



**उन्नत भारत अभियान**  
**ग्रामीण विकास एवं प्रौद्योगिकी केंद्र**  
**भारतीय प्रौद्योगिकी संस्थान, दिल्ली**  
हौजखास, नयी दिल्ली- 110016



**UNNAT BHARAT ABHIYAN**  
**INDIAN INSTITUTE OF TECHNOLOGY, DELHI**  
**National Coordinating Institution**

Address: V-405, IIT Delhi Main Rd, Block 5, Hauz Khas, New Delhi, 110016

Tel: +91-11-2659 1121/1157, Fax: +91-11-2659 1121

Email: [unnatbharatabhiyaniitd@gmail.com](mailto:unnatbharatabhiyaniitd@gmail.com)

Date: January 30, 2023

To

**Dr. S.N. Topannavar**

**Hirasugar Institute of Technology, Belagavi, Karnataka**

**Subject:** Financial Sanction of Technical Intervention project (No. RP-03525G) under UBA 2.0

Dear Sir

1. This is to intimate you that Technology Intervention proposals under the category of “**Technology Development**”: Project-No: **RP-03525G** entitled, “**Advanced Community Solar Dryer for Agro Products**” submitted by you under the *Unnat Bharat Abhiyan 2.0 Program*, has been approved by **Sustainable Agriculture System SEG** and funded by the **National Coordinating Institute UBA 2.0 (IIT Delhi)** against **UTR No. – 269545171** vide dated **30-12-2022**.
2. You can use the grant for fulfilling the project objectives under the approved heads as per the proposal, using the established procedure of your institute and as per the UBA guidelines, within 6 months from the date of receiving of funds. Kindly note that the utilization of funds allowed under the head “General Contingency” should not be more than 10% of the total sanctioned fund.

**Note:** TA/ Honorarium is strictly not permitted in this project.

3. Any product/service developed under the sanctioned project must have UBA logo on it.
4. Detailed information of faculty in-charge and students/volunteers, who will be coordinating/ working under the sanctioned project, shall be shared in the project report submitted by your institution.
5. The project implementation location/site shall be selected in consideration with gram panchayat officials/ members.

6. Please take care that the position holders/Panchayat officials shall not be benefitted in person. Also, ensure that the project shall not be controversial in terms of beneficiaries. Selection of beneficiaries shall include the Marginalized communities or EWS Category as well.
7. Few videos and images shall be shared to the SEG Coordinator (for updating the status of the project), also the report shall contain good quality pictures of the project site/product/service and feedback from the villagers/beneficiaries.
8. For the projects related to training camps, awareness, rally etc., the in-charge shall share the material/posters/modules to be used in the villages, for the knowledge of SEG Coordinator and further comments, if any.

You are required to submit the completion report/5-6 photographs/3 min videos of the project within two months after the completion of the project to the competent authority of NCI-IIT Delhi, UBA2.0 cell. Without the submission of the completion report, the opportunity for funding of a new project will not be facilitated.



**Prof. Vivek Kumar**

National SEG Coordinator

Unnat Bharat Abhiyan (UBA 2.0)

National Coordinating Institute

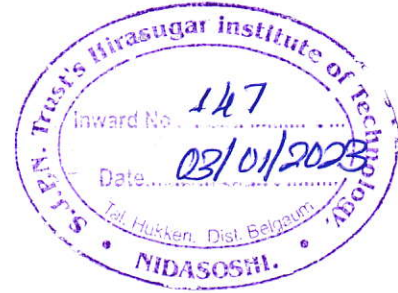
Indian Institute of Technology, Delhi

IRD IIT Delhi  
IIT CAMPUS HAUZ KHAS

PAYMENT ADVICE

To  
THE PRINCIPAL AND CHAIRMAN HIRASUGAR INSTITUTE OF TECHNOLOGY

Dear Sir/Madam,



Details of the transactions initiated through SBI CMP in favour of you are

PAYMENT_INVOICE_FIELDS	VALUES
JOURNAL_NUMBER	269545171
AMOUNT	1,00,000.00
DATE	30-12-2022
LINKAGE_FIELD	
AMOUNT	100000
TAX DEDUCTED	
PROJECT NO	
OUT REF NO	
DATE	
GROSS AMOUNT	100000
TOWARDS	PAYMENT TO PARTICIPATING INSTITUTE WORKING UNDER UBA VIDE GEN28593
BANK NAME	SBI
ACCOUNT NO	31868488488
IFSC CODE	SBIN0040302

Your Bank Account No: 31868488488

Your Bank IFSC Code: SBIN0040302

Please acknowledge receipt of the payment  
For IRD IIT Delhi

Authorised Signatory

This is Computer generated advice and does not require any Signature



Rg SN Toppram  
31/12/22



S.N Topannavar &lt;sntopannavar.mech@hsit.ac.in&gt;

---

**PROJECT PRESENTATION SEG-UBA**

1 message

**Sustainable Agriculture System SEG UBA** <segubaiari@gmail.com>

Thu, Sep 8, 2022 at 2:23 PM

To: ramar@tnfu.ac.in, jbrandhawa2@gmail.com, noor.stphilos@gmail.com, matilda <matildags@yahoo.com>, rrmssosirasa@gmail.com, nss@kce.ac.in, chemphilip27@gmail.com, drbadhunano@gmail.com, snakhtar@iul.ac.in, mathsvcew@gmail.com, srinivasan\_r@sastra.edu, hodcse@dsatm.edu.in, thakarear@rkneec.edu, jenitha@drtit.edu.in, director@glbitm.org, sangheethaa@gmail.com, principalbfcet@babafaridgroup.com, jesnaanver@tistcocin.edu.in, uba@aec.org.in, senthilr@srmsit.edu.in, uba@selvamtech.edu.in, HoD IT <hod-it@srec.ac.in>, rohit.shinde@dypiemr.ac.in, Registrar Brainware University <registrar@brainwareuniversity.ac.in>, sntopannavar.mech@hsit.ac.in, bmansj@gmail.com, rmsasiraja@gmail.com, julie.ajai@gmail.com, rbchoudhary@sasi.ac.in

Dear all,

Greetings!

We take this opportunity to express our heartfelt gratitude for your time and contribution towards SEG-UBA project proposal presentations.

Now, we are organizing presentations under SEG-UBA in next week.

There is an attached file with the final list of total proposals recommended under UBA SEG. Please prepare a presentation and share it with us within 2 days.

We will send you the link of the session soon till then please prepare your presentation and share that with us.

Thanks and Regards  
Aanchal Solanki  
Young Professional  
UBA, IARI, New Delhi.

on Behalf of  
**Dr. B.S.Tomar**  
**JDE & Head (Vegetable science)**  
Project Incharge, UBA  
IARI, New Delhi - 110012



**berief of segubaaug2022.xlsx**  
30K



S.N Topannavar &lt;sntopannavar.mech@hsit.ac.in&gt;

---

**Fwd: SBI CMP ePayment Advice - THE PRINCIPAL AND CHAIRMAN HIRASUGAR INSTITUTE OF TECHNOLOGY**

1 message

---

**Dr.S.C.Kamate Principal,HIT, Nidasoshi(Belagavi)** <principal@hsit.ac.in>  
To: "S.N Topannavar" <sntopannavar.mech@hsit.ac.in>

Sat, Dec 31, 2022 at 1:32 PM

**With Regards****Dr. S. C. Kamate****Professor & Principal****Hirasugar Institute of Technology****NIDASOSHI - 591236****Belgaum Dist, Karnataka, INDIA**

Cell: 9480849331; Phone: 08333-278887; Fax: 08333-278886

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

From: &lt;support.cmpcorp@alerts.sbi.co.in&gt;

Date: Fri, Dec 30, 2022 at 5:24 PM

Subject: SBI CMP ePayment Advice - THE PRINCIPAL AND CHAIRMAN HIRASUGAR INSTITUTE OF TECHNOLOGY

To: &lt;principal@hsit.ac.in&gt;

Cc: &lt;cmpird@iitd.ac.in&gt;

Dear Sir/Madam,

The attached beneficiary payment advice is for the credit to your account . This is issued at the request of our customer. The advice is for your reference only.

Yours faithfully,

SBI CMP Services

(Please do not respond to this email)

**GEN28593 SBI 281222\_CMP00000000582908233.pdf**

2K



## The final list of selected Project Proposals under SEG of Unnat Bharat Abhiyan

Sl No.	PI name and Institute name	AISHE Code	Email	Phone	Title of proposal	Overview of the proposal (please cover key points in 5-6 lines)	Funds requested
1	DR. M. RAMAR, COLLEGE OF FISHERIES ENGINEERING, NAGAPATTINAM	C-56483	ramar@tnfu.ac.in	9894919932	DEVELOPMENT OF EDIBLE PACKAGE TECHNOLOGY FOR FISH SOUP FOR ECONOMIC EMPOWERMENT OF VADAGUDI AND MANJAKOLLAI VILLAGERS	<ul style="list-style-type: none"> <li>Based on the technology already developed by the PI, edible, economical and eco-friendly package will be prepared for packing and selling fish soup powder</li> <li>The developed edible package will serve the need of the villagers for marketing their fish soup powder.</li> <li>This technology is not available in the market. Hence the fish soup with edible package sold by the villagers will attract more customers.</li> <li>To prepare business plan and give wide publicity</li> </ul> <p>Project Justification: Conventionally, soup powders are directly mixed with hot water and boiled for some time to cook the soup. There is no commercial technology available as soup packs similar to tea bags/packs. The PI has already developed edible packaging technology for fish soup powder. By developing this technology and transferring it to the villagers it can empower the village people economically</p>	1,00,000/-
2	DR JASMIRKAUR B RANDHAWA, GOVERNMENT COLLEGE OF ENGINEERING , NAGPUR	C-56586	jbrandhawa2@gmail.com	9403588460	BOILING OF TURMERIC USING HIGH PARABOLIC TROUGH SOLAR COLLECTOR.	<ol style="list-style-type: none"> <li>To boil turmeric using solar energy without the use of traditional wood-fired boilers.</li> <li>To avoid environmental pollution.</li> <li>To eliminate the use of wood.</li> <li>To make the turmeric boiling process pollution-free.</li> <li>To reduce the time required for drying the cured turmeric</li> </ol>	1,00,000/-
3	DR. M. RAMAR, COLLEGE OF FISHERIES ENGINEERING, NAGAPATTINAM	C-56483	ramar@tnfu.ac.in	9894919932	SOLAR INFRARED HYBRID DRYER FOR HYGIENIC PRODUCTION OF DRY FISH	The overall objective of this proposal is to promote the hybrid solar drier for the fishers for hygienic dry fish production and entrepreneurship development of Nagapattinam fisherwomen's/entrepreneurs/SHG's. Fishing is one of the major occupations in the Nagapattinam district. Fishes are dried when the	1,00,000/-



						<p>propose an alternative approach to stubble management in a sustainable manner through in-situ as well as ex-situ composting using bio-decomposers. This would help in reducing environmental burden as well as improving soil health through carbon sequestration.</p> <p>Objectives</p> <ul style="list-style-type: none"> <li>v To prepare the organic fertilizer in-situ and ex-situ by using paddy straw stubble waste and bio-decomposer</li> <li>v To maintain the nutrient quality of the vermicompost as well as soil quality</li> <li>v To conduct hands-on training programme on preparation of vermicompost</li> <li>v Technological development and awareness programme to reduce environmental pollution.</li> <li>v To enhance carbon sequestration by in situ residue management.</li> </ul>	
30	DR.S.N.TOPANNAVAR, HIRASUGAR INSTITUTE OF TECHNOLOGY	C-1409	<a href="mailto:sntopannavar.mech@hsit.ac.in">sntopannavar.mech@hsit.ac.in</a>	9482440235	ADVANCED COMMUNITY SOLAR DRYER FOR AGRO PRODUCTS	<p>Ø To eliminate the unwanted and unpredictable food spoilage of the agro products. Ø To study the characteristics and performance of the solar dryer system with continuous feeding &amp; outlet mechanism. Ø To develop a solar dryer system for quality ensured products. Ø To Design &amp; Develop low cost &amp; Product based Automated (Ardunio Controlled) Solar Cabinet Dryer for the welfare of Farmers &amp; Food Processing Industries. Ø To achieve favorable temperature for various agri-products with different wetness with the help of effective Solar Tracking system.</p>	1,00,000/-



30/12





S.N Topannavar &lt;sntopannavar.mech@hsit.ac.in&gt;

**Fwd: SBI CMP ePayment Advice - THE PRINCIPAL AND CHAIRMAN HIRASUGAR INSTITUTE OF TECHNOLOGY**

1 message

Dr.S.C.Kamate Principal,HIT, Nidasoshi(Belagavi) <principal@hsit.ac.in>  
To: "S.N Topannavar" <sntopannavar.mech@hsit.ac.in>

Sat, Dec 31, 2022 at 1:32 PM

**With Regards****Dr. S. C. Kamate****Professor & Principal****Hirasugar Institute of Technology****NIDASOSHI - 591236****Belgaum Dist, Karnataka, INDIA**

Cell: 9480849331; Phone: 08333-278887; Fax: 08333-278886

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

From: &lt;support.cmpcorp@alerts.sbi.co.in&gt;

Date: Fri, Dec 30, 2022 at 5:24 PM

Subject: SBI CMP ePayment Advice - THE PRINCIPAL AND CHAIRMAN HIRASUGAR INSTITUTE OF TECHNOLOGY

To: &lt;principal@hsit.ac.in&gt;

Cc: &lt;cmpird@iitd.ac.in&gt;


Dear Sir/Madam,

The attached beneficiary payment advice is for the credit to your account . This is issued at the request of our customer. The advice is for your reference only.

Yours faithfully,

SBI CMP Services

(Please do not respond to this email)

 **GEN28593 SBI 281222\_CMP00000000582908233.pdf**

2K







S.N Topannavar &lt;sntopannavar.mech@hsit.ac.in&gt;

**Submission of Presentation PPT of AISHE Code:C-1409- Dr.S.N.Topannavar, PI & Program Coordinator-UBA, Hirasugar Institute of Technology**

1 message

**Dr.S.N.Topannavar** <sntopannavar.mech@hsit.ac.in>  
To: segubaiari@gmail.com

Sat, Sep 10, 2022 at 12:01 PM

Respected sir,  
Ref: Your E-mail dated: 8th September 2022

With reference to the above cited subject and your e-mail, I am herewith submitting the presentation PPT of my proposal in PPT and pdf forms.

I kindly request you to accept and acknowledge the same and do the needful.

Thanking you,

Yours faithfully

-Dr.S.N.Topannavar  
PI & Program Coordinator-UBA  
Dean (R&D) and Professor & Head, Mech. Engg. Dept.  
Hirasugar Institute of Technology  
At/Post:Nidasoshi-591236  
Tal:Hukkeri, Dist Belagavi  
Mobile No.:9482440235

With warm regards

**Dr.S.N.Topannavar**

Dean (Research & Development)  
Professor & Head, Mech. Engg. Dept.  
Hirasugar Institute of Technology  
At/Post:NIDASOSHI,PIN:591 236  
Tal:Hukkeri, Dist:Belagavi, State:Karnataka, INDIA  
Mobile: 9482440235

**2 attachments**

**UBA-Advanced Community Solar Dryer.pptx**  
663K

**UBA-Advanced Community Solar Dryer.pdf**  
892K



Our Project enlisted in page No. 19 of 23  
(enclosed-final selected list)  
Chop.  
10/9/22.

Applied for :	Technology Development
Name of the College/ Institution :	Hirasugar Institute of Technology, Nidasohsi
UBA Coordinator Name :	Dr.S.N.Topannavar
UBA Coordinator mail id :	sntopannavar.mech@hsit.ac.in
UBA Coordinator Contact No :	9482440235
State :	Taluka: Hukkeri Dist: Belagavi Karnataka PIN:591236

## **PROJECT TITLE:ADVANCED COMMUNITY SOLAR DRYER FOR AGRO PRODUCTS**

### **Objectives:**

- To produce spoilage free agro-products for long term storage and export quality.
- To study the characteristics performance of the solar dryer system with continuous and flexible feeding & outlet mechanism.
- To achieve agro-product based optimum dryness and health conscious ingredients.
- To Design & Develop affordable & Product based Automated (Ardunio Controlled) Solar Cabinet Dryer for the welfare of Farmers & Food Processing Industries.
- To achieve favorable temperature for various agro-products with the help of effective Solar Tracking system.

### **Justification for the project:**

#### **i) Problem Statement:**

To study and develop a solar dryer in which the grains are dried continuously by circulating heated air from the solar air heater with the help of manual solar tracking system. The problem of low, medium & large scale processor could be alleviated, if the solar dryer is designed and constructed with the consideration of overcoming the limitation of direct & indirect type of solar dryer. So therefore, this work will be based on importance of a solar dryer which is reliable and economically viable, adoptive design. The controlled drying of the various agro products with the help of the Ardunio controlled parameters. The project will help the farmers to enhance their economy and drying problems of various agro products.

#### **ii) Priority Needs:**

1. The prime priority to the farmer for drying of grains, as they will receive benefit of this.
2. The Second Priority To Food Processing Industries To Increases The Food Quality.
3. Community and APMC level
4. Scaled-up model at Taluka and Zilla Panchayath level

#### **iii) Proposed approach/Technical Intervention/customization:**

- Conducting field surveys to study the technical, commercial and societal parameters.
- Consolidation of recommendations from survey analysis.
- Visited to farm and had conversation with farmers about what problems they are facing.
- And we pointed to main problem which they were facing that was drying of grains.
- We can to know about how farmers dry they grains. They use to dry the grains on road side.
- And then we listed the problems which they were facing Problems like: unpredictable food spoilage, more time consumption & unwanted thing mixing with grains.
- Scale-up of pilot model to the community level

#### **iv) Brief plan of activities and implementation timeline:**

Project starts from March, 2022 :

Month	Weeks	Tasks Completed
March	2 weeks	Conducting field surveys to study the technical, commercial and

		societal parameters. Consolidation of recommendations from survey analysis. To figure out the problem of drying of grains
March	2 weeks	Materials Selection & modelling
April	3weeks	Design Thinking
April-May	4 weeks	Fabrication Work
May-June	5 weeks	Experimentation with Raw materials &Agro-Products
June-July	4 weeks	Analysis, Results & Discussion
August	2 weeks	Conclusion

## Methodology, Materials and Financial Resources:

### Methodology:

The stepwise methodology to complete our Project is as below.

Step 01: Literature and field Surveys to study the technical, commercial and societal parameters, Analysis and Recommendations

Step 02: Defining problem statement of the Project (Title)

Step 03: With the help scope defining objectives

Step 04: Material/Component selection and modelling & design of parts

Step 05: Design thinking process to achieve objectives

Step 06: Assembling and Fabrication

Step 07: Lab and field experiments of pilot model. Experimentation with raw material &Agro-Products

Step 08: Analysis, Results & Discussions and recommendations

Step 09: Feedback from the farmer and market/industry and incorporation

Step 10: Based on the resources Scaling-up/prototyping of the device to the community level and Conclusion/s

### Materials:

Fiber Glass Body, Solar Panel, Blower, Absorber Plate, Orifice meter, Glass Cover, Arduino UNO, Temperature Sensor(DHT11),Trays, Metal Beams For Body Fabrication&Fibre glass For Solar Air Heater.

### Financial Resources:

Budget	Amount in Rs.
a) Materials, Design and Development of Fiber glass body, Solar Panel, Blower, Absorber Plate, Orifice meter, Glass cover, Arduino UNO, Temperature Sensor(DHT11), Trays, Metal Beams For Body Fabrication, Fiber glass For Solar Air Heater.	70000.00
b) FabricationLabor Charge	8000.00
c) Travelling Expenses& Running cost	20000.00
d) Site preparation cost	10000.00
e) Miscellaneous	10000.00
Total cost of the Technology in Rs.	118000.00

### Outcome of the Project:

The expected outcomes of our project are as below:

- Arduinio Controlled agro-product based drying.
- Affordable Cost agro-product Solar based Dryer.
- Increased farmer income by quality product.
- Automated & Product based controlled Drying.
- Quality ensured Products Portable & Movable Farmer Friendly Dryer.

### Proposal in Online Format


Applied for :	Technology Development		
Name of the College/ Institution :	Hirasugar Institute of Technology, Nidasohsi		
UBA Coordinator Name :	Dr.S.N.Topannavar		
UBA Coordinator mail id :	sntopannavar.mech@hsit.ac.in		
UBA Coordinator Contact No :	9482440235		
State :	Taluka: HukkeriDist: BelagaviKarnataka PIN:591236		
SEG Name:	Expert Group (SEG) of IIT Delhi, Rural Energy Systems		
RCI:	IIT Bombay		
AISHE Code of the College:	C-1409		
Adopted Villages are:	Nidasoshi, Ammanagi, Kesti, Borgal&Hattarwat		
Title:	ADVANCED COMMUNITY SOLAR DRYER FOR AGRO PRODUCTS		
Village where it is to be implemented:	Nidasoshi		
Why this technology is required (Objective of the project maximum 200 word):	<ul style="list-style-type: none"> <li>➤ To produce spoilage free agro-products for long term storage and export quality.</li> <li>➤ To study the characteristics performance of the solar dryer system with continuous and flexible feeding &amp; outlet mechanism.</li> <li>➤ To achieve agro-product based optimum dryness and health conscious ingredients.</li> <li>➤ To Design &amp; Develop affordable &amp; Product based Automated (Ardunio Controlled) Solar Cabinet Dryer for the welfare of Farmers &amp; Food Processing Industries.</li> <li>➤ To achieve favorable temperature for various agro-products with the help of effective Solar Tracking system.</li> </ul>		
Total Cost of the Product/Technology:	Budget	Amount	
	a) Materials, Design and Development of Fiber glass body, Solar Panel, Blower, Absorber Plate, Orifice meter, Glass cover, Arduino UNO, Temperature Sensor(DHT11), Trays, Metal Beams For Body Fabrication, Fibre glass For Solar Air Heater.	70000.00	
	b) Fabrication Labor Charge	8000.00	
	c) Travelling Expenses & Running cost	20000.00	
	d) Site preparation cost	10000.00	
	e) Miscellaneous	10000.00	
	Total Cost of the Technology	118000.00	
Fund raised from:	NA		
Describe your role as PI at various stage of the project (max 500 words):	The role of PI is to identify the needs of the village people by carrying out the survey in adopted villages. Based on the need analysis of village people, technically feasible and economically		




	<p>viable system design is proposed for technological development and implementation through procurement of materials and accessories. After designing, testing of the proposed system is done.</p> <p>For smooth and safe operation of the system, necessary awareness with all information related to the project is provided to the beneficiary.</p> <ol style="list-style-type: none"> <li>1. Design and Development Stage: Suitable Human resource mobilization and laboratory supports</li> <li>2. Implementation Stage: Coordination between Gram Panchayat &amp; SEG Members</li> <li>3. Outcome Analysis Stage: Suitable human resource mobilization</li> </ol>
Process of execution of the project:	<p>The stepwise methodology to complete our Project is as below.</p> <p>Step 01: Literature and field Surveys to study the technical, commercial and societal parameters, Analysis and Recommendations</p> <p>Step 02: Defining problem statement of the Project (Title)</p> <p>Step 03: With the help scope defining objectives</p> <p>Step 04: Material/Component selection and modelling &amp; design of parts</p> <p>Step 05: Design thinking process to achieve objectives</p> <p>Step 06: Assembling and Fabrication</p> <p>Step 07: Lab and field experiments of pilot model. Experimentation with raw material &amp; Agro-Products</p> <p>Step 08: Analysis, Results &amp; Discussions and recommendations</p> <p>Step 09: Feedback from the farmer and market/industry and incorporation</p> <p>Step 10: Based on the resources Scaling-up/prototyping of the device to the community level and Conclusion/s</p>
Who are the beneficiaries (ST, SC, OBC, Tribal etc.) and potential impact of technology on the beneficiary and village :	Farmers having less farming land. The socio economic development of village farmers and Gram Panchayat level/Community level and APMC level.
Duration of Project:	12 Months
Role of stake holders in maintaining sustainability after the project duration (please mention point wise role of participating stake holders):	<ol style="list-style-type: none"> <li>1) Solar system related maintenance work</li> <li>2) Acquiring skills to operate automated system</li> <li>3) Suggesting to institute level SEGs for further improvement in design and development</li> <li>4) Addressing the grievances of the farmers and resolving</li> <li>5) Scaling of the project</li> </ol>
Execution of the project along with role of all participating stakeholders (write point wise max 500 words) :	<p>i) Problem Statement:</p> <p>To study and develop a solar dryer in which the grains are dried continuously by circulating heated air from the solar air heater with the help of manual solar tracking system. The problem of low, medium &amp; large scale processor could be alleviated, if the</p>

	<p>solar dryer is designed and constructed with the consideration of overcoming the limitation of direct &amp; indirect type of solar dryer. So therefore, this work will be based on importance of a solar dryer which is reliable and economically viable, adoptive design. The controlled drying of the various agro products with the help of the Arduino controlled parameters. The project will help the farmers to enhance their economy and drying problems of various agro products.</p> <p>ii) Priority Needs:</p> <ol style="list-style-type: none"> <li>1. The prime priority to the farmer for drying of grains, as they will receive benefit of this.</li> <li>2. The Second Priority To Food Processing Industries To Increases The Food Quality.</li> </ol> <p>ii) Proposed approach/Technical Intervention/customization:</p> <ul style="list-style-type: none"> <li>➤ Conducting field surveys to study the technical, commercial and societal parameters.</li> <li>➤ Consolidation of recommendations from survey analysis.</li> <li>➤ Visited to farm and had conversation with farmers about what problems they are facing.</li> <li>➤ And we pointed to main problem which they were facing that was drying of grains.</li> <li>➤ We can to know about how farmers dry they grains. They use to dry the grains on road side.</li> <li>➤ And then we listed the problems which they were facing Problems like: unpredictable food spoilage, more time consumption&amp;unwanted thing mixing with grains.</li> <li>➤ Scale-up of pilot model to the community level</li> </ul>
Impact of this work on learning of students/ teachers:	Resolving the farmers' problems related to their agro products. Using of advanced technology to enhance the value of the agro products. Technology intervention in the agriculture.
Role of PI after completion of the project duration.	<ol style="list-style-type: none"> <li>1) Scaling of the project to reach all need people of the adopted villages</li> <li>2) Preparing DPR to the district level</li> <li>3) Automation for feeding and outlet mechanism to increase productivity</li> <li>4) Steps to increase the performance and efficiency of the project</li> <li>5) Design and development towards increasing the quality of the agro products for exporting.</li> <li>6) Steps towards to add relevant values to the agro products.</li> </ol>
Enter Name and Contact details of students involved in this project:	<p>1. AMIT.P.THORAT E-mail: amitandthorat19@gmail.com Mobile No.:7337722814</p> <p>2.SHWETA.M. KUMBAR Email id:shwetakumbar1999@gmail.com Mobile No.: 8296654234</p> <p>3. AJINKAYKUMAR.S.BHOSALE Email id: bhosaleajinkya41@gmail.com Mobile No.: 6360103570</p>

	4. SHRIDHAR.B.MUDIGOUD Emailid:shridharmudigoud1198@gmail.com Mobile No.: 8105443562
Enter Name and Contact details of peoples those will be involved in this project (From UBA connected / adopted village):	1. Dr.M.M.Shivasimpi (Mobile no.:9742197173) 2. Prof,M,I,Tanodi (Mobile no.:9611998812) 3. Dr.K.M.Akkoli (Mobile no.:9739114856) 4. Prof.D.N.Inamdar (Mobile no.:9591208980)

  
Dr. S.N.Topannavar  
Principal Investigator



  
Dr.S.N.Topannavar  
UBA Program Coordinator



S J P N Trust's

Hirasugar Institute of Technology, Nidasoshi.

**UNNAT BHARAT ABHIYAN**

➤ **MEETING REGISTER**

**Deluxe Long Book**



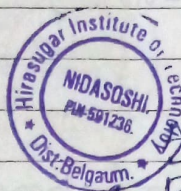
## UBA MEETING - 03

Reference No: HSIT/NDs/UBA-Meeting-03/2021-22

Date: 04.02.2022

A meeting of Subject Expert Group (SEG) members has conveyed on 04.02.2022 in the seminar hall at 3.00 PM.

The agenda of the meeting are as follows:



### AGENDA:

1. Briefing of Meeting-02 Proceedings and implementation.
2. Review of village and household survey reports.
3. Preparation of SEG proposals for "Technology Development" and "Technology Customization".
4. Any other subjects with permission of chair.

### PROCEEDINGS:

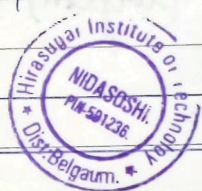
1. The minutes of the previous meetings are reviewed and discussed and it is decided to make a list of members of Subject Expert Groups (SEGs) based on the multidisciplinary and problem solving abilities. The Proposed composition is: Principal, All HODs, Department Project Co-ordinators, village & household survey co-ordinators and Frontline UBA volunteers (staff & students).
2. The reports of household survey co-ordinators and village surveys conducted in the adopted villages are reviewed. The possible solutions for the problems and recommendations are discussed. It is decided to study the best and suitable projects of the student (current & previous).
3. With reference to the e-mail on 30th Jan 2022 from Prof. Veerendra K. Vijay, National co-ordinator, Unnat Bharat Abhiyan, Program of Ministry of Education, GoI for Technology proposal submission under UBA-SEGs, the all staff and students are invited through mail to submit their proposal in the prescribed format with detailed procedure & due dates and



department wise HOD and project co-ordinator level awareness has been conducted. Based on the expression of interest shown by the staff and students to prepare technology proposals for holistic development of the adopted villages, they are called in this meeting as "SECs members". It is decided to submit proposals for Customized Technology and Technology development.

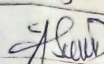






4. The village & Household survey co-ordinators and frontline WBA volunteers are requested to collect the useful information and documents from the adopted village Gram Panchayats (GPs).

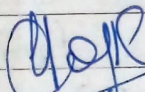
The following Subject Expert Group members are present during the meeting.



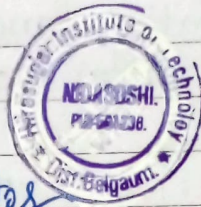
S.No.	Name	Designation	Sign.
01.	Dr. S. C. Kamate	Principal	
02.	Dr. S. N. Topannaras	WBA - Program co-ordinator & HOD, ME	
03	Dr. B. Y. Madiggond	HOD, EEE	
04	Dr. S. B. Akkole	HOD, ECE	
05	Prof. S. V. Manjaragi	HOD, CSE	
06	Prof. S. S. Patil	NSS Program Officer	
07	Prof. M. T. Tanode	WBA - Survey co-ordinator - Nidasoshi Project co-ordinator, MED	
08	Prof. Mahesh. Yanagimath	Project co-ordinator - FEED	
09	Prof. D. B. Madihalli	WBA - Survey co-ordinator - Kesti	
10	Prof. Sujata. Kamate	Project co-ordinator - ECED	
11	Dr. R. R. Maggar	Frontline staff volunteer, ECED	
12	Dr. Mahesh. Huddar	WBA - Survey co-ordinator - Kesti & Project co-ordinator - CSED	
13	Dr. K. M. Akkole	WBA - Survey co-ordinator - Annasaheb	
14	Prof. S. A. Goudach	WBA - Survey co-ordinator - Borsay	
15	Mr. Amit. Therat & team	Frontline student volunteer, MED	
16	Miss. Teju. Nigamur & team	Frontline student volunteer, ECED	
17	Mr. Kunal. Mane & Team	Frontline student volunteer, FEED	
18	Mr. Kaashim Takat	Frontline student volunteer, CSED	
19	Sri. Bardol. R. S.	Frontline staff volunteer, FEED	
20	Sri. G. B. Dodagondas	Frontline staff volunteer, 1 year	
21.	Sri S. B. Sarwadi	WBA - Survey co-ordinator - Hattarnat	

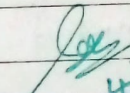


S.No.	Name	Designation	Sign.
22.	Sh. A. B. Sankeshwar	Frontline staff volunteers, MED	
23.	Smt. Savitri. H. Baykud	Panchayat Development officer, Nidasoshi	
24.	Sh. Eopal. D. Karoshi	Panchayat Development officer, Ammanagi	
25.	Sh. S. J. Suryavanshi	Panchayat Development officer, Keshi	
26.	Sh. B. B. Alagawth	Panchayat Development officer, Boraga	
27.	Sh. Prabhu. Channur	Panchayat Development officer, Hatarnat	
28.	Miss. Joya Kadakole & Team	Frontline student Volunteers, ECED	

  
04/02/2022

(Dr. S. N. Popannavar)  
LBA. Program Coordinator



  
4/2  
**PRINCIPAL**  
Hirasugar Institute of Technology  
Nidasoshi- 591 236



S J P N Trust's

**Hirasugar Institute of Technology, Nidasoshi**

Approved by AICTE, Recognized by Govt. of Karnataka and Affiliated to VTU Belagavi.

**Accredited at 'A' Grade by NAAC****Programmes Accredited by NBA: CSE, ECE, EEE & ME**

Institute

Social Activities

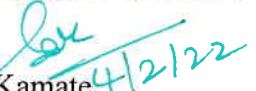
UBA

AY:2021-22

**Unnat Bharat Abhiyan (UBA)****Subject Expert Group (SEG) Members**(Ref: UBA Meeting No-03 No.:HSIT/NDS/UBA-Meeting-03/2021-22. Dated: 4<sup>th</sup> Feb. 2022)

S.N.	Name	Designation	Signature
1	Dr.S.C.Kamate	Principal	
2	Dr.S.N.Topannavar	UBA-Program Coordinator & Head of the Department-ME	
3	Dr. B.V.Madiggond	Head of the Department-EEE	
4	Dr. S.B.Akkole	Head of the Department -ECE	
5	Prof.S.V.Manjaragi	Head of the Department -CSE	
6	Prof.S.S.Patil	NSS Program Officer	
7	Prof.M.I.Tanodi	UBA-Survey Coordinator-Nidasoshi & Project Coordinator, MED & Institute KSCST/VTU project coordinator	
8	Prof.Mahesh Yanagimath	Project Coordinator-EEED	
9	Prof.D.B.Madhihalli	UBA-Survey Coordinator-Kesti	
10	Prof.Sujata Kamate	Project Coordinator-ECED	
11	Dr.R.R.Maggave	Frontline Staff Volunteer, ECED	
12	Dr.Mahesh Huddar	UBA-Survey Coordinator-Kesti & Project Coordinator-CSED	
13	Dr.K.M.Akkoli	UBA-Survey Coordinator-Ammanagi	
14	Sri.S.B.Sarwadi	UBA-Survey Coordinator-Hattarwat	
15	Prof.S.A.Goudadi	UBA-Survey Coordinator-Borgal	
16	Mr.Amit Thorat & Team	Frontline Student Volunteer, MED	
17	Miss. Teju Niganure & Team	Frontline Student Volunteer, ECED	
18	Mr. Kunal Mane & Team	Frontline Student Volunteer, EEED	
19	Mr. Kasim Jakati	Frontline Student Volunteer, CSED	
20	Sri.Bardol R.S.	Frontline Staff Volunteer, EEED	
21	Sri.G.B.Dodagoudar	Frontline Staff Volunteer, 1 <sup>st</sup> Year Dept.	
22	Sri.A.B.Sankeshwari	Frontline Staff Volunteer, MED	
23	Smt.Savitri H.Baykud	Panchayat Development Officer, Nidasoshi	
24	Sri.Gopal D. Karoshi	Panchayat Development Officer, Ammanagi	
25	Sri.S.J.Suryvanshi	Panchayat Development Officer, Kesti	
26	Sri.D.B.Alagrowth	Panchayat Development Officer, Borgal	
27	Sri. Prabhu Channur	Panchayat Development Officer, Hattarwat	
28	Miss. Priya Kadakol & Team	Frontline Student Volunteer, ECED	

  
 Dr.S.N.Topannavar  
 UBA Program Coordinator

  
 Dr.S.C.Kamate  
 Principal  
**PRINCIPAL**  
 Hirasugar Institute of Technology  
 Nidasoshi- 591 236





S.N Topannavar &lt;sntopannavar.mech@hsit.ac.in&gt;

---

**Sanction letters for SEG approved interventions under UBA Phase 2.0**

1 message

**Unnat Bharat Abhiyan** <unnatbharatabhiyaniitd@gmail.com>

Tue, Jan 31, 2023 at 11:06 AM

To: "Dr.S.N.Topannavar" &lt;sntopannavar.mech@hsit.ac.in&gt;

Cc: Vivek Kumar &lt;vivekk@rdat.iitd.ac.in&gt;, meenakshi uba &lt;meenakshi.uba@gmail.com&gt;, Sustainable Agriculture System SEG UBA &lt;segubaiari@gmail.com&gt;, AANCHAL SOLANKI &lt;aanchalshivsolanki@gmail.com&gt;

Dear Dr. Topannavar

Greetings from Unnat Bharat Abhiyan !

This is in regard to SEG proposal submitted by you for funding from Unnat Bharat Abhiyan (UBA) to work for the rural population. The technology development proposal submitted by you under UBA-SEGs has been funded under SEG: Sustainable Agriculture System. Please find attached the sanction letter for the same.

You are requested to work on proposed proposals and share the progress report quarterly. Kindly submit the final report and UC&SoE of the project upon completion of the project.

**Best Regards**

Dr. Meenakshi Choudhary  
Senior Project Scientist  
Unnat Bharat Abhiyan, IIT Delhi

*On behalf of*

Prof. Vivek Kumar  
Coordinator, Subject Expert Groups, UBA  
Member Secretary, NSEAC, UBA  
Indian Institute of Technology Delhi  
Hauz Khas, New Delhi

--

--

With Regards,

**Prof. Virendra K Vijay**  
**National Coordinator - Unnat Bharat Abhiyan**  
**Flagship Program of Ministry of Education (MoE), GoI**  
Centre for Rural Development and Technology,  
Indian Institute of Technology Delhi  
Hauz Khas, New Delhi - 110016  
Phone: +91-11-26596451, 26596351  
**Email:** [unnatbharatabhiyaniitd@gmail.com](mailto:unnatbharatabhiyaniitd@gmail.com),  
[vkvijay@rdat.iitd.ac.in](mailto:vkvijay@rdat.iitd.ac.in)  
**Website:** <http://unnatbharatabhiyan.gov.in>  
**Facebook:** <https://m.facebook.com/unnatbharatabhiyaniitd>  
**Twitter:** [https://twitter.com/Unnatbharat\\_Tw](https://twitter.com/Unnatbharat_Tw)  
**Instagram:** [https://www.instagram.com/unnatbharatabhiyan\\_uba/](https://www.instagram.com/unnatbharatabhiyan_uba/)  
**Telegram:** <https://t.me/UnnatBharatAbhiyan>  
**LinkedIn:** <https://www.linkedin.com/company/unnat-bharat-abhiyan/mycompany/>  
**YouTube:** <https://www.youtube.com/c/UnnatBharatAbhiyan>

**11 Sanction SEG proposal Agri 2022.pdf**

530K