problem the solution addresses)	commercial jellies contain high amounts of synthetic colorants sugar or high fructose corn syrup that can be detrimental to one's health. Our proposed product is highly health concern, completely naturally processed and more beneficial to the consumers as it contains notable amount of dietary fiber, good source of potassium with the highest betalain content. Provide positive and satisfied insights to the buyers and eaters.
8. Background for getting the idea?			
a. Who is it for?	People of all ages are the customers of our product. Especially, health conscious parents, persons with environmental conscious, patients - Anemic and Obese, hotels, restaurants, schools, café, dessert shop or any other eating point.	b. What will it do?	The proposed Beet jelly is low in fat, sodium and have absolutely no cholesterol and are an important source of many vital nutrients, including dietary fiber, betalain and potassium. It will be the best choice to the children and best confectionery for patients suffering from Anemic and Obese.

c. Any unique features? Explain?	It is a nutraceutical containing natural pigment betacyanin which are the most prominent agents of blood purification, antioxidant, anticancer and anti-ageing. The packaging material will be the biodegradable corn spathe. Natural, healthy, harmless and prominent healthcare benefits.	9. How simple or complex will the idea's execution or implementation be? What are the risk factors involved in executing the idea?	This innovation is financially as well as technically feasible. It requires very little capital to start in small scale. Unlike other food-based businesses, there's minimal infrastructure required even its perfect for women entrepreneurs. It will have good market potential due to the healthy choice of eating favourite snack, even no gelatin. So making Jellies with high nutritive values and maintaining the shelf life are the important risk factors of the product.
10. How soon could the idea be put into operation? (TRL of prototype)	TRL 4 (Technology Validated in Lab) – Assessed by AMRITA - TEC	11. How much investment would you need for prototyping of the Idea?	Rs.33,633/-

12. (a) How do you intend to protect your idea (i.e. your intellectual property or IP)? Status of IPR (If any)	Indian Patent Applied Patent Application Number: 202141025316 Published Date: 11/06/2021 Patent Publication Number: 24/2021	(b) Related Background This section is used to highlight information that can be used by the reviewers or patent attorney to help put the solution in proper context. You can think of this section as something similar to the introduction section of an academic publication. This section is specifically reserved for other people's work (please include competitive work) as well as your past work that you believe will aid the reviewers in understanding the technical landscape. Data related to or supporting your solution should NOT be in this section, it should be in Section III: "How is this Solution Made and Used."	Jellies are becoming very well-liked in the neighbourhood. According to a qualitative review of the markets low-quality jellies dont provide enough nutrients and seem to be quite dangerous for peoples health. In supermarkets, a new product is available for preparing jelly and jam with less sugar. Vegetable gums are used as thickeners, along with preservatives to stop yeast and mould growth and organic acids to moderate acidity.
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13.How is This Project Made and Used: Please describe in as much detail as possible how the innovation is implemented. This includes details on how you actually make, assemble, synthesize, or build the solution and details on how the solution is used once it is made. Reviewers will ask: How does the technical innovation actually work – or – what is the detailed process to achieve the technical innovation? Please help convince the reviewers with supporting statements using as much of the following that is available: your thoughts, logic, supporting literature, and/or experiments.	The powdered beetroot peel and water in ratio 1:5. 10 grams of powder was added to 50ml of distilled water in a conical flask and extraction was carried out with filtration process. Phytochemical analysis of the aqueous extract of the beetroot peel extract is carried out. The ingredients are Honey, beetroot peel extract, palmJaggery, Lemon, castor oil, and turmeric. Finally, beetroot jelly is prepared by mixing beetroot peel extract with various concentrations of honey and natural gelling agent.
Upload Block diagram/ flow chart/ Circuit Diagram/Pictures	View/Download
Uploaded Minutes of the Selection Committee	View/Download

Application Remarks

Action	Date	Status	Remark
--------	------	--------	--------

PMAC	13/Jul/2023 04:14:2 PM	Approved By PMAC	The financial sanction is as approved by the committee in the 4th PMAC meeting. Check your mail and do the needful as instructed on priority basis. This may be treated as most urgent. View/Download
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☒ **I declare that:**

1. I have read the entire scheme guidelines and shall abide by all the requirements stipulated therein for seeking financial assistance.
2. I hereby declare that information given above is true to the best of my Knowledge and that I have not withheld/distorted any material fact.
3. Any information/ documents that may be required to be verified shall be provided immediately before the concerned authority.
4. I hereby declare that I have not availed any financial assistance for this purpose from any other scheme from any Central/ State govt. agency.
5. In case the Idea is approved, Host Institute would undertake to make facilities available to carry out the development arrange for the submission of periodic progress reports and other information that may be required by the Ministry.
6. I certify that the accounts of the funds received and spent will be kept and made available on demand, as per scheme guidelines
7. I certify that the funds will be used only for Idea development as per activities defined in Scheme Guidelines & no funds out of this grant will be utilized for any other activity/production purposes.

MSME Idea Hackathon 2.0 Incubatee
Incubatee Name: Dr. Vishnupriya
Idea No: IDEATN007412

**Idea Name: Sugar free jelly from the by-product
of Beetroot**

Gol Grant	1275000.00
Incubatee share	225000.00
Total Project value	1500000.00
Sanctioned Amount of 70% GOI grant (1st instalment)	892500.00

Sl.No	Particular	Credit	Debit	Balance
I	GOI grant 70%	892500.00		
II.	Category - 1 : Technology Development Charges (70% Grant)	595000.00		
	1. Purchasing raw material (5500+510+1275)		7285.00	
	2. Rental charges for equipment usage		118944.00	
	3. Lab Experimental charges		148500.00	
	Sub Total		274729.00	320271.00
III.	Category - 2 : Mentoring and supporting team Charges (70% Gol grant)	178500.00		
	1. Mentor charges Dr. Agalaya		36000.00	
	2. Supporting team charges - Ms. Preethi (Dec 23 & Jan 24)		31750.00	
	3. Supporting team charges - Mr. Ram Prasad (Dec 23 & Jan 24)		23500.00	
	Sub Total		91250.00	87250.00
IV.	Category - 3 : Travel and other expenses (70% Gol grant)	119000.00		
	Travel expenses		47282.00	
	Contingency - Printing, Stationery (350+1870+250+160)		2630.00	
	Sub Total		49912.00	69088.00
	Utilisation as on 21st Mar, 2024		413261.00	
	Project summary as on 21/03/2024		Balance	476609.00