



# VIMAL JYOTHI ENGINEERING COLLEGE

**JYOTHI NAGAR, CHEMPERI – 670632, KANNUR, KERELA**

Affiliated to APJ Abdul Kalam Technological University, Approved by AICTE  
ISO 9001 : 2015 Certified | Accredited by Institution of Engineers (India), NBA, NAAC  
Ph: 0490 2212240, 2213399 Email: office@vjec.ac.in Website: www.vjec.ac.in

NAAC Cycle 2

Criterion: 3.2.1

# UBA Thrive a Community Development Activity





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NAAC Cycle 2

Criterion: 3.2.1

# UBA Projects and Funding Details





# उन्नत भारत अभियान UNNAT BHARAT ABHIYAN

शिक्षित भारत-स्वस्थ भारत- स्वच्छ भारत- स्वावलंबी भारत- संपन्न भारत



उन्नत भारत अभियान  
UNNAT BHARAT ABHIYAN



Your Proposal is Submitted Successfully.

Please find the details below for your future reference.

Proposal ID:- .C-43798/KL/KNU/RLED/1LAKH/1

Category:- Technology Development

Title:- Feral swine thrusting mechanism

You Proposal is received at Category (Rural Livelihood and Entrepreneurship Development) SEG (NCI .) and it is under review.

Sincerely,

Unnat Bharat Abhiyan Team.

National Coordinating Institute IIT Delhi.

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[www.unnatbharatabhiyan.gov.in](http://www.unnatbharatabhiyan.gov.in)





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



**UNNAT BHARAT ABHIYAN**  
CENTRE FOR RURAL DEVELOPMENT AND TECHNOLOGY  
**INDIAN INSTITUTE OF TECHNOLOGY, DELHI**  
Hauz Khas, New Delhi – 110016  
Website: <http://unnat.iitd.ac.in>

**Prof. Virendra K. Vijay**  
Coordinator, UBA  
IREDA Chair Professor & Head, CRDT

Tel : +91-11-2659 1121/1157(O)  
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Email: [unnatbharatabhiyaniitd@gmail.com](mailto:unnatbharatabhiyaniitd@gmail.com)  
[vkvijay@rdat.iitd.ac.in](mailto:vkvijay@rdat.iitd.ac.in)

Date: May 17, 2022

To,

Dr. Rajeshwari Chatterjee And Dr. RAJEEV KUMAR

Birla Institute of Technology, Mesra

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY DEVELOPMENT": Project-No: **RP-03525G** entitled, "**Setting up of a small-scale pilot plant for production of organic compost from kitchen waste and dry leaves.**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Capacity Building, Strategy for Convergence and Implementation of Various Govt. Schemes SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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/3mins 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. V. K. Vijay**

National Coordinator

Unnat Bharat Abhiyan (UBA 2.0)

National Coordinating Institute

Indian Institute of Technology Delhi





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[vkvijay@rdat.iitd.ac.in](mailto:vkvijay@rdat.iitd.ac.in),

Date: May 17, 2022

To,

DR. PAPIYA DUTTA And Dr. Angshuman Dutta

University of Science & Technology Meghalaya

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY DEVELOPMENT": Project-No: **RP-03525G** entitled, "**Income Generation through Low-Cost Agri Technology**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Capacity Building, Strategy for Convergence and Implementation of Various Govt. Schemes SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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/3mins 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. V. K. Vijay**

National Coordinator

Unnat Bharat Abhiyan (UBA 2.0)

National Coordinating Institute

Indian Institute of Technology Delhi





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[vkvijay@rdat.iitd.ac.in](mailto:vkvijay@rdat.iitd.ac.in)

Date: May 17, 2022

To,

Dr. Kannadhasam And MRS.G.KARTHIGAI PRIYA

C-26814 SOLAMALAI COLLEGE OF ENGINEERING

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY DEVELOPMENT": Project-No: **RP-03525G** entitled, "**Virtual Reality and Augmented Reality to enhance learning outcomes among Primary School Children**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Capacity Building, Strategy for Convergence and Implementation of Various Govt. Schemes SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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 3 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.

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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/3mins 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. V. K. Vijay**

National Coordinator

Unnat Bharat Abhiyan (UBA 2.0)

National Coordinating Institute

Indian Institute of Technology Delhi





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[vkvijay@rdat.iitd.ac.in](mailto:vkvijay@rdat.iitd.ac.in)

Date: May 17, 2022

To,

DR. MANISH ACHELIYA And Dr. Sadashiv Lawange

Padm. Dr. V. B. Kolte College Of Engineering

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY DEVELOPMENT": Project-No: **RP-03525G** entitled, "**DESIGN AND FABRICATION OF PHOTOVOLTAIC-THERMAL (PVT) SINGLE SLOPE SOLAR DRYER FOR DRYING OF FRIED POTATO AND BANANA WAFERS**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Rural Energy Systems SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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 3 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.

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**Prof. V. K. Vijay**

National Coordinator

Unnat Bharat Abhiyan (UBA 2.0)

National Coordinating Institute

Indian Institute of Technology Delhi



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[vkvijay@rdat.iitd.ac.in](mailto:vkvijay@rdat.iitd.ac.in),

Date: May 17, 2022

To,

Dr Sanath Kumar Mukherjee And Dr. Rajeev Kumar

Birla Institute of Technology Mesra Ranchi

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY DEVELOPMENT": Project-No: **RP-03525G** entitled, "**SETTING UP OF A SMALL-SCALE PILOT PLANT FOR PRODUCTION OF BIODIESEL FROM INDIGENOUS PLANT.**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Rural Energy Systems SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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.

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National Coordinator

Unnat Bharat Abhiyan (UBA 2.0)

National Coordinating Institute

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[vkvijay@rdat.iitd.ac.in](mailto:vkvijay@rdat.iitd.ac.in)

Date: May 17, 2022

To,

Dr Richa Pandey And Dr. Rajeev Kumar

Birla Institute of Technology Mesra Ranchi

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY DEVELOPMENT": Project-No: **RP-03525G** entitled, "**DESIGN AND FABRICATION OF BELLOW TYPE BIOGAS PLANT**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Rural Energy Systems SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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.

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**Prof. V. K. Vijay**

National Coordinator  
Unnat Bharat Abhiyan (UBA 2.0)  
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[vkvijay@rdat.iitd.ac.in](mailto:vkvijay@rdat.iitd.ac.in),

Date: May 17, 2022

To,

Dr. Subavathy And DR.SR.KULANDAI THERESE

St.Mary's College (Autonomous), Thoothukudi

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY DEVELOPMENT": Project-No: **RP-03525G** entitled, "**PROSPECTING OF FISHERY RESOURCES INTO VALUE ADDED PRODUCTS**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Sustainable Agriculture Systems SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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 3 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.

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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/3mins 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. V. K. Vijay**

National Coordinator  
Unnat Bharat Abhiyan (UBA 2.0)  
National Coordinating Institute  
Indian Institute of Technology Delhi





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Coordinator, UBA  
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[vkvijay@rdat.iitd.ac.in](mailto:vkvijay@rdat.iitd.ac.in)

Date: May 17, 2022

To,

Dr. Y Hari Prasad And MR. S. KIRAN SANTHOSH KUMAR

PALAR AGRICULTURAL COLLEGE

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY DEVELOPMENT": Project-No: RP-03525G entitled, "**BIO TRANSFORMATION OF ORGANIC WASTES INTO PROTEIN RICH ANIMAL FEED AND FERTILE MANURE WITH BLACK SOLDIER FLY (BSF) HERMETIA ILLUCENS (L.)**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Sustainable Agriculture Systems SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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/3mins 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. V. K. Vijay**

National Coordinator

Unnat Bharat Abhiyan (UBA 2.0)

National Coordinating Institute

Indian Institute of Technology Delhi



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[vkvijay@rdat.iitd.ac.in](mailto:vkvijay@rdat.iitd.ac.in)

Date: May 17, 2022

To,

Dr. Jyothy Thomas And DR VICTOR PAUL

Christ University

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY DEVELOPMENT": Project-No: **RP-03525G** entitled, "**SMART FARMING – MOBILE APPLICATION FOR EARLY PLANT DISEASE IDENTIFICATION**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Sustainable Agriculture Systems SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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/3mins 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. V. K. Vijay**

National Coordinator

Unnat Bharat Abhiyan (UBA 2.0)

National Coordinating Institute

Indian Institute of Technology Delhi





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[vkvijay@rdat.iitd.ac.in](mailto:vkvijay@rdat.iitd.ac.in)

Date: May 17, 2022

To,

Dr. Pradip Kumar And PROF. PRADIP LINGFA

North Eastern Regional Institute of Science and Technology

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY DEVELOPMENT": Project-No: **RP-03525G** entitled, "**MULTIPLICATION OF TRICHODERMA HARZIANUM IN AGRO WASTE FOR PRODUCTION OF BIO FERTILIZERS**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Sustainable Agriculture Systems SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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 3 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/3mins 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. V. K. Vijay**

National Coordinator

Unnat Bharat Abhiyan (UBA 2.0)

National Coordinating Institute

Indian Institute of Technology Delhi



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[vkvijay@rdat.iitd.ac.in](mailto:vkvijay@rdat.iitd.ac.in)

Date: May 17, 2022

To,

Prof. S L Sharma And DR SHILPI KHANDELWAL

JAGANNATH UNIVERSITY JAIPUR

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY DEVELOPMENT": Project-No: RP-03525G entitled, "A STUDY ON ORGANIC FARMING FOR INCREASING AND SUSTAINING PRODUCTIVITY OF CLUSTER BEAN (CYAMOPSIS TETRAGONOLOBA (L.)(TAUB) IN RAINFED AREAS OF SEMI-ARID EASTERN PLAIN ZONE OF RAJASTHAN" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Sustainable Agriculture Systems SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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/3mins 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. V. K. Vijay**

National Coordinator

Unnat Bharat Abhiyan (UBA 2.0)

National Coordinating Institute

Indian Institute of Technology Delhi





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[vkvijay@rdat.iitd.ac.in](mailto:vkvijay@rdat.iitd.ac.in)

Date: May 17, 2022

To,

Dr. K. SATHIS KUMAR And MR.P. SASIKUMAR

VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN (AUTONOMOUS)

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY DEVELOPMENT": Project-No: **RP-03525G** entitled, "**SILAGE MAKING**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Sustainable Agriculture Systems SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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/3mins 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. V. K. Vijay**

National Coordinator  
Unnat Bharat Abhiyan (UBA 2.0)  
National Coordinating Institute  
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[vkvijay@rdat.iitd.ac.in](mailto:vkvijay@rdat.iitd.ac.in),

Date: May 17, 2022

To,

Dr. D Kesavan And DR. M. RAMAR

COLLEGE OF FISHERIES ENGINEERING, NAGAPATTINAM

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY DEVELOPMENT": Project-No: **RP-03525G** entitled, "**POCKET-SIZE DEVICE FOR WATER QUALITY ASSESSMENT IN AQUACULTURE/POND**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Sustainable Agriculture Systems SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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/3mins 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. V. K. Vijay**

National Coordinator

Unnat Bharat Abhiyan (UBA 2.0)

National Coordinating Institute

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Date: May 17, 2022

To,

Dr. Prashant Tayade And DR. S. K. SONI

Jawaharlal Darda Institute of Engineering & Technology, Yavatmal, M.S., India

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY DEVELOPMENT": Project-No: **RP-03525G** entitled, "**COW URINE DISTILLATION PLANT FOR VILLAGERS**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Sustainable Agriculture Systems SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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/3mins 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. V. K. Vijay**

National Coordinator  
Unnat Bharat Abhiyan (UBA 2.0)  
National Coordinating Institute  
Indian Institute of Technology Delhi





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[vkvijay@rdat.iitd.ac.in](mailto:vkvijay@rdat.iitd.ac.in)

Date: May 17, 2022

To,

Mr. Polkam Mossang And DR. REMWANG RERA

Rang Frah Government College

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY DEVELOPMENT": Project-No: **RP-03525G** entitled, "**OYSTER MUSHROOM CULTIVATION**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Sustainable Agriculture Systems SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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 2 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/3mins 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. V. K. Vijay**

National Coordinator  
Unnat Bharat Abhiyan (UBA 2.0)  
National Coordinating Institute  
Indian Institute of Technology Delhi



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**Prof. Virendra K. Vijay**  
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[vkvijay@rdat.iitd.ac.in](mailto:vkvijay@rdat.iitd.ac.in)

Date: May 17, 2022

To,

Dr. Prabha And MR.D.MURALIDHARAN

Sri Sai Ram Institute of Technology

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY DEVELOPMENT": Project-No: **RP-03525G** entitled, "**SOLAR POWERED SMART IRRIGATION SYSTEM**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Sustainable Agriculture Systems SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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 4 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/3mins 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. V. K. Vijay**

National Coordinator

Unnat Bharat Abhiyan (UBA 2.0)

National Coordinating Institute

Indian Institute of Technology Delhi



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[vkvijay@rdat.iitd.ac.in](mailto:vkvijay@rdat.iitd.ac.in)

Date: May 17, 2022

To,

Dr. Sandeep Kore And PROF. DEVIKA VERMA

Vishwakarma Institute of Information Technology , Pune

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY DEVELOPMENT": Project-No: **RP-03525G** entitled, "**DESIGN, DEVELOPMENT AND MANUFACTURING OF RICE DE-HUSKING MACHINE AS PER REQUIREMENT OF VILLAGE**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Sustainable Agriculture Systems SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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/3mins 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. V. K. Vijay**

National Coordinator

Unnat Bharat Abhiyan (UBA 2.0)

National Coordinating Institute

Indian Institute of Technology Delhi





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[vkvijay@rdat.iitd.ac.in](mailto:vkvijay@rdat.iitd.ac.in),

Date: May 17, 2022

To,

Phone out of service And DR.SANGHEETHAA S

Vedavyasa Institute of Technology

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY DEVELOPMENT": Project-No: **RP-03525G** entitled, "**SETTING UP A MODEL VERTICAL INTEGRATED PASTURING (VIP) FARMING SYSTEM.**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Sustainable Agriculture Systems SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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 2 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/3mins 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. V. K. Vijay**

National Coordinator

Unnat Bharat Abhiyan (UBA 2.0)

National Coordinating Institute

Indian Institute of Technology Delhi



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[vkvijay@rdat.iitd.ac.in](mailto:vkvijay@rdat.iitd.ac.in),

Date: May 17, 2022

To,

DR. NEERAJ SHARMA And DR. SANJEEV KUMAR

Graphic Era(Deemed to be University), Dehradun

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY DEVELOPMENT": Project-No: **RP-03525G** entitled, "**CROP RECOMMENDATION SYSTEM FOR SELECT VILLAGES IN UTTARAKHAND AGRO-CLIMATIC ZONE**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Sustainable Agriculture Systems SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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/3mins 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. V. K. Vijay**

National Coordinator

Unnat Bharat Abhiyan (UBA 2.0)

National Coordinating Institute

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[vkvijay@rdat.iitd.ac.in](mailto:vkvijay@rdat.iitd.ac.in)

Date: May 17, 2022

To,

Dr. Samarjit Roy And DR. MAHUA PAL

Brainware University

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY DEVELOPMENT": Project-No: **RP-03525G** entitled, "**PRODUCTION OF VERMICOMPOSTING USING ORGANIC SUBSTANCES**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Sustainable Agriculture Systems SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).
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/3mins 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. V. K. Vijay**

National Coordinator  
Unnat Bharat Abhiyan (UBA 2.0)  
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[vkvijay@rdat.iitd.ac.in](mailto:vkvijay@rdat.iitd.ac.in)

Date: May 17, 2022

To,

NR And Prof. M.Berchmans

St.Joseph's College, Tiruchirappalli-620002

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY DEVELOPMENT": Project-No: **RP-03525G** entitled, "**Design of Small-Scale Windmill to Run Low- Power Devices**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Rural Infrastructure SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).
  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/3mins 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. V. K. Vijay**

National Coordinator  
Unnat Bharat Abhiyan (UBA 2.0)  
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[vkvijay@rdat.iitd.ac.in](mailto:vkvijay@rdat.iitd.ac.in)

Date: May 17, 2022

To,

Mr.M.Vinoth Kumar And Mrs.S.KAVITHA

M.A.M.College of Engineering & Technology

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY DEVELOPMENT": Project-No: **RP-03525G** entitled, "**IOT based Automatic Waste Management System**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Rural Infrastructure SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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.

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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/3mins 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. V. K. Vijay**

National Coordinator  
Unnat Bharat Abhiyan (UBA 2.0)  
National Coordinating Institute  
Indian Institute of Technology Delhi



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[vkvijay@rdat.iitd.ac.in](mailto:vkvijay@rdat.iitd.ac.in)

Date: May 17, 2022

To,

Dr. Sanjiv Sharma And Dr. Manpreet Kaur

BABA BANDA SINGH BAHADUR ENGINEERING COLLEGE

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY DEVELOPMENT": Project-No: **RP-03525G** entitled, "**Design and fabrication of Rain Water Harvesting (RWH) Unit**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Rural Infrastructure SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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.

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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/3mins 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. V. K. Vijay**

National Coordinator  
Unnat Bharat Abhiyan (UBA 2.0)  
National Coordinating Institute  
Indian Institute of Technology Delhi





**उन्नत भारत अभियान**  
ग्रामीण विकास एवं प्रौद्योगिकी केंद्र  
**भारतीय प्रौद्योगिकी संस्थान, दिल्ली**  
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**Prof. Virendra K. Vijay**  
Coordinator, UBA  
IREDA Chair Professor & Head, CRDT

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[vkvijay@rdat.iitd.ac.in](mailto:vkvijay@rdat.iitd.ac.in),

Date: May 17, 2022

To,

Dr. USHA ASWATHAIAH And Dr. Asha M Nair

CMR Institute of Technology, Bangalore- 560037

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY DEVELOPMENT": Project-No: **RP-03525G** entitled, "**DRIP IRRIGATION SYSTEM BY USING EXISTING WATER SOURCE FOR AGRICULTURAL LAND**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Rural Infrastructure SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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/3mins 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. V. K. Vijay**

National Coordinator

Unnat Bharat Abhiyan (UBA 2.0)

National Coordinating Institute

Indian Institute of Technology Delhi



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[vkvijay@rdat.iitd.ac.in](mailto:vkvijay@rdat.iitd.ac.in)

Date: May 17, 2022

To,

Dr. USHA ASWATHAIAH And Dr. P Meena

PSGR Krishnammal College for Women

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY DEVELOPMENT": Project-No: **RP-03525G** entitled, "**Solar Power Enabled Smart Irrigation System with Automatic Sun Tracker**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Rural Infrastructure SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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.

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**Prof. V. K. Vijay**

National Coordinator

Unnat Bharat Abhiyan (UBA 2.0)

National Coordinating Institute

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[vkvijay@rdat.iitd.ac.in](mailto:vkvijay@rdat.iitd.ac.in)

Date: May 17, 2022

To,

Dr T Narasimhulu And Dr Satyanarayan K

ANITS

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY DEVELOPMENT": Project-No: **RP-03525G** entitled, "**Eco-friendly illumination of street lights using solar cell-based LED lights**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Rural Infrastructure SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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.

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**Prof. V. K. Vijay**

National Coordinator  
Unnat Bharat Abhiyan (UBA 2.0)  
National Coordinating Institute  
Indian Institute of Technology Delhi



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[vkvijay@rdat.iitd.ac.in](mailto:vkvijay@rdat.iitd.ac.in)

Date: May 16, 2022

To,

DR. M.SENTHAMIL SELVI  
Sri Ramakrishna Engineering College

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY CUSTOMIZATION" Project-No: **RP-03525G** entitled, "**Solar Cooking Campaign - Empowering young Rural and Tribal community with Solar Cookers**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Capacity Building, Strategy for Convergence and Implementation of Various Govt. Schemes SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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.

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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.

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Unnat Bharat Abhiyan (UBA 2.0)  
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[vkvijay@rdat.iitd.ac.in](mailto:vkvijay@rdat.iitd.ac.in)

Date: May 16, 2022

To,

DR. P RAMA KOTESWARA RAO  
NRI College of Pharmacy

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY DEVELOPMENT" Project-No: **RP-03525G** entitled, "**Automated Hydroponic Forming with optimal Resources for landless poor**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Capacity Building, Strategy for Convergence and Implementation of Various Govt. Schemes SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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.

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**Prof. V. K. Vijay**

National Coordinator  
Unnat Bharat Abhiyan (UBA 2.0)  
National Coordinating Institute  
Indian Institute of Technology Delhi



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[vkvijay@rdat.iitd.ac.in](mailto:vkvijay@rdat.iitd.ac.in)

Date: May 16, 2022

To,

DR DHEERENDRA SINGH GANGWAR  
UTTARAKHAND TECHNICAL UNIVERSITY DEHRADUN

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY DEVELOPMENT" Project-No: **RP-03525G** entitled, "**Participatory Capacity Building among Rural Women to Establish Community Enterprises**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Capacity Building, Strategy for Convergence and Implementation of Various Govt. Schemes SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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.

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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.

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**Prof. V. K. Vijay**

National Coordinator  
Unnat Bharat Abhiyan (UBA 2.0)  
National Coordinating Institute  
Indian Institute of Technology Delhi



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Date: May 16, 2022

To,

DR. VIDHYA S S  
Vimal Jyothi Engineering College

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY DEVELOPMENT" Project-No: **RP-03525G** entitled, "**Village women economic empowerment through low cost IoT Based Hatchery Unit.**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Capacity Building, Strategy for Convergence and Implementation of Various Govt. Schemes SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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 3 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.

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**Prof. V. K. Vijay**

National Coordinator  
Unnat Bharat Abhiyan (UBA 2.0)  
National Coordinating Institute  
Indian Institute of Technology Delhi





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[vkvijay@rdat.iitd.ac.in](mailto:vkvijay@rdat.iitd.ac.in)

Date: May 16, 2022

To,

DR.S.D. UMA MAGESWARI  
R.M.K. ENGINEERING COLLEGE

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY DEVELOPMENT" Project-No: **RP-03525G** entitled, "MyVillage - a mobile App for providing details on all **Government schemes in Tamil**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Capacity Building, Strategy for Convergence and Implementation of Various Govt. Schemes SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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/3mins 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. V. K. Vijay**

National Coordinator  
Unnat Bharat Abhiyan (UBA 2.0)  
National Coordinating Institute  
Indian Institute of Technology Delhi



**उन्नत भारत अभियान**  
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**भारतीय प्रौद्योगिकी संस्थान, दिल्ली**  
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[vkvijay@rdat.iitd.ac.in](mailto:vkvijay@rdat.iitd.ac.in)

Date: May 16, 2022

To,

Dr. M.Senthamil Selvi  
Sri Ramakrishna Engineering College

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY CUSTOMIZATION" Project-No: **RP-03525G** entitled, "**DEVELOPMENT OF SOLAR DRYER FOR MEDICINAL AND AROMATIC HERBS IN KEELPATHY VILLAGE**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Rural Energy Systems SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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 4 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/3mins 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. V. K. Vijay**

National Coordinator  
Unnat Bharat Abhiyan (UBA 2.0)  
National Coordinating Institute  
Indian Institute of Technology Delhi



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[vkvijay@rdat.iitd.ac.in](mailto:vkvijay@rdat.iitd.ac.in)

Date: May 16, 2022

To,

Dr. O. Lukhoi Singh  
Nambol L. Sanoi College, Nambol-795314, Manipur

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY DEVELOPMENT" Project-No: **RP-03525G** entitled, "**PROJECT PROPOSAL FOR UNNAT BHARAT ABHIYAN FOR FIVE ADOPTED VILLAGES NAMEDLY NAMBOL KONGKHAM, IRENGBAM, NGAIKHONG KHUNOU, ISHOK AND LOUREMBAM**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Rural Energy Systems SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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/3mins 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. V. K. Vijay**

National Coordinator  
Unnat Bharat Abhiyan (UBA 2.0)  
National Coordinating Institute  
Indian Institute of Technology Delhi



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[vkvijay@rdat.iitd.ac.in](mailto:vkvijay@rdat.iitd.ac.in)

Date: May 16, 2022

To,

DR KIRANMAI MANDAVA  
St. Pauls College of Pharmacy

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY DEVELOPMENT" Project-No: **RP-03525G** entitled, "**PILOT SCALE UP FOR THE CULTIVATION OF BLACK RICE AND MILLETS- AN INVESTIGATION OF FUTURE AGRICULTURE FOR WELLBEING OF RURAL INDIA**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Sustainable Agriculture Systems SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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/3mins 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. V. K. Vijay**

National Coordinator  
Unnat Bharat Abhiyan (UBA 2.0)  
National Coordinating Institute  
Indian Institute of Technology Delhi



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[vkvijay@rdat.iitd.ac.in](mailto:vkvijay@rdat.iitd.ac.in)

Date: May 16, 2022

To,

DR. S. MATILDA  
I.F.E.T. College Of Engineering

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY DEVELOPMENT" Project-No: **RP-03525G** entitled, "**GREEN WASTE RECYCLER: SUGARCANE TRASH INTO ORGANIC COMPOST**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Sustainable Agriculture Systems SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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/3mins 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. V. K. Vijay**

National Coordinator

Unnat Bharat Abhiyan (UBA 2.0)

National Coordinating Institute

Indian Institute of Technology Delhi



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[vkvijay@rdat.iitd.ac.in](mailto:vkvijay@rdat.iitd.ac.in)

Date: May 16, 2022

To,

DR. S. MATILDA  
I.F.E.T. College Of Engineering

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY DEVELOPMENT" Project-No: **RP-03525G** entitled, "**TENDER COCONUT WASTE INTO COMBUSTIBLE BRIQUETTES**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Sustainable Agriculture Systems SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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/3mins 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. V. K. Vijay**

National Coordinator

Unnat Bharat Abhiyan (UBA 2.0)

National Coordinating Institute

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[vkvijay@rdat.iitd.ac.in](mailto:vkvijay@rdat.iitd.ac.in)

Date: May 16, 2022

To,

DR.VISHNU D WAKCHAURE  
Amrutvahini College of Engineering, Sangamner, Maharashtra

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY DEVELOPMENT" Project-No: **RP-03525G** entitled, "**SELF PROPELLED MULTIPURPOSE ONION HARVESTER**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Sustainable Agriculture Systems SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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/3mins 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. V. K. Vijay**

National Coordinator

Unnat Bharat Abhiyan (UBA 2.0)

National Coordinating Institute

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[vkvijay@rdat.iitd.ac.in](mailto:vkvijay@rdat.iitd.ac.in),

Date: May 16, 2022

To,

DR. MANUJ KUMAR AGARWAL  
Moradabad Institute of Technology

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY DEVELOPMENT" Project-No: **RP-03525G** entitled, "**KRISHI SARTHI**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Sustainable Agriculture Systems SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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 2 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/3mins 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. V. K. Vijay**

National Coordinator

Unnat Bharat Abhiyan (UBA 2.0)

National Coordinating Institute

Indian Institute of Technology Delhi



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[vkvijay@rdat.iitd.ac.in](mailto:vkvijay@rdat.iitd.ac.in)

Date: May 16, 2022

To,

DR. SUNNICHAN V GEORGE  
Amal Jyothi College of Engineering

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY DEVELOPMENT" Project-No: **RP-03525G** entitled, "**TECHNOLOGY DEVELOPMENT FOR MICROALGAE INCORPORATED FUNCTIONAL CASSAVA PASTA WITH POTENTIAL HEALTH BENEFITS**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Sustainable Agriculture Systems SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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/3mins 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. V. K. Vijay**

National Coordinator  
Unnat Bharat Abhiyan (UBA 2.0)  
National Coordinating Institute  
Indian Institute of Technology Delhi



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**Prof. Virendra K. Vijay**  
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[vkvijay@rdat.iitd.ac.in](mailto:vkvijay@rdat.iitd.ac.in)

Date: May 16, 2022

To,

DR. PARMOD KUMAR  
Central University of Haryana

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY DEVELOPMENT" Project-No: **RP-03525G** entitled, "**DEVELOPMENT OF MULTI-STRESS TOLERANT PHOSPHORUS SOLUBILIZING BACTERIAL FORMULATION**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Sustainable Agriculture Systems SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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/3mins 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. V. K. Vijay**

National Coordinator  
Unnat Bharat Abhiyan (UBA 2.0)  
National Coordinating Institute  
Indian Institute of Technology Delhi



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[vkvijay@rdat.iitd.ac.in](mailto:vkvijay@rdat.iitd.ac.in)

Date: May 16, 2022

To,

DR. B. RAMESH  
SAVEETHA SCHOOL OF ENGINEERING

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY DEVELOPMENT" Project-No: **RP-03525G** entitled, "**NANOPHOSPHORUS FERTILIZER ENCAPSULATED IN GELLAN GUM TO INCREASE THE UPTAKE OF PHOSPHORUS IN RICE SEEDLINGS- A PILOT STUDY**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Sustainable Agriculture Systems SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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.

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**Prof. V. K. Vijay**

National Coordinator  
Unnat Bharat Abhiyan (UBA 2.0)  
National Coordinating Institute  
Indian Institute of Technology Delhi





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[vkvijay@rdat.iitd.ac.in](mailto:vkvijay@rdat.iitd.ac.in)

Date: May 16, 2022

To,

Dr. Gulshan Kumar  
Career Point University Hamirpur , Himachal Pradesh

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of “TECHNOLOGY DEVELOPMENT” Project-No: **RP-03525G** entitled, “**COMMERCIALIZATION OF TRADITIONAL FERMENTED “SEERA” IN BALOH VILLAGE OF HIMACHAL PRADESH**” submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Sustainable Agriculture Systems SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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.

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**Prof. V. K. Vijay**

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Unnat Bharat Abhiyan (UBA 2.0)  
National Coordinating Institute  
Indian Institute of Technology Delhi



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[vkvijay@rdat.iitd.ac.in](mailto:vkvijay@rdat.iitd.ac.in)

Date: May 16, 2022

To,

DR. P. V. KAPOOR  
Shri Ramdeobaba College of Engineering and Management, Nagpur

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY DEVELOPMENT" Project-No: **RP-03525G** entitled, "**DEVELOPMENT OF SOLAR POWERED EGGS INCUBATOR WITH BATTERY BACKUP FOR BACKYARD POULTRY FARMING.**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Sustainable Agriculture Systems SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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.

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**Prof. V. K. Vijay**

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Unnat Bharat Abhiyan (UBA 2.0)  
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Indian Institute of Technology Delhi



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[vkvijay@rdat.iitd.ac.in](mailto:vkvijay@rdat.iitd.ac.in)

Date: May 16, 2022

To,

DR. HIMANSHU SHARMA  
Meerut Institute of Technology

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY CUSTOMIZATION" Project-No: **RP-03525G** entitled, "**EVALUATE THE NUTRIENT STATUS OF SOIL OF THE ADOPTED VILLAGES & PROVIDING THE SOIL TEST BASED FERTILIZER RECOMMENDATION TO REDUCE THE COST OF FARM INPUT**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Sustainable Agriculture Systems SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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 4 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.

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**Prof. V. K. Vijay**

National Coordinator  
Unnat Bharat Abhiyan (UBA 2.0)  
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[kvijay@rdat.iitd.ac.in](mailto:kvijay@rdat.iitd.ac.in)

Date: May 16, 2022

To,

Dr. Jayendra Kumar  
NIT Jamshedpur

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY DEVELOPMENT" Project-No: **RP-03525G** entitled, "**Door based safety device in case of forced entry**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Rural Infrastructure SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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 4 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.

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**Prof. V. K. Vijay**

National Coordinator

Unnat Bharat Abhiyan (UBA 2.0)

National Coordinating Institute

Indian Institute of Technology Delhi





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Date: May 16, 2022

To,

Dr. Jayendra Kumar  
NIT Jamshedpur

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY CUSTOMIZATION" Project-No: **RP-03525G** entitled, "**Low Cost Automatic Timer Base Urinal Flush System For Multiple Urinals**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Rural Infrastructure SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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 4 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.

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**Prof. V. K. Vijay**

National Coordinator

Unnat Bharat Abhiyan (UBA 2.0)

National Coordinating Institute

Indian Institute of Technology Delhi



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Date: May 16, 2022

To,

Dr. Rinku Supakar  
Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY DEVELOPMENT" Project-No: **RP-03525G** entitled, "**GreenBot: Timely Agricultural Information Dissemination in a village at open Indo-Bangladesh border (high security zone without Internet facility) for Monitoring and Execution for High Yielding regular Crops**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Rural Infrastructure SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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/3mins 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. V. K. Vijay**

National Coordinator  
Unnat Bharat Abhiyan (UBA 2.0)  
National Coordinating Institute  
Indian Institute of Technology Delhi



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



**UNNAT BHARAT ABHIYAN**  
CENTRE FOR RURAL DEVELOPMENT AND TECHNOLOGY  
**INDIAN INSTITUTE OF TECHNOLOGY, DELHI**  
Hauz Khas, New Delhi – 110016  
Website: <http://unnat.iitd.ac.in>

**Prof. Virendra K. Vijay**  
Coordinator, UBA  
IREDA Chair Professor & Head, CRDT

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[vkvijay@rdat.iitd.ac.in](mailto:vkvijay@rdat.iitd.ac.in)

Date: May 16, 2022

To,

Dr.M.Senthamil Selvi  
Sri Ramakrishna Engineering College

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY DEVELOPMENT" Project-No: **RP-03525G** entitled, "**Smart Trash Bin**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Rural Infrastructure SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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/3mins 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. V. K. Vijay**

National Coordinator

Unnat Bharat Abhiyan (UBA 2.0)

National Coordinating Institute

Indian Institute of Technology Delhi



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[vkvijay@rdat.iitd.ac.in](mailto:vkvijay@rdat.iitd.ac.in)

Date: May 16, 2022

To,

Dr. Devershi Pallavi Bhatt  
Manipal University Jaipur

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY DEVELOPMENT" Project-No: **RP-03525G** entitled, "**Hybrid Irrigation System for Smart Agriculture using IoT**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Rural Infrastructure SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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.

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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/3mins 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. V. K. Vijay**

National Coordinator

Unnat Bharat Abhiyan (UBA 2.0)

National Coordinating Institute

Indian Institute of Technology Delhi





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[vkvijay@rdat.iitd.ac.in](mailto:vkvijay@rdat.iitd.ac.in)

Date: May 16, 2022

To,

Dr. DHARMIREDDY PRASAD  
PRASANTHI POLYTECHNIC

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

Dear Sir/ Ma'am,

1. This is to intimate you that Technology Intervention proposals under the category of "TECHNOLOGY CUSTOMIZATION" Project-No: **RP-03525G** entitled, "**TO INCREASE THE GROUND WATER LEVELS BY USING SOAK PITS AND RAIN, GRAY WATER HARVESTING**" submitted by you under the Unnat Bharat Abhiyan 2.0 Program, has been approved by Rural Infrastructure SEG and funded by the National Coordinating Institute UBA 2.0 (IIT Delhi).

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 3 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.

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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/3mins 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. V. K. Vijay**

National Coordinator  
Unnat Bharat Abhiyan (UBA 2.0)  
National Coordinating Institute  
Indian Institute of Technology Delhi



# COCONUT LEAF BROOM MAKING MACHINE



## Project Report

Submitted by

Dr. V. Sampath Kumar,  
Professor

Department of Electronics and Instrumentation Engineering  
Vimal Jyothi Engineering College, Chemperi-670632

To

## Unnat Bharat Abhiyan

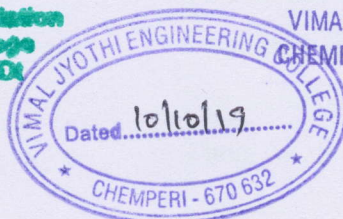
Centre for Rural Development and Technology  
Indian Institute of Technology Delhi  
Hauz Khas, New Delhi - 110016, India

*Sampath Kumar V*  
10/10/19  
Signature of Principal Investigator

*Benny Joseph*  
Signature of Head of the Institution

**Dr. V. SAMPATH KUMAR, M. Tech., Ph. D.**  
**PROFESSOR**  
Dept. of Electronics & Instrumentation  
Vimal Jyothi Engineering College  
Chemperi - 670 632, Kannur-Dt  
Kerala.

**Dr. BENNY JOSEPH**  
**PRINCIPAL**  
VIMAL JYOTHI ENGINEERING COLLEGE  
CHEMPERI, KANNUR DIST. KERALA - 670 632



1	<b>Name of the Institute code</b>	VIMAL JYOTHI ENGINEERING COLLEGE - C43798
2	<b>Title of the project</b>	COCONUT LEAF BROOM MAKING MACHINE
3	<b>Name of Subject expert group</b>	Rural Craft and Artisans Development & Rural Industrialization and Entrepreneurship Development
4	<b>Name of villages where project development activities was carried out</b>	ERUVESSI
5	<b>Duration/ Budget of the project</b>	4 MONTH / 1,40,000 Rs
6	<b>Brief Introduction</b>	<p>The name “Kerala” derived from its name from <i>Kera and Ala</i> which means the land of coconuts due to its abundance of coconut trees in this state in India. Thus there are a wide range of products that are derived from the coconut trees. The coconut leaf brooms are one among them and these are mainly produced as handmade product by the villagers. Villagers are performing almost all the activities by hand from the removal of the mid rib from the leaves to final bundle generations. This process is a very time consuming and tedious process. The Proposed Coconut Leaf Broom Making Machine is simple and economic machine which is user friendly and can be operated by any common person. In this machine, initially the coconut leaves are feed through a roller arrangement that rotates slowly and pulls the leaves inside the system. Then the leaves are passed through two sharp spiked roller and midrib of the leaf gets separated. when the tip of the leaves come out of the spiked roller, it gets pulled in a pace by another set of rotating rollers which rotates faster than the spiked roller and then these ribs are passed through an agitating guide way into the collecting box. Then the collected leaf ribs are tied together automatically with the help of a sensor based robotic manipulator to form a broom. The remaining part of the coconut leaves can be</p>

		feed to the cattle
7	<b>Current status/Achievement of the project</b>	Project first phase completed successfully
8	<b>Project Outcomes</b>	Women empowerment and provide income to household women.
9	<b>Description of Project in 150 words</b>	<p>Initially the raw/dry coconut leaves are fed to the input roller set and the leaves are automatically pulled in by the input roller and are fed to the spiked roller which rotates at a speed greater than the input roller speed and at a slower speed compared to the output roller. Then when the leaves are inside the spiked roller the spikes of the roller cut the leaves or pierces it and when the leaves are transferred to the output roller set which rotates at a speed twice that of spiked roller, the leaves are pulled out which separate the mid-rib from the leaves and the mid-rib comes out of the output roller and falls on the slopped vibrating table. The mid-ribs from the slopped vibrating table fall in the mid-rib collecting container which is pushed by the linear actuator towards the tying mechanism. Then the Sensor based tying mechanism ties the mid-ribs together with the plastic thread by rotating around the mid-ribs. After tying the mid-ribs together, the thread is cut off and the final broom is pushed out using the linear actuator through the tying mechanism outlet hole. Then the final produced broom is collected from the outlet of the tying mechanism. The separated leaf can be then collected firm the bottom and can be used for different purposes such as feeding of cattle, agricultural fertilizer etc.</p>



11 Photos of the UBA activities (maximum of 6 photograph of high resolution)



Figure 1 : Double rubber roller with spikers



Figure 2: Rear view

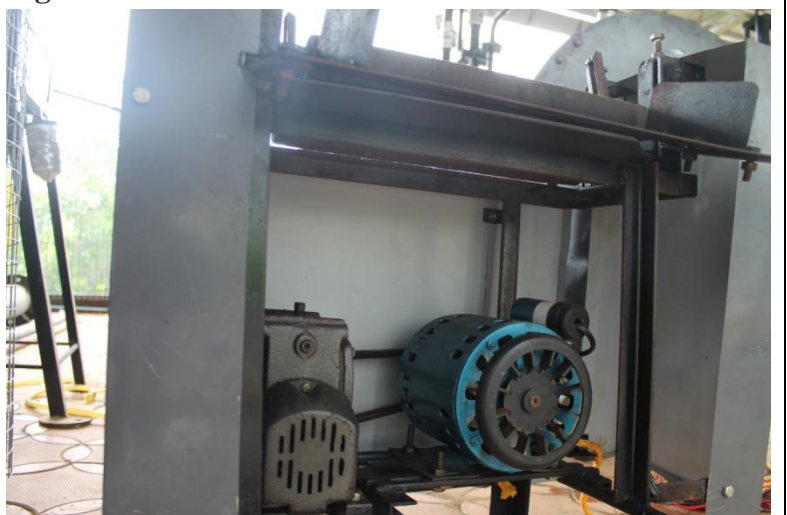
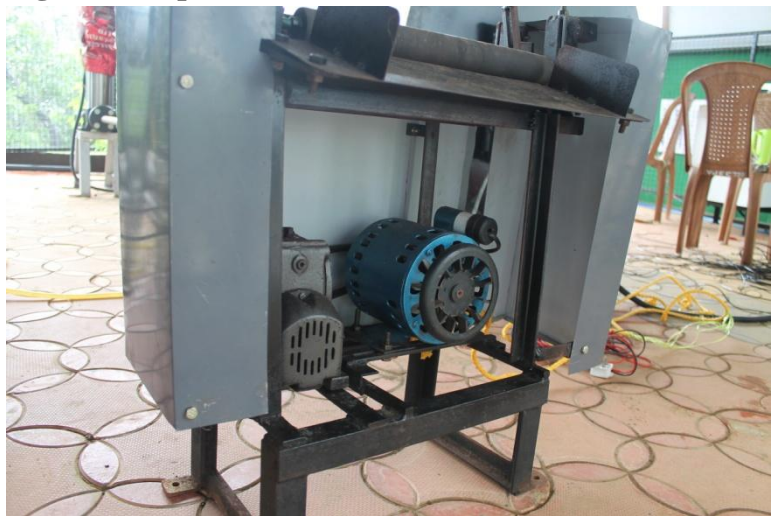


Figure 3: Motor and gear assembly



**Figure 4: Top View**



**Figure 5: Broom Collector area**



**Figure 6: Side protection for collecting leaves**

**12 Description of each photo in maximum of 50 word**

**Figure 1 : Double rubber roller with spikers**  
 They used for pressing the leaf from the middle part making it easy to remove the broom. Spikes are given for smooth separation of the same

		<p><b>Figure 2: Rear view</b> This is the portion where the leaves and middle broom are separated and collected we have a wired mechanism for separating by using the force from the motor itself.</p> <p><b>Figure 3: Motor and gear assembly</b> Here we are using a 1Hp motor with a gear system connected to the roller using a rubber connector. Gear system used for controlling the speed and torque of the production. The force generated by the motor help in propelling the coconut leafs inside.</p> <p><b>Figure 4: Top View</b> Here is the top view of the machine which helps the user to analyze the stages of the process. Here we can include a wired assembly for speeding up the process and for removing the waste leaves also.</p> <p><b>Figure 5: Broom Collector area</b> The final output of the machine is collected over here. We have proposed to automate it to tie each and every broom sticks</p> <p><b>Figure 6: Side protion for collecting leaves</b> This portion is for collecting the leaves without the middle stem portion, which is commonly used as a cattle feed</p>
13	<b>4 key words</b>	Local entrepreneurship, Broommaking, Self employment, Agrotech
Optional		
14	<b>Other relevant information (100 words) optional</b>	The patent of the product will be filed within a week or two. We are in the process of making a bigger broom making model where two persons can work with a single machine. It will be completed in two months.





# Hybrid Bamboo Structured Solar Tunnel Dryer with Biomass Backup Heater



## Project Report

Submitted by

**Dr. V. Sampath Kumar,**  
Professor

Department of Electronics and Instrumentation Engineering  
Vimal Jyothi Engineering College, Chemperi-670632.

To

**Unnat Bharat Abhiyan**

Centre for Rural Development and Technology  
Indian Institute of Technology Delhi  
Hauz Khas, New Delhi - 110016, India

*Sampath Kumar V*  
10/10/19

Signature of Principal Investigator

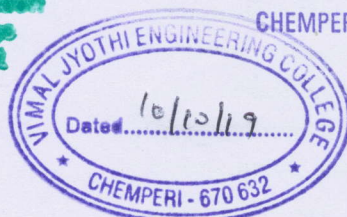
**Dr. V. SAMPATH KUMAR, M. Tech., Ph. D.**  
**PROFESSOR**  
Dept. of Electronics & Instrumentation  
Vimal Jyothi Engineering College  
Chemperi - 670 632, Kannur-ER  
Kerala.

*Benny Joseph*

Signature of Head of the Institution

**Dr. BENNY JOSEPH**  
PRINCIPAL

VIMAL JYOTHI ENGINEERING COLLEGE  
CHEMPERI, KANNUR DIST. KERALA - 670 632



## Project Progress Report of Unnat Bharat Abhiyan

1	Name of the institute code	Vimal Jyothi Engineering college Chemperi AISHE Code C43798
2	Title of the project	Hybrid Bamboo Structured Solar Tunnel Dryer with Biomass Backup Heater
3	Name of Subject expert group	Rural Energy Systems
4	Name of villages where project development activities was carried out	Eruvessi, Kannur
5	Duration/ Budget of the project	5 months / 1,20,000
6	Brief Introduction	The use of open sun drying of coconut depends on climatic conditions and gives low quality copra. To overcome the practical difficulties of conventional method, solar tunnel greenhouse dryer coupled with biomass backup heater was designed and developed. This dryer was basically on the principle of the greenhouse effect in which all the radiation emitted by the sun will be absorbed by the dryer. The biomass backup heater can be used as a backup to provide heat during the night time and rainy days.
7	Current status/Achievement of the project	The solar dryer attained a maximum temperature of 60 degree Celsius when the peak ambient temperature was 33 degree Celsius under no load and without backup heater. About 10 hours the dryer temperature sustained over 40 degree Celsius. The relative humidity of the dryer was less than that of ambient relative humidity due to the highest temperature prevailed at the peak time and it also enhances the drying of copra with good quality.
8	Project Outcomes	The products(coconuts) dried in the developed solar tunnel dryer is superior in quality and it is also compatible with the product available in the market.
9	Description of Project in 150 words	Solar and biomass are the two sources of renewable energy highly suitable for drying application. Hence a combination of solar and biomass energy for drying is experimentally analysed in this project for copra drying in Eruvessi panchayat, Kannur. This dryer works basically on the principle of the greenhouse effect in which all the radiation emitted by the sun is absorbed by this dryer since it is wrapped with the polyethylene sheet of 200 microns that enhances the greenhouse effect. The dryer is having a rigid load bearing frame which is placed at certain spans and do not deformed under the loads acting on them and a transparent cover material placed on them which allows shortwave solar radiation to enter and is partially opaque to



the long wave radiation leading to a greenhouse effect.

10 Photos of the UBA activities (maximum of 6 photograph of high resolution)



**Figure 1: Site levelling**



**Figure 2: basement preparation**



**Figure 3: Framework installation**



**Figure 4: Bamboo rack installation**





**Figure 5: Installation of UV stabilized film**



**Figure 6: Biomass backup heater**

11	Description of each photo in maximum of 50 word	<p><b>Figure 1:</b> The plot is located at north west side of Vimal Jyothi Engineering college ground, Chemperi. The proposed experimental location is about 20 square meter of rectangular shape. This site was chosen because it receives maximum sunlight. This process involves clearing the land of recent debris and leveling the ground for our structure. It is done by using an excavator. Leveled surface is compacted by a roller manually.</p> <p><b>Figure 2:</b> The need to manage construction and demolition waste has led to environmentally friendly actions that promote the reuse and recycling of this type of waste and other forms of waste valorizations. Such an application is used in this project by reusing concrete blocks for the preparation of basement. Red oxide flooring is provided over the concrete floor since it is cost effective, durable and give good finish.</p> <p><b>Figure 3:</b> Galvanized steel provides durability at a low cost because steel is very strong. Steel frames are impervious to pest damage, can withstand considerable wind force and are fire resistant as well, so it finds often the best choice for most steel building construction project.</p> <p><b>Figure 4:</b> The capability of bamboo to resist fire is very high and it can withstand high temperature. It is in circular form and hollow sections make bamboo a light building material. It is easy to cut, handle, repair, reposition and maintain without the need for sophisticated tools or equipment. It is non-polluting and the surface of the bamboo is smooth and clean with an attractive colour which does not require painting scrapping or polishing.</p> <p><b>Figure 5:</b> It is wrapped with the polyethylene sheet of 200 microns that enhances the greenhouse effect. The radiations absorbed are not emitted back and thus acts as a solar trap. The solar trap is responsible for the steady increase of temperature inside the dryer.</p> <p><b>Figure 6:</b> The biomass backup heater uses coconut shell as fuel. To avoid smoke and flue contamination of the coconuts the heat supplied from the chamber was collected through a cylindrical metal duct, which connects the backup heater to the dryer. The metal duct was welded at the centre of the combustion chamber which was used to trap the heat. Coconut shell is an agricultural waste and is available in plentiful quantities. The coconut shell has a high calorific value of 20.8 MJ/Kg and can be used to produce steam, energy rich gases, bio oil, etc. It contains lower ash content, high volatile matter content and available at a cheap cost.</p>

<b>12</b>	<b>4 key words</b>	<b>Solar tunnel dryer, Solar power, Renewable energy , Greenhouse effect</b>
<b>Optional</b>		
<b>13</b>	<b>Other relevant information (100 words) optional</b>	<b>The currently available project is proposed to use to dry rubber sheets also as there is no device or strategy to dry rubber sheets is currently available.</b>

**List of approved Proposals under different Subject Expert Groups of Unnat Bharat Abhiyan, March 2022**

<b>S.No</b>	<b>Unique Code</b>	<b>AISHE Code</b>	<b>Participating Institute</b>	<b>RCI</b>	<b>Subject Expert Group</b>	<b>Title Of Proposal</b>	<b>Fund</b>	<b>Type of proposal (development/cu stomization)</b>
1	UBA/25/0013/U-0391	U-0391	Birla Institute of Technology, Mesra	IIT Jodhpur	Capacity Building	Setting up of a small-scale pilot plant for production of organic compost from kitchen	100,000.00	TECHNOLOGY DEVELOPMENT
2	UBA/36/0046/U-0639	U-0639	University of Science & Technology Meghalaya	IIT Guwahati	Capacity Building	Income Generation through Low-Cost Agri Technology	100,000.00	TECHNOLOGY DEVELOPMENT
3	UBA/16/0037/C-37089	C-37089	Sri Ramakrishna Engineering College	Tamil Nadu Agricultural University	Capacity Building	Solar Cooking Campaign - Empowering young Rural and Tribal community with Solar Cookers	50,000.00	TECHNOLOGY CUSTOMIZATION
4	UBA/15/0067/C-26814	C-26814	C-26814 SOLAMALAI COLLEGE OF ENGINEERING	Gandhigram Rural Institute	Capacity Building	Virtual Reality and Augmented Reality to enhance learning outcomes among Primary School Children	100,000.00	TECHNOLOGY DEVELOPMENT
5	UBA/13/0063/C-18121	C-18121	NRI College of Pharmacy	SVVU Tirupati	Capacity Building	Automated Hydroponic Farming with optimal Resources for landless poor	100,000.00	TECHNOLOGY DEVELOPMENT
6	UBA/05/0066/U-0566	U-0566	UTTARAKHAND TECHNICAL UNIVERSITY DEHRADUN	IIT Roorkee	Capacity Building	Participatory Capacity Building among Rural Women to Establish Community Enterprises	100,000.00	TECHNOLOGY DEVELOPMENT
7	UBA/18/002/C-43798	C-43798	Vimal Jyothi Engineering College	IIT Palakkad	Capacity Building	Village women economic empowerment through low cost IoT Based Hatchery Unit.	100,000.00	TECHNOLOGY DEVELOPMENT



8	UBA/14/0073/C-16614	C-16614	R.M.K. ENGINEERING COLLEGE	IIT Madras	Capacity Building	MyVillage - a mobile App for providing details on all Government schemes in Tamil	100,000.00	TECHNOLOGY DEVELOPMENT
9	UBA/23/0027/C-42916	C-42916	Padm. Dr. V. B. Kolte College Of Engineering	Sant Gadge Baba Amravati University	Rural Energy	DESIGN AND FABRICATION OF PHOTOVOLTAIC-THERMAL (PVT) SINGLE SLOPE SOLAR DRYER FOR DRYING OF FRIED POTATO AND BANANA WAFERS	95,000.00	TECHNOLOGY DEVELOPMENT
10	UBA/34/0002/U-0202	U-0202	Birla Institute of Technology Mesra Ranchi	NIT Jamshedpur	Rural Energy	SETTING UP OF A SMALL-SCALE PILOT PLANT FOR PRODUCTION OF BIODIESEL FROM INDIGENOUS PLANT.	100,000.00	TECHNOLOGY DEVELOPMENT
11	UBA/34/0002/U-0202	U-0202	Birla Institute of Technology Mesra Ranchi	NIT Jamshedpur	Rural Energy	DESIGN AND FABRICATION OF BELLOW TYPE BIOGAS PLANT	100,000.00	TECHNOLOGY DEVELOPMENT
12	UBA/16/0037/C-37089	C-37089	Sri Ramakrishna Engineering College	Tamil Nadu Agricultural University	Rural Energy	DEVELOPMENT OF SOLAR DRYER FOR MEDICINAL AND AROMATIC HERBS IN KEELPATHY VILLAGE	50,000.00	TECHNOLOGY CUSTOMIZATION

13	UBA/37/0004/C-9398	C-9398	Nambol L. Sanoi College, Nambol-795314, Manipur	NIT Manipur	Rural Energy	PROJECT PROPOSAL FOR UNNAT BHARAT ABHIYAN FOR FIVE ADOPTED VILLAGES NAMESLY NAMBOL KONGKHAM, IRENGBAM, NGAIKHONG KHUNOU, ISHOK AND LOUREMBAM	100,000.00	TECHNOLOGY DEVELOPMENT
14	UBA/40/0025/S-17236	S-17236	GOVERNMENT POLYTECHNIC MOTIHARI	National Institute of Technology Patna	Others	Awareness towards Government schemes	100,000.00	TECHNOLOGY DEVELOPMENT
15	UBA/11/001/U-0025	U-0025	National Institute of Technology Warangal	NIT Waranagal	Others	Solar Powered Fertilizer Sprayer	100,000.00	TECHNOLOGY DEVELOPMENT
16	UBA/16/0037/C-37089	C-37089	SRI RAMAKRISHNA ENGINEERING COLLEGE	Tamil Nadu Agricultural University	Others	PRANA SEEDS- Reforestation for a better tomorrow- A startup venture for the adopted village	100,000.00	TECHNOLOGY DEVELOPMENT
17	UBA/16/0107/C-35783	C-35783	CAUVERY COLLEGE FOR WOMEN (AUTONOMOUS)	Tamil Nadu Agricultural University	Others	AN INTEGRATED APPROACH TO ENHANCE THE HEALTH STATUS OF THE SOCIALLY DISADVANTAGED GROUP AT MALLIAMPATHU, TAMILNADU	100,000.00	TECHNOLOGY DEVELOPMENT
18	UBA/22/050/S-10759	S-10759	KVPS, Maharani Ahilyabi Holkar College of Pharmacy, Boradi	Dr. BabaSaheb Ambedkar Marathawada University	Others	To Opening Pathology laboratory at Adopted Village Area	100,000.00	TECHNOLOGY DEVELOPMENT

19	UBA/NCI/0070/U-0107	U-0107	JAMIA HAMDARD	IIT Delhi	Others	Bacterial free innovative paintings for hygienic white wash solutions in Saidul Aizab with installation of portable green and blue smart dustbins.	100,000.00	TECHNOLOGY DEVELOPMENT
20	UBA/23/0011/C-18817	C-18817	G H Rasoni College of Engineering, Nagpur	Sant Gadge Baba Amravati University	Others	SMART CHAIRSIDE TMJ EXAMINATION AND MUSCLE ACTIVITY DETECTOR TOOL“ Easy way to know the onset of oral cancer (Mukh kark rog ki shurwat ko janane ka asan tarika)	100,000.00	TECHNOLOGY DEVELOPMENT
21	UBA/16/0088/C-24993	C-24993	ARASU ENGINEERING COLLEGE	Tamil Nadu Agricultural University	Others	Solar-Powered Device To Destroy Mosquito Breeding	71,000.00	TECHNOLOGY DEVELOPMENT
22	UBA/14/0024/C-16547	C-16547	Sri Sairam Engineering College	IIT Madras	Others	Application for the Detection of Cataract and Glaucoma for Rural Population using Machine Learning	50,000.00	TECHNOLOGY DEVELOPMENT
23	UBA/02/0001/U-0197	U-0197	Nationasl Institute of Technology Srinagar ,Hazratbal Srinagar Kashmir- J&K-190006	NIT Srinagar	Others	Implementation of low cost, energy efficient and safe Paddy Winnowing technology for rural population of Kashmir.	100,000.00	TECHNOLOGY DEVELOPMENT
24	UBA/NCI/0036/U-0522	U-0522	JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY NOIDA	IIT Delhi	Others	Swarnim neer: A renewable (solar) energy based portable water purification unit	100,000.00	TECHNOLOGY DEVELOPMENT
25	UBA/29/0006/U-0287	U-0287	Rajiv Gandhi Proudयोगiki Vishwavidyalaya - Bhopal	MANIT Bhopal	Others	Developing & Installing Prototype Solar Water Decontamination Unit for Drinking Water.	100,000.00	TECHNOLOGY DEVELOPMENT

26	UBA/09/0012/C-19613	C-19613	VISHNU INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH	NIRD&PR	Others	Socio-economic upliftment of rural community through cultivation of Spirulina biomass and commercial exploitation	100,000.00	TECHNOLOGY DEVELOPMENT
27	UBA/10/0047/C-19539	C-19593	GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY	Mahatma Gandhi National Council of Rural Education (MGNCRE)	Others	Rampally Dayara Property Tax Management System	53,000.00	TECHNOLOGY DEVELOPMENT
28	UBA/06/0035/C-46768	C-46768	Buddha Institute of Technology	IIT BHU	Others	IoT based CropRakshak	100,000.00	TECHNOLOGY DEVELOPMENT
29	UBA/10/0048/C-19534	C-19534	GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING AND TECHNOLOGY	Mahatma Gandhi National Council of Rural Education (MGNCRE)	Others	Internet of Things	100,000.00	TECHNOLOGY DEVELOPMENT
30	UBA/16/0037/C-37089	C-37089	Sri Ramakrishna Engineering College, Coimbatore	Tamil Nadu Agricultural University	Others	Organic livestock feed and biofertilizer using azolla	100,000.00	TECHNOLOGY DEVELOPMENT
31	UBA/23/0140/C-43218	C-43218	Arts, Commerce and Science College, Maregaon	Sant Gadge Baba Amravati University	Others	Installation of Auto Controlled Solar LED Street Lights	100,000.00	TECHNOLOGY DEVELOPMENT
32	UBA/24/0048/C-11208	C-11208	Rajarambapu Institute of Technology Rajaramnagar	IIT Bombay	Others	Villagers Grievance Redressal: E- Complaint management system	100,000.00	TECHNOLOGY DEVELOPMENT

33	UBA/26/0004/U-0392	U-0392	Central University of Rajasthan	MNIT Jaipur	Others	Development of Vermicomposting Technology for Soild Waste Management in the Bandarsindri and Mundoti village of Ajmer, Rajasthan	100,000.00	TECHNOLOGY DEVELOPMENT
34	UBA/15/0015/C-45616	C-45616	Sarada Krishna Homoeopathic Medical College	Gandhigram Rural Institute	Others	Assessing and Improving Cardiovascular Health in Primordial level through Homoeopathy in UBA adopted villages	100,000.00	TECHNOLOGY DEVELOPMENT
35	UBA/19/0038/C-1406	C-1406	CMR Institute of Technology, Bangalore-	IISc Bangalore	Others	Online healthcare App	68,965.00	TECHNOLOGY DEVELOPMENT
36	UBA/28/0011/U-0273	U-0273	IIT Indore	SGSITS Indore	Others	Development of reusable microfluidic kits for qualitative testing of milk adulterants	100,000.00	TECHNOLOGY DEVELOPMENT
37	UBA/15/0045/C-41151	C-41151	St.Maryâ€™s College (Autonomous), Thoothukudi	Gandhigram Rural Institute	Agriculture	PROSPECTING OF FISHERY RESOURCES INTO VALUE ADDED PRODUCTS	100,000.00	TECHNOLOGY DEVELOPMENT
38	UBA/14/0110/C-60407	C-60407	PALAR AGRICULTURAL COLLEGE	Indian Institute of Technology Madras	Agriculture	BIO TRANSFORMATION OF ORGANIC WASTES INTO PROTEIN RICH ANIMAL FEED AND FERTILE MANURE WITH BLACK SOLDIER FLY (BSF) HERMETIA ILLUCENS (L.)	100,000.00	TECHNOLOGY DEVELOPMENT

39	UBA/10/0049/C-25962	C-25962	St. Pauls College of Pharmacy	Mahatma Gandhi National Council of Rural Education (MGNCRE)	Agriculture	PILOT SCALE UP FOR THE CULTIVATION OF BLACK RICE AND MILLETS- AN INVESTIGATION OF FUTURE AGRICULTURE FOR WELLBEING OF RURAL INDIA	100,000.00	TECHNOLOGY DEVELOPMENT
40	UBA/14/0111/C-16543	C-16543	I.F.E.T. College Of Engineering	Indian Institute of Technology Madras	Agriculture	GREEN WASTE RECYCLER: SUGARCANE TRASH INTO ORGANIC COMPOST	100,000.00	TECHNOLOGY DEVELOPMENT
41	UBA/19/0001/U-0217	U-0217	Christ University	IISc Bangalore	Agriculture	SMART FARMING – MOBILE APPLICATION FOR EARLY PLANT DISEASE IDENTIFICATION	95,000.00	TECHNOLOGY DEVELOPMENT
42	UBA/39/0001/U-0046	U-0046	North Eastern Regional Institute of Science and Technology	NERIST Arunachal Pradesh	Agriculture	MULTIPLICATION OF TRICHODERMA HARZIANUM IN AGRO WASTE FOR PRODUCTION OF BIO FERTILIZERS	100,000.00	TECHNOLOGY DEVELOPMENT

43	UBA/26/0031/U-0398	U-0398	JAGANNATH UNIVERSITY JAIPUR	MNIT Jaipur	Agriculture	A STUDY ON ORGANIC FARMING FOR INCREASING AND SUSTAINING PRODUCTIVITY OF CLUSTER BEAN (CYAMOPSIS TETRAGONOLOBA (L.)(TAUB) IN RAINFED AREAS OF SEMI-ARID EASTERN PLAIN ZONE OF RAJASTHAN	100,000.00	TECHNOLOGY DEVELOPMENT
44	UBA/16/0129/C-16543	C-9488	VIVEKANANDHA COLLEGE OF ARTS AND SCIENCES FOR WOMEN (AUTONOMOUS)	Tamil Nadu Agricultural University	Agriculture	SILAGE MAKING	100,000.00	TECHNOLOGY DEVELOPMENT
45	UBA/14/0111/C-16543	C-16543	I.F.E.T. College Of Engineering	Indian Institute of Technology Madras	Agriculture	TENDER COCONUT WASTE INTO COMBUSTIBLE BRIQUETTES	100,000.00	TECHNOLOGY DEVELOPMENT
46	UBA/16/0130/C-56483	C-56483	COLLEGE OF FISHERIES ENGINEERING, NAGAPATTINAM	Tamil Nadu Agricultural University, Coimbatore	Agriculture	POCKET-SIZE DEVICE FOR WATER QUALITY ASSESSMENT IN AQUACULTURE/POND	100,000.00	TECHNOLOGY DEVELOPMENT
47	UBA/23/0084/C-43070	C-43070	Jawaharlal Darda Institute of Engineering & Technology, Yavatmal, M.S., India	Sant Gadge Baba Amravati University	Agriculture	COW URINE DISTILLATION PLANT FOR VILLAGERS	100,000.00	TECHNOLOGY DEVELOPMENT
48	UBA/39/0004/C-16290	C-16290	Rang Frah Government College	NERIST Arunachal Pradesh	Agriculture	OYSTER MUSHROOM CULTIVATION	87,850.00	TECHNOLOGY DEVELOPMENT



49	UBA/22/113/C-41515	C41515	Amrutvahini College of Engineering,Sangamner, Maharashtra	Dr. BabaSaheb Ambedkar Marathawada University	Agriculture	SELF PROPELLED MULTIPURPOSE ONION HARVESTER	100,000.00	TECHNOLOGY DEVELOPMENT
50	UBA/05/0051/C-46076	C-46076	Moradabad Institute of Technology	IIT Roorkee	Agriculture	KRISHI SARTHI	100,000.00	TECHNOLOGY DEVELOPMENT
51	UBA/17/0083/C-11842	C-11842	Amal Jyothi College of Engineering	kerala agriculture university	Agriculture	TECHNOLOGY DEVELOPMENT FOR MICROALGAE INCORPORATED FUNCTIONAL CASSAVA PASTA WITH POTENTIAL HEALTH BENEFITS	100,000.00	TECHNOLOGY DEVELOPMENT
52	UBA/01/0010/U-0158	U-0158	Central University of Haryana	NIT Kurukshetra	Agriculture	DEVELOPMENT OF MULTI-STRESS TOLERANT PHOSPHORUS SOLUBILIZING BACTERIAL FORMULATION	100,000.00	TECHNOLOGY DEVELOPMENT
53	UBA/14/0112/C-0475	U-0475	SAVEETHA SCHOOL OF ENGINEERING	Indian Institute of Technology Madras	Agriculture	NANOPHOSPHORUS FERTILIZER ENCAPSULATED IN GELLAN GUM TO INCREASE THE UPTAKE OF PHOSPHORUS IN RICE SEEDLINGS- A PILOT STUDY	100,000.00	TECHNOLOGY DEVELOPMENT
54	UBA/14/0025/C-16476	C-16476	Sri Sai Ram Institute of Technology	IIT Madras	Agriculture	SOLAR POWERED SMART IRRIGATION SYSTEM	100,000.00	TECHNOLOGY DEVELOPMENT

55	UBA/24/0113/C-41497	C-41497	Vishwakarma Institute of Information Technology , Pune	IIT Bombay	Agriculture	DESIGN, DEVELOPMENT AND MANUFACTURING OF RICE DE-HUSKING MACHINE AS PER REQUIREMENT OF VILLAGE	100,000.00	TECHNOLOGY DEVELOPMENT
56	UBA/17/0026/C-8196	C-8196	Vedavyasa Institute of Technology	kerala agriculture university	Agriculture	SETTING UP A MODEL VERTICAL INTEGRATED PASTURING (VIP) FARMING SYSTEM.	100,000.00	TECHNOLOGY DEVELOPMENT
57	UBA/03/0004/U-0694	U-0694	Career Point University Hamirpur , Himachal Pradesh	NIT Hamirpur	Agriculture	COMMERCIALIZATION OF TRADITIONAL FERMENTED “SEERA” IN BALOH VILLAGE OF HIMACHAL PRADESH	100,000.00	TECHNOLOGY DEVELOPMENT
58	UBA/05/0006/U-0555	U-0555	Graphic Era(Deemed to be University), Dehradun	IIT Roorkee	Agriculture	CROP RECOMMENDATION SYSTEM FOR SELECT VILLAGES IN UTTARAKHAND AGRO-CLIMATIC ZONE	100,000.00	TECHNOLOGY DEVELOPMENT
59	UBA/23/15/C-18886	C-18886	Shri Ramdeobaba College of Engineering and Management, Nagpur	Sant Gadge Baba Amravati University	Agriculture	DEVELOPMENT OF SOLAR POWERED EGGS INCUBATOR WITH BATTERY BACKUP FOR BACKYARD POULTRY FARMING.	100,000.00	TECHNOLOGY DEVELOPMENT
60	UBA/32/0013/U-0846	U-0846	Brainware University	IIT Kharagpur	Agriculture	PRODUCTION OF VERMICOMPOSTING USING ORGANIC SUBSTANCES	100,000.00	TECHNOLOGY DEVELOPMENT

61	UBA/05/0050/C-46194	C-46194	Meerut Institute of Technology	IIT Roorkee	Agriculture	EVALUATE THE NUTRIENT STATUS OF SOIL OF THE ADOPTED VILLAGES & PROVIDING THE SOIL TEST BASED FERTILIZER RECOMMENDATION TO REDUCE THE COST OF FARM INPUT	49,800.00	TECHNOLOGY CUSTOMIZATION
62	UBA/11/0008/C-19954	C-19954	Sumathi Reddy Institute of Technology for Women	National Institute of Technology Warangal	Agriculture	A MULTI-PURPOSE MACHINE FOR LEAFY VEGETABLE CUTTING & BUNDLING, FERTILIZING, AND WEEDING	50,000.00	TECHNOLOGY CUSTOMIZATION
63	UBA/16/0004/C-41046	C-41046	PSGR KRISHNAMMAL COLLEGE FOR WOMEN	Tamil Nadu Agricultural University	Agriculture	VALUE ADDED DEHYDRATED AGRICULTURAL FOOD PRODUCTS	50,000.00	TECHNOLOGY CUSTOMIZATION
64	UBA/16/0006/C-37057	C-37057	Sri Eshwar College of Engineering	Tamil Nadu Agricultural University	Agriculture	DESIGN OF LOW-COST CHAFF CUTTER FOR RURAL FARMERS	50,000.00	TECHNOLOGY CUSTOMIZATION
65	UBA/16/0037/C-37089	C-37089	Sri Ramakrishna Engineering College	Tamil Nadu Agricultural University	Agriculture	GROUNDNUT PLUGGING MACHINE	50,000.00	TECHNOLOGY CUSTOMIZATION
66	UBA/16/0044/C-41069	C-41069	Nirmala College for Women (Autonomous)	Tamil Nadu Agricultural University	Agriculture	AZOLLA CULTIVATION FOR THE BETTER LIVELIHOOD OF TRIBAL WOMEN IN PALAMALAI HILLS,P.N.PALAYAM BLOCK,COIMBATORE	50,000.00	TECHNOLOGY CUSTOMIZATION

67	UBA/17/0083/C-11842	C-11842	Amal Jyothi College of Engineering	kerala agriculture university	Agriculture	DEVELOPMENT OF OSMOTIC DEHYDRATION TECHNOLOGY FOR THE PRESERVATION OF PINEAPPLE AND JACKFRUIT	50,000.00	TECHNOLOGY CUSTOMIZATION
68	UBA/34/0001/U-0207	U-0207	NIT Jamshedpur	NIT Jamshedpur	Infrastructure	Door based safety device in case of forced entry	90,000.00	TECHNOLOGY DEVELOPMENT
69	UBA/34/0001/U-0207	U-0207	NIT Jamshedpur	NIT Jamshedpur	Infrastructure	Low Cost Automatic Timer Base Urinal Flush System For Multiple Urinals	40,000.00	TECHNOLOGY CUSTOMIZATION
70	UBA/32/0062/C-6157	C-6157	Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex	IIT Kharagpur	Infrastructure	GreenBot: Timely Agricultural Information Dissemination in a village at open Indo-Bangladesh border (high security zone without Internet facility) for Monitoring and Execution for High Yielding regular Crops	100,000.00	TECHNOLOGY DEVELOPMENT
71	UBA/16/0037/C-37089	C-37089	Sri Ramakrishna Engineering College	Tamil Nadu Agricultural University	Infrastructure	Smart Trash Bin	100,000.00	TECHNOLOGY DEVELOPMENT
72	UBA/16/0094/C-35860	C-35860	St.Joseph's College, Tiruchirappalli-620002	Tamil Nadu Agricultural University	Infrastructure	Design of Small-Scale Windmill to Run Low- Power Devices	100,000.00	TECHNOLOGY DEVELOPMENT
73	UBA/26/0046/U-0749	U-0749	Manipal University Jaipur	MNIT Jaipur	Infrastructure	Hybrid Irrigation System for Smart Agriculture using IoT	100,000.00	TECHNOLOGY DEVELOPMENT
74	UBA/12/0039/S-15804	S-15804	PRASANTHI POLYTECHNIC	Andhra Universitys-15804	Infrastructure	TO INCREASE THE GROUND WATER LEVELS BY USING SOAK PITS AND RAIN, GRAY WATER HARVESTING	48,500.00	TECHNOLOGY CUSTOMIZATION

75	UBA/16/0097/C-25045	C-25045	M.A.M.College of Engineering & Technology	Tamil Nadu Agricultural University	Infrastructure	IOT based Automatic Waste Management System	100,000.00	TECHNOLOGY DEVELOPMENT
76	UBA/04/0026/C-10277	C-10277	BABA BANDA SINGH BAHADUR ENGINEERING COLLEGE	NITTTR Chandigarh	Infrastructure	Deigns and fabrication of Rain Water Harvesting (RWH) Unit	100,000.00	TECHNOLOGY DEVELOPMENT
77	UBA/19/0038/C-1406	C-1406	CMR Institute of Technology, Bangalore-560037	IISc Bangalore	Infrastructure	DRIP IRRIGATION SYSTEM BY USING EXISTING WATER SOURCE FOR AGRICULTURAL LAND	100,000.00	TECHNOLOGY DEVELOPMENT
78	UBA/16/0004/C-41046	C-41046	PSGR Krishnammal College for Women	Tamil Nadu Agricultural University	Infrastructure	Solar Power Enabled Smart Irrigation System with Automatic Sun Tracker	100,000.00	TECHNOLOGY DEVELOPMENT
79	UBA/12/0009/C-24171	C-24171	ANITS	Andhra University	Infrastructure	Eco-friendly illumination of street lights using solar cell-based LED lights	47,800.00	TECHNOLOGY DEVELOPMENT
80	UBA/16/0026/C-36926	C-36926	Kumaraguru College of Technology	Tamil Nadu Agricultural University	Water Resources	AI based water pipeline leak detection by analysing the signature analysis of Flow induced acoustic	100,000.00	TECHNOLOGY DEVELOPMENT
81	UBA/14/0108/C-10218	C-16571	Mohamed Sathak A J College of Engineering	IIT Madras	Water Resources	Automatic Water Tank Level Indicator & Motor Control Using Mobile Application	100,000.00	TECHNOLOGY DEVELOPMENT
82	UBA/22/091/C-13957	C-13957	Motiwalla(National) Homoeopathic Medical College and Hospital	Dr. BabaSaheb Ambedkar Marathawada University	Water Resources	Bore well	100,000.00	TECHNOLOGY DEVELOPMENT

83	UBA/15/0001/U-0453	U-0453	The gandhigram Rural Institute, Deemed to be University	Gandhigram Rural Institute	Water Resources	Development of Spatial Natural Resource Plan for Enrich GPDP in Chettiyapatti Gram Panchayat, Athoor Taluk, Dindigul District, Tamil Nadu.	100,000.00	TECHNOLOGY DEVELOPMENT
84	UBA/16/0037/C-37089	C-37089	Sri Ramakrishna Engineering College Coimbatore	Tamil Nadu Agricultural University	Water Resources	Implementation of Check Dam Technique in Keelpathy tribal village	50,000.00	TECHNOLOGY CUSTOMIZATION
85	UBA/14/0046/C-47765	C-47765	Shri Sathya Sai Medical College and Research Institute	IIT Madras	Water Resources	Installation of Reverse Osmosis Water Treatment Plant	100,000.00	TECHNOLOGY DEVELOPMENT
86	UBA/20/0054/C-1396	C-1396	Rao Bahadur Y Mahabaleswarappa Engineering College	Karnataka University, Dharwad	Water Resources	IOT Based Automatic Tank Cleaner for Drinking Water	100,000.00	TECHNOLOGY DEVELOPMENT
87	UBA/15/0029/C-26789	C-26789	ALAGAPPA CHETTIAR GOVERNMENT COLLEGE OF ENGINEERING AND TECHNOLOGY, KARAIKUDI,	Gandhigram Rural Institute	Water Resources	IOT based Smart Public Water Supply System at Kundrakudi	100,000.00	TECHNOLOGY DEVELOPMENT
88	UBA/23/0047/C-18650	C-18650	Jhulelal Institute of Technology	Sant Gadge Baba Amravati University	Water Resources	Rain Water Harvesting	100,000.00	TECHNOLOGY DEVELOPMENT
89	UBA/09/0001/C-25498	C-25498	MATRUSRI ENGINEERING	NIRD&PR	Water Resources	RAIN WATER HARVESTING	100,000.00	TECHNOLOGY DEVELOPMENT
90	UBA/19/0038/C-1406	C-1406	CMR Institute of Technology, Bangalore-560037	IISc Bangalore	Water Resources	Rain water harvesting ( SUBmitted in 2020 and SEG has commented to resubmit in TECHNOLOGY CUSTOMIZATION SCHEME with revised budget)	50,000.00	TECHNOLOGY CUSTOMIZATION

91	UBA/23/0013/C-43184	C-43184	Prof Ram Meghe College of Engineering & Management, Badnera Amravati	Sant Gadge Baba Amravati University	Water Resources	Rain water harvesting to ZP Middle school building, Dahegaon	50,000.00	TECHNOLOGY CUSTOMIZATION
92	UBA/15/0070/C-36582	C-36582	Maduari Institute of Social Sciences	Gandhigram Rural Institute	Water Resources	Removal of Prosopis Juliflora (Seemai Karuvelam)	100,000.00	TECHNOLOGY DEVELOPMENT
93	UBA/34/0001/U-0207	U-0207	National Institute of Technology Jamshedpur	NIT Jamshedpur	Water Resources	Mapping of potential water runoff harvesting sites using geospatial techniques and construction of a farm pond	95,000.00	TECHNOLOGY DEVELOPMENT
94	UBA/15/0026/C-25024	C-25024	MOUNT ZION COLLEGE OF ENGINEERING AND TECHNOLOGY	Gandhigram Rural Institute	Water Resources	Roof Top Rain Water Harvesting (RTRWH)	100,000.00	TECHNOLOGY DEVELOPMENT
95	UBA/29/0046/U-0604	U-0604	Amity University Madhya Pradesh Gwalior	Maulana Azad National Institute of Technology Bhopal	Water Resources	Utilization of rainwater for domestic use	85,000.00	TECHNOLOGY DEVELOPMENT
96	UBA/16/0008/C-41080	C-41080	AJK COLLEGE OF ARTS AND SCIENCE	Tamil Nadu Agricultural University	Liquid Waste Management	IMPLEMENTING COMMUNITY SOAK PIT IN PUTHUPATHI TRIBAL VILLAGE	100,000.00	TECHNOLOGY DEVELOPMENT
97	UBA/23/0029/C-56586	C-56586	GOVERNMENT COLLEGE OF ENGINEERING NAGPUR	Sant Gadge Baba Amravati University	Liquid Waste Management	VILLAGE WASTE WATER TREATMENT	100,000.00	TECHNOLOGY DEVELOPMENT



98	UBA/15/0071/U-0458	U-0458	KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION	Gandhigram Rural Institute	Liquid Waste Management	DEVELOPMENT OF ECONOMICALLY FEASIBLE CONSTRUCTED WETLAND TECHNOLOGY USING LOCALLY AVAILABLE PLANTS FOR TREATING GREY WATER IN VILLAGE	100,000.00	TECHNOLOGY DEVELOPMENT
99	UBA/24/0048/C-11208	C-11208	RAJARAMBPU INSTITUTE OF TECHNOLOGY, RAJARAMNAGAR	IIT Bombay	Liquid Waste Management	ADVANCED SEWAGE TREATMENT BY USING POLYMER AND GRAPHENE COATED FILTER SYSTEM	100,000.00	TECHNOLOGY DEVELOPMENT
100	UBA/14/0073/C-16614	C-16614	R.M.K. ENGINEERING COLLEGE	IIT Madras	Liquid Waste Management	BIO-FILTER FOR KITCHEN WASTEWATER IN RURAL AREAS	100,000.00	TECHNOLOGY DEVELOPMENT
101	UBA/14/0109/C-27064	C-27064	SETHU INSTITUTE OF TECHNOLOGY	IIT Madras	Liquid Waste Management	GREYWATER RECYCLING SYSTEM DESIGN AND ECONOMICAL ANALYSIS FOR RESIDENCES IN KARIAPATTI VILLAGE	100,000.00	TECHNOLOGY DEVELOPMENT
102	UBA/14/0030/U-0451	U-0451	CHETTINAD ACADEMY OF RESEARCH AND EDUCATION	IIT Madras	Liquid Waste Management	WASTEWATER REMEDICATION USING NANOTECHNOLOGY	100,000.00	TECHNOLOGY DEVELOPMENT
103	UBA/19/0038/C-1406	C-1406	CMR INSTITUTE OF TECHNOLOGY, BANGALORE- 560037	IISc Bangalore	Liquid Waste Management	SEWAGE TREATMENT PLANT SETUP FOR RURAL SECTOR OF INDIA	98,000.00	TECHNOLOGY DEVELOPMENT
<b>TOTAL</b>							<b>9,324,915.00</b>	



## GFR 12 – A

[(See Rule 238 (1))]

### FORM OF UTILIZATION CERTIFICATE FOR AUTONOMOUS BODIES OF THE GRANTEE ORGANIZATION

UTILIZATION CERTIFICATE FOR THE YEAR 2018-2019 in respect  
of recurring/non-recurring  
GRANTS-IN-AID/SALARIES/CREATION OF CAPITAL ASSETS

1. Name of the Scheme Unnat Bharat Abhiyan
2. Whether recurring or non-recurring grants Non- Recurring
3. Grants position at the beginning of the Financial year
  - (i) Cash in Hand/Bank 2,50,000
  - (ii) Unadjusted advances Nil
  - (iii) Total 2,50,000
4. Details of grants received, expenditure incurred and closing balances: (Actuals)

Unspent Balances of Grants received years [figure as at Sl. No. 3 (iii)]	Interest Earned thereon	Interest deposited back to the Government	Grant received during the year			Total Available funds (1+2-3+4)	Expenditure incurred	Closing Balances (5-6)
			Sanction No. (i)	Date (ii)	Amount (iii)			
1	2	3	4			5	6	7
			SBIN418239189985	27.08.2018	50,000	2,50,000	2,50,000	Nil
			SBIN519001643197	01.01.2019	1,00,000			
			SBIN519001643246	01.01.2019	1,00,000			

Component wise utilization of grants:

Grant-in-aid– General	Grant-in-aid– Salary	Grant-in-aid–creation of capital assets	Total
50,000	-	2,00,000	2,50,000

Details of grants position at the end of the year

- (i) Cash in Hand/Bank Nil
- (ii) Unadjusted Advances Nil
- (iii) Total Nil





Certified that I have satisfied myself that the conditions on which grants were sanctioned have been duly fulfilled/are being fulfilled and that I have exercised following checks to see that the money has been actually utilized for the purpose for which it was sanctioned:

- (i) The main accounts and other subsidiary accounts and registers (including assets registers) are maintained as prescribed in the relevant Act/Rules/Standing instructions (mention the Act/Rules) and have been duly audited by designated auditors. The figures depicted above tally with the audited figures mentioned in financial statements/accounts.
- (ii) There exist internal controls for safeguarding public funds/assets, watching outcomes and achievements of physical targets against the financial inputs, ensuring quality in asset creation etc. & the periodic evaluation of internal controls is exercised to ensure their effectiveness.
- (iii) To the best of our knowledge and belief, no transactions have been entered that are in violation of relevant Act/Rules/standing instructions and scheme guidelines.
- (iv) The responsibilities among the key functionaries for execution of the scheme have been assigned in clear terms and are not general in nature.
- (v) The benefits were extended to the intended beneficiaries and only such areas/districts were covered where the scheme was intended to operate.
- (vi) The expenditure on various components of the scheme was in the proportions authorized as per the scheme guidelines and terms and conditions of the grants-in-aid.
- (vii) It has been ensured that the physical and financial performance under Unnat Bharat Abhiyan (name of the scheme has been according to the requirements, as prescribed in the guidelines issued by Govt. of India and the performance/targets achieved statement for the year to which the utilization of the fund resulted in outcomes given at Annexure – I duly enclosed.
- (viii) The utilization of the fund resulted in outcomes given at Annexure – II duly enclosed (to be formulated by the Ministry/Department concerned as per their requirements/specifications.)
- (ix) Details of various schemes executed by the agency through grants-in-aid received from the same Ministry or from other Ministries is enclosed at Annexure – II (to be formulated by the Ministry/Department concerned as per their requirements/specifications).

Date: 10.10.2019

Place: Kannur

Signature

Name Mr. K. Mathew  
Chief Accounts Officer  
(Head of the Finance)

**ACCOUNTS OFFICER**  
Vimal Jyothi Engineering College  
Chemperi

Signature

Name Dr. Benny Joseph  
Head of the Organisation

**Dr. BENNY JOSEPH**  
PRINCIPAL  
VIMAL JYOTHI ENGINEERING COLLEGE  
CHEMPERI, KANNUR DIST. KERALA - 670 632

