

 ATMIYA UNIVERSITY	NAAC – Cycle – 1 AISHE: U-0967	
	Criterion 3	R, I & E
	KI 3.3	M 3.3.1

3.3.1	Institution has created an ecosystem for innovations, Indian Knowledge System (IKS) including awareness about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of technology/knowledge and the outcomes of the same are evident
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Technology Developed and Transferred by Innovation Fellows (2022-2024)

S.N.	Technology	Start-up Name	Innovator	Sanctioned Amount (Rs.)	Page No.
1	Generation of green hydrogen using bio hybrid materials	Galaxy Ecoenergy Pvt. Ltd.	Dr. Tulshi Siyani	1085000	3-13
2	Impacting environment by turning agri. waste into commensally viable product using fungal application.	Mycowrap Packaging Pvt. Ltd.	Ms. Mintu Nimavat	720000	14-25

Prototypes under Development by Innovation Fellows (2024-2025)

S.N.	Prototype	Innovator	Sanctioned Amount (Rs.)	Page No.
1	The Testing Kit for the Detection of Abnormalities during Pregnancy	Ms. Harshita Rajora	990000	27-36
2	Cost Effective Portable device for efficient thyroid detection	Dr. Sagar Teraiya	1370000	37-48



Atmiya Registrar, Rajkot-Gujarat-India

Atmiya University
Rajkot





**ATMIYA
UNIVERSITY**

NAAC – Cycle – 1
AISHE: U-0967

Criterion 3

R, I & E

KI 3.3

M 3.3.1

Technology Developed and Transferred by Innovation Fellows (2022-2024)

Atmiya Registrar, Rajkot-Gujarat-India

Atmiya University
Rajkot



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**ATMIYA
UNIVERSITY**

**NAAC – Cycle – 1
AISHE: U-0967**

Criterion 3

R, I & E

KI 3.3

M 3.3.1

Generation of Green Hydrogen: Sub Grant Agreement

INDIA NON JUDICIAL	
Government of Gujarat	
Certificate of Stamp Duty	
Certificate No.	IN-GJ15391880558742V
Certificate Issued Date	27-Feb-2023 12:17 PM
Account Reference	IMPACC (AC)/ gj13052611/ RAJKOT/ GJ-RA
Unique Doc. Reference	SUBIN-GJGJ1305261158112369013699V
Purchased by	Shiyani Tulshibhai Muljibhai
Description of Document	Article 14 Bond
Description	Sub Grant Agreement
Consideration Price (Rs.)	0 (Zero)
First Party	MS Atmiya University
Second Party	Shiyani Tulshibhai Muljibhai
Stamp Duty Paid By	MS Atmiya University
Stamp Duty Amount(Rs.)	300 (Three Hundred only)

IN-GJ15391880558742V

₹300

सत्यमेव जयते

Stamp Duty Paid By: MS Atmiya University

Stamp Duty Amount(Rs.): 300 (Three Hundred only)

Stamp: RINA S. JOSHI, GOVERNMENT OF INDIA, Regd. no 13222/2017, RAJKOT, NOTARY

Stamp: R.S. JOSHI, RAJKOT, NOTARY

QR Code

Statutory Alert:

1. The authenticity of this Stamp certificate should be verified at 'www.shcstestamp.com' or using the Stamp Mobile App of Stock Holding. Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid.
2. The onus of checking the legitimacy is on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority.

Atmiya Registrar, Rajkot-Gujarat-India

**Atmiya University
Rajkot**





SUB GRANT AGREEMENT

THIS AGREEMENT made on this 27th day of February 2023 at Atmiya University, Rajkot by and between:

M/s Atmiya University an University having its registered office at Yogidham Gurukul, Kalawad Road, Rajkot, 360005, Gujarat India, hereinafter to be referred as "**E-YUVA Centre**" (which expression shall wherever the context so admits include its successors and assignees), of the **First Part**.

And

Mr. Shiyani Tulshi S/o Muiibhai permanent resident of Tulsi, Society Street-3, Near Shiv Temple, Anandpar Navagam Rajkot, Gujarat 360003 and having the Project Titled: **Generation of green hydrogen using biohybrid materials.**, hereinafter to be referred as "**Innovation Fellow**" of the **Second Part**.

WHEREAS all the parts collectively to be referred as "Parties".

WHEREAS, BIRAC has entrusted the E-YUVA Centre with the implementation of the E YUVA Scheme on this E-YUVA Centre from initiation to closure of individual projects including necessary processing of the proposals, organizing various meetings and training programs, execution of the decisions taken, disbursement of funds, monitoring of the physical and financial progress of the Project and to obtain reports and returns and clarifications as required from time to time from the Innovation Fellows.

WHEREAS Innovation Fellow has been selected for E-YUVA Innovation Fellowship for the research Project entitled "**Generation of green hydrogen using biohybrid materials.**", hereinafter to be referred as "PROJECT" and appended herein as **Annexure-1**;

WHEREAS all the Annexures to this Agreement shall be read as an integral part of the Agreement.

NOW THEREFORE the Parties on valid consideration and mutual covenants enter into this **SUB GRANT AGREEMENT**, hereinafter to be referred as "SGA" as provided hereunder:

Page 1 of 11

Atmiya Registrar, Rajkot-Gujarat-India

**Atmiya University
Rajkot**





1. RESPONSIBILITIES OF THE INNOVATION FELLOW

(a) The Innovation Fellow shall:

- i. Carry out the activities of the Project and conform to the specified objectives, outputs, milestones, and targets.
- ii. Meet the resources on the Project activities to the extent as agreed to, as per details given in **Annexure 1**.
- iii. Submit a utilization certificate and statement of accounts in accordance with the internal policy of the E-YUVA Centre for the expenditure incurred on the Project for the half year, ending 30th September and 31st March, to E-YUVA Centre, within a month of the respective half year, in the format provided by E-YUVA Centre.
- iv. Submit a milestones progress report to the E-YUVA Centre as per the timeline and participate in the meetings organized by E-YUVA Centre to review the progress of the Project, as and when called for.
- v. Obtain all the necessary requisite approvals, clearance certificates, permissions and licenses from the Government/local authorities for conducting its operations in connection with the Project.
- vi. Keep the grant assistance in a separate no-lien account in the name of the Innovation Fellow with a scheduled bank, the payments from which account shall be subject to verification by the E-YUVA Centre. It shall also obtain a No-lien account letter from the bank in the standard template as prescribed by the E-YUVA Centre and furnish the same with the E-YUVA Centre.
- vii. Utilize the amounts sanctioned by E-YUVA Centre for the Project only for the purposes as specified in the Project and shall not entrust the implementation of the Project to another agency or divert the grant-in-aid assistance.
- viii. Abide by the decision of E-YUVA Centre to modify the objectives, outputs, milestones, targets, and funding as also the foreclosure of the Project or of its components after mutual discussion;
- ix. Acknowledge the assistance of BIRAC while publishing or presenting in any manner the details of the Project, its progress or its success.
- x. In the case of any ambiguity or conflict or inconsistency between this Agreement and any other associated agreement(s) entered into between Innovation Fellow and E YUVA Centre on the same subject matter, the provisions of this Agreement shall take precedence.

(b) The Innovation Fellow warrants that:





- i. It shall obtain prior consent of E-YUVA Centre in writing before entering into any agreement or arrangement with any other party, national or international, on the Project having overlapping objectives or having an impact on Intellectual Property for the Project duration;
 - ii. It is under no contractual restrictions or legal disqualifications or other obligations which will prohibit the Innovation Fellow from entering into this agreement or which will interfere with the execution of this agreement; and
 - iii. Each and every one of the statements and particulars herein contained in this agreement and in the relevant and supporting documents to this agreement are correct;
- (c) The Innovation Fellow acknowledges and agrees that:
- i. The duties, responsibilities and functions assigned or entrusted to it as specified in the Project document shall be deemed to be the duties, responsibilities and functions assigned and entrusted under this Agreement and unless for reasons beyond control under normal circumstances any undue delay, failure or default in performance of the duties, responsibilities and functions as specified in the Project shall be deemed to be a default under this Agreement.

2. FINANCIAL ARRANGEMENTS

The financial arrangements under this Agreement are as here under

- i. The total fund approved by BIRAC and granted by E-YUVA Centre on behalf of BIRAC to Innovation Fellow towards the Project is as follows:

For Post-Doctoral Fellow:

- Annual Research Grant Rs 4,85,000/- (Rupees Four Lakh Eighty-Five Thousand Only) and
 - Fellowship grant Rs. 50,000/- (Rupees Fifty thousand) per month on the terms and conditions detailed in this Agreement.
- ii. The annual research grant will be released in three installments as mentioned below:
 - 1st Installment: 50%,
 - 2nd Installment: 25% &
 - 3rd Installment 25%

E-YUVA Centre shall release the first instalment to the Innovation Fellow upon signing of the Agreement and subject to the fulfilment of the terms and conditions for such release. Further release of funds shall be subject to satisfactory progress against





the objectives, outputs, milestones, and targets specified in the Project as determined by E- YUVA Centre and on submission of statement of accounts and utilization certificates.

- iii. The Innovation Fellow shall ensure that the funds of the Project are actually utilized only for the Project and as expressly provided in this Agreement.
- iv. The Innovation Fellow shall refund immediately any funds out of grant disbursed to it for the Project remaining unutilized with it on completion of the Project to E YUVA Centre along with detailed accounts of funds received, utilized and unutilized.

3. E-YUVA MONITORING COMMITTEE (EMC)

E-YUVA Centre will constitute a E-YUVA MONITORING COMMITTEE (EMC) comprising eminent expert(s) from the relevant fields based on specific aspects of the Project. EMC will assess the progress of the Project in conformity with the outputs, milestones, targets and objectives as contained in the Agreement. EMC will make recommendations accordingly and will provide mentorship and handholding services.

4. RESULTS OF THE PROJECT

- i. The deliverables from the Project are defined and are included in the Project details at **Annexure 1**.
- ii. Any Intellectual Property (IP) developed out of this grant/ project shall be the sole property of the Innovation Fellow. It is the responsibility of the Innovation Fellow to protect any IP generated during the conduct of the Project. It shall bear the expenditure involved in protecting such IP. During the Project Duration, the Innovation Fellow shall not assign or transfer the IP to any third party directly or indirectly without prior written consent from E-YUVA Centre.

5. PROJECT DURATION

The Innovation Fellow shall complete the Project within the stipulated period of 18 (Eighteen) months after the date of execution of this Agreement or as per the corresponding order(s) issued by E-YUVA Centre from time to time.





6. CONFIDENTIALITY

i. During the tenure of the Agreement, the Parties, undertake to maintain strict confidentiality and refrain from disclosure thereof, of all or any part of the information and data exchanged/generated from the Project under this Agreement for any purpose other than in accordance with this Agreement. It shall be the responsibility of both the Parties to ensure maintenance of such confidentiality in respect of their behalf and on behalf of their employees, representatives and associates involved in the Project.

7. FORECLOSURE

i. In case, during the tenure of the Project, it is found that the Project or any Project component is not likely to lead to successful completion, E-YUVA Centre may decide to foreclose the Project or the Project component as warranted. The decision of the E- YUVA Centre shall be final in all respects. The Innovation Fellow shall immediately refund any funds unutilized out of E-YUVA Centre's disbursements, after deducting the legally committed expenses to third party vendors, to E-YUVA Centre etc., along with detailed accounts of funds received, utilized and unutilized within 30 days of Foreclosure Order. The entire outstanding amount as on the date of foreclosure will become due and payable immediately on issuance of the Foreclosure order by the E- YUVA Centre.

8. FORCE MAJEURE

The Parties shall not be held responsible for non-fulfillment of their respective obligations in successful completion of the Project under this Agreement due to the exigency of one or more of the *force majeure* events such as but not limited to acts of God, war, flood, earthquakes, strikes not confined to the premises of the Party, lockouts beyond the control of the Party claiming *force majeure*, epidemics, riots, civil commotion etc. lying beyond the reasonable control of and not brought about at the instance of the Party claiming to be affected by such event and which has caused the non-performance or delay in performance; provided on the occurrence and cessation of any such event the Party affected has given a notice in writing to the other Party within one month of such occurrence or cessation. If the *force majeure* conditions continue beyond six months, the Parties shall jointly decide about the future course of action on the Project. The validity of the claim of *force majeure* shall be determined by E-YUVA Centre after due enquiry and the decision in this regard shall be final.





9. DISPUTE RESOLUTION

In the event of any dispute or difference between the Parties hereto upon or in relation to or in connection with this Agreement, such dispute or difference shall be resolved amicably by mutual consultation. If the dispute is not resolved, then the same shall be referred to Managing Director (MD), BIRAC for final resolution. The decision of MD BIRAC shall be final and binding on all parties.

10. EFFECTIVE DATE AND TENURE OF THE AGREEMENT

- i. The Agreement shall be valid for a period of 18 (Eighteen) months from the effective date. It can be extended if agreed to by both the Parties.
- ii. Two copies of the Agreement shall be signed by both the Parties and one copy each shall remain in the custody of each Party.

11. NOTICES AND JURISDICTION

- i. All notices and other communications required to be served on the E-YUVA CENTRE including for violation of the terms of this Agreement shall be considered to be duly served if the same shall have been delivered by registered mail at its address as below.
- ii. Similarly, any notice to be given to Innovation Fellow shall be considered as duly served if the same shall have been delivered by registered mail at its address as below:

Subject to the provisions of **Clause 10** hereof, the Courts at Rajkot shall have exclusive jurisdiction in all matters concerning this Agreement including any matter arising therein.

12. GOVERNING LAW

This Agreement shall be governed and interpreted in accordance with the laws of India.

IN WITNESS WHEREOF the Parties hereto through its duly authorized representatives have signed this Agreement on the day, month and year mentioned hereinbefore.





① Rohan Vinodbhai Pandye
 ② solemnly Affirmed before me by
 Shri. Telesh. Vinodbhai
 Who is identified by me personally known to
 Advocate who is known to
 me on this. 27.02.2023
 Page No. 06
 Serial No. 131/23
 Receipt No. 131/23
 Date. 27/02/23





Parties

For and on behalf of the E-YUVA CENTRE

Signature: *[Handwritten Signature]*

Name: **Dr. Rohan Pandya**

Designation: **Chief Coordinator, E-YUVA Center**

Project Investor
Entitled- Esabl.... DRAC EYC
kefNc,,RT/EUVAO/01/10
ept. of Bioecnolay & Miobiology
Faculty of Scice, Amiya Unis i ty
R.,jkot, Pin-360005 (Gnt)

Witnesses

Signature

Signature *K. S. Prasad*

Place: Rajkot

Place: Rajkot

Date: *27/02/2023*

Date: *27/02/2023*

Name: *Atmiya University*

Name: *Kowdodi Siva Prasad*

Address: *Ahmedabad University*
Rajkot

Address: *HITAM, Kowdodli Village,
Medchal, Solapur*

For and on behalf of the INNOVATION FELLOW

Signature: *[Handwritten Signature]*

Name: *Shiyani Tulshi Muljibhai*

Designation: Innovation Fellow

Witnesses

Signature

Signature *K.S. Prasad*

Place: Rajkot

Place: Rajkot

Date: *27/02/2023*

Date: *27/02/2023*

Name: *Atmiya University*

Name: *Kowdodi Siva Prasad*

Address: *Atmiya University*
Rajkot

Address: *HITAM, Hyderabad,
Medchal, Solapur*

[Handwritten Signature]





Generation of Green Hydrogen: Brief Summary





Technology Transfer for Efficient Green Hydrogen Production



Application Filing Receipt

**Government of India
Patent Office**
Intellectual Property Office Building,
S.M. Road, Antop Hill,
Mumbai-400037
Phone- 022-24137701,24142026
Fax: 022-24130387
e-mail: mumbai-patent@nic.in

CBR Number : 43944

CBR date: 26-10-2023

Application Type: ORDINARY APPLICATION
Priority Number:
Priority Date:
Priority Country: Not Selected

To,
Galaxy EcoEnergy Private Limited
EXCELON IP (Sanjaykumar Patel) 627-Gala Empire, Drive In Road, Thaltej, Ahmedabad, Gujarat 380054

Received documents purporting to be an application for patent numbered 202321072762 dated 26-10-2023 by Galaxy EcoEnergy Private Limited of 6, Khodiyar park, street no. 5, Anandpar-Navagam main road, Rajkot-360003, Gujarat relating to A GENERATION OF GREEN HYDROGEN USING BIOHYBRID MATERIALS together with the Provisional and fee(s) of ₹1600 (One Thousand Six Hundred only).

Note:

1. In case of Patent Application accompanied by a Provisional Specification, a complete Specification should be filed within 12 months from the date of filing of the Provisional Specification, failing which the application will be deemed to be abandoned under Section 9(1) of the Patent Act, 1970.
2. You may withdraw the application at any time before the grant of patent, if you wish so. If, in addition to withdrawal, you also wish to prevent the publication of application in the Patent Office Journal, the application should be withdrawn within fifteen months from the date of priority of date of filing, whichever is earlier.
3. If not withdrawn, your application will be published in the Patent Office Journal after eighteen months from the date of priority of date of filing, whichever is earlier.
4. If you wish to get your application examined, you should file a request for examination in Form-18 within 48 months from the date of priority or date of filing, whichever is earlier, failing which the application will be treated as withdrawn by the applicant under Section 11(B)(1) of the Patent Act, 1970.

(For Controller of Patents)

Atmiya Registrar, Rajkot-Gujarat-India

**Atmiya University
Rajkot**





**ATMIYA
UNIVERSITY**

**NAAC – Cycle – 1
AISHE: U-0967**

Criterion 3

R, I & E

KI 3.3

M 3.3.1

Agri. Waster Conversion using Fungal Application:

Sub grant Agreement: Mintu Nimavat

**INDIA NON JUDICIAL
Government of Gujarat
Certificate of Stamp Duty**

₹300

सत्यमेव जयते

Certificate No. : IN-GJ79493971257585U

Certificate Issued Date : 26-Dec-2022 12:33 PM

Account Reference : IMPACC (AC)/ gj13052611/ RAJKOT/ GJ-RA

Unique Doc. Reference : SUBIN-GJGJ1305261187141785127753U

Purchased by : MS Atmiya University

Description of Document : Article 14 Bond

Description : Sub Grant Agreement

Consideration Price (Rs.) : 0
(Zero)

First Party : MS Atmiya University

Second Party : Mintu Sureshbhai Nimavat

Stamp Duty Paid By : MS Atmiya University

Stamp Duty Amount(Rs.) : 300
(Three Hundred only)

RINA S. JOSHI
GOVERNMENT OF INDIA
Regd. no
13222/2017
NOTARY
RAJKOT

ANILON R. S. JOSHI
RAJKOT

KC 0018956530

Statutory Alert:
1. The authenticity of this Stamp certificate should be verified at 'www.shclstamp.com' or using e-Stamp Mobile App of Stock Holding.
2. The onus of checking the legitimacy is on the users of the website / Mobile App renders it invalid.
3. In case of any discrepancy please inform the Competent Authority.

Atmiya Registrar, Rajkot-Gujarat-India

**Atmiya University
Rajkot**





SUB GRANT AGREEMENT

THIS AGREEMENT made on this 26th day of December 2022 at Atmiya University
by and between:

M/s Atmiya University an University having its registered office at Yogidham Gurukul,
Kalawad Road, Rajkot, 360005, Gujarat India, hereinafter to be referred as “E-YUVA
Centre” (which expression shall wherever the context so admits include its successors and
assignees), of the **First Part**.

And

Ms. Mintu Nimavat D/o Sureshbhai permanent resident of Champabeda Rajkot, Gujarat
360070 and having the Project Titled: **Impacting Environment by turning Agriculture
Waste into Commercially Viable Product Using Fungal Application**, hereinafter to be
referred as “**Innovation Fellow**” of the **Second Part**.

WHEREAS all the parts collectively to be referred as “Parties”;

WHEREAS, BIRAC has entrusted the E-YUVA Centre with the implementation of the E-
YUVA Scheme on this E-YUVA Centre from initiation to closure of individual projects
including necessary processing of the proposals, organizing various meetings and training
programs, execution of the decisions taken, disbursement of funds, monitoring of the physical
and financial progress of the Project and to obtain reports and returns and clarifications as
required from time to time from the Innovation Fellows.

WHEREAS Innovation Fellow has been selected for E-YUVA Innovation Fellowship for the
research Project entitled “**Impacting environment by turning agri. waste into
commercially viable product using Fungal Application**”, hereinafter to be referred as
“PROJECT” and appended herein as **Annexure-1**;

WHEREAS all the Annexures to this Agreement shall be read as an integral part of the
Agreement.

NOW THEREFORE the Parties on valid consideration and mutual covenants enter into
this SUB GRANT AGREEMENT, hereinafter to be referred as “SGA” as provided
hereunder;





1. RESPONSIBILITIES OF THE INNOVATION FELLOW

(a) The Innovation Fellow shall:

- i. Carry out the activities of the Project and conform to the specified objectives, outputs, milestones, and targets;
- ii. Meet the resources on the Project activities to the extent as agreed to, as per details given in **Annexure 1**;
- iii. Submit a utilization certificate and statement of accounts in accordance with the internal policy of the E-YUVA Centre for the expenditure incurred on the Project for the half year, ending 30th September and 31st March, to E-YUVA Centre, within a month of the respective half year, in the format provided by E-YUVA Centre;
- iv. Submit a milestones progress report to the E-YUVA Centre as per the timeline and participate in the meetings organized by E-YUVA Centre to review the progress of the Project, as and when called for.
- v. Obtain all the necessary requisite approvals, clearance certificates, permissions and licenses from the Government/local authorities for conducting its operations in connection with the Project;
- vi. Keep the grant assistance in a separate no-lien account in the name of the Innovation Fellow with a scheduled bank, the payments from which account shall be subject to verification by the E-YUVA Centre. It shall also obtain a No-lien account letter from the bank in the standard template as prescribed by the E-YUVA Centre and furnish the same with the E-YUVA Centre.
- vii. Utilize the amounts sanctioned by E-YUVA Centre for the Project only for the purposes as specified in the Project and shall not entrust the implementation of the Project to another agency or divert the grant-in-aid assistance;
- viii. Abide by the decision of E-YUVA Centre to modify the objectives, outputs, milestones, targets, and funding as also the foreclosure of the Project or of its components after mutual discussion;
- ix. Acknowledge the assistance of BIRAC while publishing or presenting in any manner the details of the Project, its progress or its success.
- x. In the case of any ambiguity or conflict or inconsistency between this Agreement and any other associated agreement(s) entered into between Innovation Fellow and E-YUVA Centre on the same subject matter, the provisions of this Agreement shall take precedence.





(b) The Innovation Fellow warrants that:

- i. It shall obtain prior consent of E-YUVA Centre in writing before entering into any agreement or arrangement with any other party, national or international, on the Project having overlapping objectives or having an impact on Intellectual Property for the Project duration;
- ii. It is under no contractual restrictions or legal disqualifications or other obligations which will prohibit the Innovation Fellow from entering into this agreement or which will interfere with the execution of this agreement; and
- iii. Each and every one of the statements and particulars herein contained in this agreement and in the relevant and supporting documents to this agreement are correct;

(c) The Innovation Fellow acknowledges and agrees that:

- i. The duties, responsibilities and functions assigned or entrusted to it as specified in the Project document shall be deemed to be the duties, responsibilities and functions assigned and entrusted under this Agreement and unless for reasons beyond control under normal circumstances any undue delay, failure or default in performance of the duties, responsibilities and functions as specified in the Project shall be deemed to be a default under this Agreement;

2. FINANCIAL ARRANGEMENTS

The financial arrangements under this Agreement are as here under

- i. The total fund approved by BIRAC and granted by E-YUVA Centre on behalf of BIRAC to Innovation Fellow towards the Project is as follows:

For Post Graduate Fellow:

- Annual Research Grant Rs 1,80,000/- (Rupees One Lakh Eighty Thousand Only) only; and
- Fellowship grant Rs. 30,000/- (Rupees Thirty thousand) per month on the terms and conditions detailed in this Agreement.

- ii. The annual research grant will be released in three installments as mentioned below:

- 1st Installment: 50%,
- 2nd Installment: 25% &
- 3rd Installment 25%

E-YUVA Centre shall release the first instalment to the Innovation Fellow upon signing of the Agreement and subject to the fulfilment of the terms and conditions for





such release. Further release of funds shall be subject to satisfactory progress against the objectives, outputs, milestones, and targets specified in the Project as determined by E- YUVA Centre and on submission of statement of accounts and utilization certificates.

- iii. The Innovation Fellow shall ensure that the funds of the Project are actually utilized only for the Project and as expressly provided in this Agreement.
- iv. The Innovation Fellow shall refund immediately any funds out of grant disbursed to it for the Project remaining unutilized with it on completion of the Project to E-YUVA Centre along with detailed accounts of funds received, utilized and unutilized.

3. E-YUVA MONITORING COMMITTEE (EMC)

E-YUVA Centre will constitute a E-YUVA MONITORING COMMITTEE (EMC) comprising eminent expert(s) from the relevant fields based on specific aspects of the Project. EMC will assess the progress of the Project in conformity with the outputs, milestones, targets and objectives as contained in the Agreement. EMC will make recommendations accordingly and will provide mentorship and handholding services.

4. RESULTS OF THE PROJECT

- i. The deliverables from the Project are defined and are included in the Project details at **Annexure 1**.
- ii. Any Intellectual Property (IP) developed out of this grant/ project shall be the sole property of the Innovation Fellow. It is the responsibility of the Innovation Fellow to protect any IP generated during the conduct of the Project. It shall bear the expenditure involved in protecting such IP. During the Project Duration, the Innovation Fellow shall not assign or transfer the IP to any third party directly or indirectly without prior written consent from E-YUVA Centre.

5. PROJECT DURATION

The Innovation Fellow shall complete the Project within the stipulated period of 18 (Eighteen) months after the date of execution of this Agreement or as per the corresponding order(s) issued by E-YUVA Centre from time to time.

6. CONFIDENTIALITY





- i. During the tenure of the Agreement, the Parties, undertake to maintain strict confidentiality and refrain from disclosure thereof, of all or any part of the information and data exchanged/generated from the Project under this Agreement for any purpose other than in accordance with this Agreement. It shall be the responsibility of both the Parties to ensure maintenance of such confidentiality in respect of their behalf and on behalf of their employees, representatives and associates involved in the Project.

7. FORECLOSURE

- i. In case, during the tenure of the Project, it is found that the Project or any Project component is not likely to lead to successful completion, E-YUVA Centre may decide to foreclose the Project or the Project component as warranted. The decision of the E- YUVA Centre shall be final in all respects. The Innovation Fellow shall immediately refund any funds unutilized out of E-YUVA Centre's disbursements, after deducting the legally committed expenses to third party vendors, to E-YUVA Centre etc., along with detailed accounts of funds received, utilized and unutilized within 30 days of Foreclosure Order. The entire outstanding amount as on the date of foreclosure will become due and payable immediately on issuance of the Foreclosure order by the E- YUVA Centre.

8. FORCE MAJEURE

The Parties shall not be held responsible for non-fulfillment of their respective obligations in successful completion of the Project under this Agreement due to the exigency of one or more of the *force majeure* events such as but not limited to acts of God, war, flood, earthquakes, strikes not confined to the premises of the Party, lockouts beyond the control of the Party claiming *force majeure*, epidemics, riots, civil commotion etc. lying beyond the reasonable control of and not brought about at the instance of the Party claiming to be affected by such event and which has caused the non-performance or delay in performance; provided on the occurrence and cessation of any such event the Party affected has given a notice in writing to the other Party within one month of such occurrence or cessation. If the *force majeure* conditions continue beyond six months, the Parties shall jointly decide about the future course of action on the Project. The validity of the claim of *force majeure* shall be determined by E-YUVA Centre after due enquiry and the decision in this regard shall be final.





9. DISPUTE RESOLUTION

In the event of any dispute or difference between the Parties hereto upon or in relation to or in connection with this Agreement, such dispute or difference shall be resolved amicably by mutual consultation. If the dispute is not resolved, then the same shall be referred to Managing Director (MD), BIRAC for final resolution. The decision of MD BIRAC shall be final and binding on all parties.

10. EFFECTIVE DATE AND TENURE OF THE AGREEMENT

- i. The Agreement shall be valid for a period of 18 (Eighteen) months from the effective date. It can be extended if agreed to by both the Parties.
- ii. Two copies of the Agreement shall be signed by both the Parties and one copy each shall remain in the custody of each Party.

11. NOTICES AND JURISDICTION

- i. All notices and other communications required to be served on the E-YUVA CENTRE including for violation of the terms of this Agreement shall be considered to be duly served if the same shall have been delivered by registered mail at its address as below.
- ii. Similarly, any notice to be given to Innovation Fellow shall be considered as duly served if the same shall have been delivered by registered mail at its address as below:

Subject to the provisions of **Clause 10** hereof, the Courts at Rajkot shall have exclusive jurisdiction in all matters concerning this Agreement including any matter arising therein.

12. GOVERNING LAW

This Agreement shall be governed and interpreted in accordance with the laws of India.

IN WITNESS WHEREOF the Parties hereto through its duly authorized representatives have signed this Agreement on the day, month and year mentioned hereinbefore.





Parties

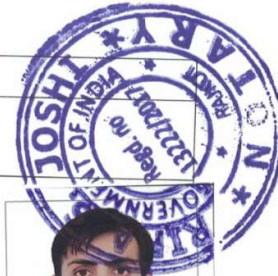
For and on behalf of the E-YUVA CENTRE

Signature:

Name: **Dr. Rohan Pandya**

Designation: **Chief Coordinator, E-YUVA Center**

Project Investigator
Entitled- Establ.... BIRAC EYC
Ref No. BT/EYUVA0040/01/20
Dept. of Biotechnology & Microbiology
Faculty of Science, Atmiya University
Rajkot, Pin-360605 (Gujrat)



Witnesses

Signature

Place: Rajkot

Date: 26/12/2022

Name: Tank Shirani

Address: 145, Parijat Residency,
Sadhu Vaarvan Road,
Rajkot - 360005
8622 9590 6962

Signature

Place: Rajkot

Date: 26/12/2022

Name: Ragini Raghav

Address: B-29 Sri Ram Apts,
Sector 4, Plot no. 32,
Dwarka, New Delhi-110075
6885 3793 8316

For and on behalf of the INNOVATION FELLOW

Signature:

Name: **Mintu Nivedesh**

Designation: Innovation Fellow

Witnesses





**ATMIYA
UNIVERSITY**


**NAAC – Cycle – 1
AISHE: U-0967**

Criterion 3

R, I & E

KI 3.3

M 3.3.1

<p>Signature <i>Aditya Sarin</i></p> <p>Place: Rajkot</p> <p>Date: 26-12-2022</p> <p>Name: ADITYA SARIN 6636 3607 9784</p> <p>Address: FLAT-12 SEC-17 PKT-E PEEPAL APARTMENT DWARKA PH-II NEW DELHI Coordinator E-YUVA CENTER Atmiya University Rajkot</p>	<p>Signature <i>J. B. Rajgor</i></p> <p>Place: Rajkot</p> <p>Date: 26-12-2022</p> <p>Name: Jeet B. Rajgor</p> <p>Address: 30 J. Maruti.com Plex, Bejarang Wadi, Jamnagar Road, Rajkot. 360006</p> 
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[Handwritten Signature]



 ATMIYA UNIVERSITY	NAAC – Cycle – 1 AISHE: U-0967	
	Criterion 3	R, I & E
	KI 3.3	M 3.3.1

Brief Description



Agri. waste & its improper management cause land, air & water pollution. Now a days which is considered as a global problem. Burning stubble or husk on ground decreases the nutrients in the soil, making it less fertile. Mycelium is that collection of filamentous fibers extending out from the hyphae of any fungus. Mycelium is a biomaterial that is renewable in nature and has the capability to grow quickly on agricultural wastes. Thin fibers grown from the fungus can bind the matrix material to form bio composite materials that are strong as well as biodegradable. Help to replace Styrofoam's. Nontoxic, Fire proof, water resistant, 100% Biodegradable, Boost in economy, Leads towards the SDG goal (sustainable development goals)



Atmiya Registrar, Rajkot-Gujarat-India

Atmiya University
Rajkot







Technology Transfer for Eco-friendly Packaging Material



Application Filing Receipt

**Government of India
Patent Office**
Intellectual Property Office Building,
S.M. Road, Antop Hill,
Mumbai-400037
Phone- 022-24137701,24142026
Fax: 022-24130387
e-mail: mumbai-patent@nic.in

CBR Number : 24450

CBR date: 23-05-2024

Application Type: ORDINARY APPLICATION
Priority Number:
Priority Date:
Priority Country: Not Selected

To,
MYCOWRAP PACKAGING PRIVATE LIMITED
EXCELON IP (Sanjaykumar Patel) 627-Gala Empire, Drive In Road, Thaltej, Ahmedabad, Gujarat 380054

Received documents purporting to be an application for patent numbered 202421040320 dated 23-05-2024 by MYCOWRAP PACKAGING PRIVATE LIMITED of A- 203 Kasumbi Eligance, Opp Rajpath Siesta, Mavdi, Rajkot, Gujarat, India, 360004 relating to A MYCELIUM BASED BIO-PACKAGING MATERIAL together with the Provisional and fee(s) of ₹1600 (One Thousand Six Hundred only).

Note:

1. In case of Patent Application accompanied by a Provisional Specification, a complete Specification should be filed within 12 months from the date of filing of the Provisional Specification, failing which the application will be deemed to be abandoned under Section 9(1) of the Patent Act, 1970.
2. You may withdraw the application at any time before the grant of patent, if you wish so. If, in addition to withdrawal, you also wish to prevent the publication of a application in the Patent Office Journals, the application should be withdrawn within fifteen months from the date of priority of date of filing, whichever is earlier.
3. If not withdrawn, your application will be published in the Patent Office Journal after eighteen months from the date of priority of date of filing, whichever is earlier.
4. If you wish to get your application examined, you should file a request for examination in Form-18 within 48 months from the date of priority or date of filing, whichever is earlier, failing which the application will be treated as withdrawn by the applicant under Section 11(B)(4) of the Patent Act, 1970.

(For Controller of Patents)

Atmiya Registrar, Rajkot-Gujarat-India

**Atmiya University
Rajkot**





**ATMIYA
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NAAC – Cycle – 1
AISHE: U-0967

Criterion 3

R, I & E

KI 3.3

M 3.3.1

Prototypes under Development by Innovation Fellows (2024-2025)

Atmiya Registrar, Rajkot-Gujarat-India

Atmiya University
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NAAC – Cycle – 1
AISHE: U-0967

Criterion 3

R, I & E

KI 3.3

M 3.3.1

**The Testing Kit for the Detection of Abnormalities during Pregnancy:
Sub grant Agreement: Ms. Harshita Rajora**

 सत्यमेव जयते	
INDIA NON JUDICIAL Government of Gujarat Certificate of Stamp Duty	
Certificate No.	IN-GJ10213111234650W
Certificate Issued Date	19-Jun-2024 01:51 PM
Account Reference	IMPACC (AC)/ gj13052611/ RAJKOT/ GJ-RA
Unique Doc. Reference	SUBIN-GJGJ1305261139089607675855W
Purchased by	Nishant Gopalan
Description of Document	Article 5(h) Agreement (not otherwise provided for)
Description	SUB GRANT AGREEMENT
Consideration Price (Rs.)	0 (Zero)
First Party	Atmiya University Nishant Gopalan
Second Party	Harshita Chandresh Rajora
Stamp Duty Paid By	Atmiya University Nishant Gopalan
Stamp Duty Amount(Rs.)	300 (Three Hundred only)




JD 0025919013

Statutory Alert:

1. The authenticity of this Stamp certificate should be verified at www.shclstamp.com or using e-Stamp Mobile App of Stock Holding. Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid.
2. The onus of checking the legitimacy is on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority.

Atmiya Registrar, Rajkot-Gujarat-India

**Atmiya University
Rajkot**





SUB GRANT AGREEMENT

THIS AGREEMENT made on this 24th June 2024 at Atmiya University, Rajkot by and between:

M/s Atmiya University an University having its registered office at Yogidham Gurukul, Kalawad Road, Rajkot, 360005, Gujarat India, hereinafter to be referred as “**E-YUVA Centre**” (which expression shall wherever the context so admits include its successors and assignees), of the **First Part**.

Harshita Rajora D/o Chandresh Rajora permanent resident of 20 MDX Ratnapuri 80 feet road Sailana road, Ratlam, M.P. Project Titled: **The Testing Kit for the Detection of Abnormalities during Pregnancy**, hereinafter to be referred as “**Innovation Fellow**” of the **Second Part**.

WHEREAS all the parts collectively to be referred as “Parties”;

WHEREAS, BIRAC has entrusted the E-YUVA Centre with the implementation of the E-YUVA Scheme on this E-YUVA Centre from initiation to closure of individual projects including necessary processing of the proposals, organizing various meetings and training programs, execution of the decisions taken, disbursement of funds, monitoring of the physical and financial progress of the Project and to obtain reports and returns and clarifications as required from time to time from the Innovation Fellows.

WHEREAS Innovation Fellow has been selected for E-YUVA Innovation Fellowship for the research Project entitled “**The Testing Kit for the Detection of Abnormalities during Pregnancy**”, hereinafter to be referred as “PROJECT” and appended herein as **Annexure-1**;

WHEREAS all the Annexures to this Agreement shall be read as an integral part of the Agreement.

NOW THEREFORE the Parties on valid consideration and mutual covenants enter into





this SUB GRANT AGREEMENT, hereinafter to be referred as “SGA” as provided hereunder:

1. RESPONSIBILITIES OF THE INNOVATION FELLOW

(a) The Innovation Fellow shall:

- i. Carry out the activities of the Project and conform to the specified objectives, outputs, milestones, and targets;
- ii. Meet the resources on the Project activities to the extent as agreed to, as per details given in **Annexure 1**;
- iii. Submit a utilization certificate and statement of accounts in accordance with the internal policy of the E-YUVA Centre for the expenditure incurred on the Project for the half year, ending 30th September and 31st March, to E-YUVA Centre, within a month of the respective half year, in the format provided by E-YUVA Centre;
- iv. Submit a milestones progress report to the E-YUVA Centre as per the timeline and participate in the meetings organized by E-YUVA Centre to review the progress of the Project, as and when called for.
- v. Obtain all the necessary requisite approvals, clearance certificates, permissions and licenses from the Government/local authorities for conducting its operations in connection with the Project;
- vi. Keep the grant assistance in a separate no-lien account in the name of the Innovation Fellow with a scheduled bank, the payments from which account shall be subject to verification by the E-YUVA Centre. It shall also obtain a No-lien account letter from the bank in the standard template as prescribed by the E-YUVA Centre and furnish the same with the E-YUVA Centre.
- vii. Utilize the amounts sanctioned by E-YUVA Centre for the Project only for the purposes as specified in the Project and shall not entrust the implementation of the Project to another agency or divert the grant-in-aid assistance;
- viii. Abide by the decision of E-YUVA Centre to modify the objectives, outputs, milestones, targets, and funding as also the foreclosure of the Project or of its components after mutual discussion;
- ix. Acknowledge the assistance of BIRAC while publishing or presenting in any manner

Page 2 of 13

Atmiya Registrar, Rajkot-Gujarat-India

**Atmiya University
Rajkot**



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- the details of the Project, its progress or its success.
- x. In the case of any ambiguity or conflict or inconsistency between this Agreement and any other associated agreement(s) entered into between Innovation Fellow and E-YUVA Centre on the same subject matter, the provisions of this Agreement shall take precedence.
- (b) The Innovation Fellow warrants that:
- It shall obtain prior consent of E-YUVA Centre in writing before entering into any agreement or arrangement with any other party, national or international, on the Project having overlapping objectives or having an impact on Intellectual Property for the Project duration;
 - It is under no contractual restrictions or legal disqualifications or other obligations which will prohibit the Innovation Fellow from entering into this agreement or which will interfere with the execution of this agreement; and
 - Each and every one of the statements and particulars herein contained in this agreement and in the relevant and supporting documents to this agreement are correct;
- (c) The Innovation Fellow acknowledges and agrees that:
- The duties, responsibilities and functions assigned or entrusted to it as specified in the Project document shall be deemed to be the duties, responsibilities and functions assigned and entrusted under this Agreement and unless for reasons beyond control under normal circumstances any undue delay, failure or default in performance of the duties, responsibilities and functions as specified in the Project shall be deemed to be a default under this Agreement;

2. FINANCIAL ARRANGEMENTS

The financial arrangements under this Agreement are as here under

- The total fund approved by BIRAC and granted by E-YUVA Centre on behalf of BIRAC to Innovation Fellow towards the Project is as follows:
For Post Graduate Fellow:
 - Annual Research Grant Rs 4,50,000/- (Rupees Four Lakh Fifty Thousand Only) only; and
 - Fellowship grant Rs. 30,000/- (Rupees Thirty thousand) per month on the terms and





conditions detailed in this Agreement.

- ii. The annual research grant will be released in three installments as mentioned below:
- 1st Installment: 50%,
 - 2nd Installment: 25% &
 - 3rd Installment 25%

E-YUVA Centre shall release the first installment to the Innovation Fellow upon signing of the Agreement and subject to the fulfillment of the terms and conditions for such release. Further release of funds shall be subject to satisfactory progress against the objectives, outputs, milestones, and targets specified in the Project as determined by E-YUVA Centre and on submission of statement of accounts and utilization certificates.

- iii. The Innovation Fellow shall ensure that the funds of the Project are actually utilized only for the Project and as expressly provided in this Agreement.
- iv. The Innovation Fellow shall refund immediately any funds out of grant disbursed to it for the Project remaining unutilized with it on completion of the Project to E-YUVA Centre along with detailed accounts of funds received, utilized and unutilized.

3. E-YUVA MONITORING COMMITTEE (EMC)

E-YUVA Centre will constitute a E-YUVA MONITORING COMMITTEE (EMC) comprising eminent expert(s) from the relevant fields based on specific aspects of the Project. EMC will assess the progress of the Project in conformity with the outputs, milestones, targets and objectives as contained in the Agreement. EMC will make recommendations accordingly and will provide mentorship and handholding services.

4. RESULTS OF THE PROJECT

- i. The deliverables from the Project are defined and are included in the Project details at **Annexure 1**.
- ii. Any Intellectual Property (IP) developed out of this grant/ project shall be the sole property of the Innovation Fellow. It is the responsibility of the Innovation Fellow to protect any IP generated during the conduct of the Project. It shall bear the expenditure involved in protecting such IP. During the Project Duration, the Innovation Fellow shall not assign or transfer the IP to any third party directly or indirectly without prior written





consent from E-YUVA Centre.

5. PROJECT DURATION

The Innovation Fellow shall complete the Project within the stipulated period of 18 (Eighteen) months after the date of execution of this Agreement or as per the corresponding order(s) issued by E-YUVA Centre from time to time.

6. CONFIDENTIALITY

- i. During the tenure of the Agreement, the Parties undertake to maintain strict confidentiality and refrain from disclosure thereof, of all or any part of the information and data exchanged/generated from the Project under this Agreement for any purpose other than in accordance with this Agreement. It shall be the responsibility of both the Parties to ensure maintenance of such confidentiality in respect of their behalf and on behalf of their employees, representatives and associates involved in the Project.

7. FORECLOSURE

- i. In case, during the tenure of the Project, it is found that the Project or any Project component is not likely to lead to successful completion, E-YUVA Centre may decide to foreclose the Project or the Project component as warranted. The decision of the E-YUVA Centre shall be final in all respects. The Innovation Fellow shall immediately refund any funds unutilized out of E-YUVA Centre's disbursements, after deducting the legally committed expenses to third party vendors, to E-YUVA Centre etc., along with detailed accounts of funds received, utilized and unutilized within 30 days of Foreclosure Order. The entire outstanding amount as on the date of foreclosure will become due and payable immediately on issuance of the Foreclosure order by the E-YUVA Centre.

8. FORCE MAJEURE

The Parties shall not be held responsible for non-fulfillment of their respective obligations in successful completion of the Project under this Agreement due to the exigency of one or more of the *force majeure* events such as but not limited to acts of God, war, flood,





earthquakes, strikes not confined to the premises of the Party, lockouts beyond the control of the Party claiming *force majeure*, epidemics, riots, civil commotion etc. lying beyond the reasonable control of and not brought about at the instance of the Party claiming to be affected by such event and which has caused the non-performance or delay in performance: provided on the occurrence and cessation of any such event the Party affected has given a notice in writing to the other Party within one month of such occurrence or cessation. If the *force majeure* conditions continue beyond six months, the Parties shall jointly decide about the future course of action on the Project. The validity of the claim of *force majeure* shall be determined by E-YUVA Centre after due enquiry and the decision in this regard shall be final.

9. DISPUTE RESOLUTION

In the event of any dispute or difference between the Parties hereto upon or in relation to or in connection with this Agreement, such dispute or difference shall be resolved amicably by mutual consultation. If the dispute is not resolved, then the same shall be referred to the Managing Director (MD), BIRAC for final resolution. The decision of MD BIRAC shall be final and binding on all parties.

10. EFFECTIVE DATE AND TENURE OF THE AGREEMENT

- i. The Agreement shall be valid for a period of 18 (Eighteen) months from the effective date. It can be extended if agreed to by both the Parties.
- ii. Two copies of the Agreement shall be signed by both the Parties and one copy each shall remain in the custody of each Party.

11. NOTICES AND JURISDICTION

- i. All notices and other communications required to be served on the E-YUVA CENTRE including for violation of the terms of this Agreement shall be considered to be duly served if the same shall have been delivered by registered mail at its address as below.
- ii. Similarly, any notice to be given to Innovation Fellow shall be considered as duly served if the same shall have been delivered by registered mail at its address as below:

Subject to the provisions of **Clause 10** hereof, the Courts at Rajkot shall have exclusive





jurisdiction in all matters concerning this Agreement including any matter arising therein.

12. GOVERNING LAW

This Agreement shall be governed and interpreted in accordance with the laws of India.

IN WITNESS WHEREOF the Parties hereto through its duly authorized representatives have signed this Agreement on the day, month and year mentioned hereinbefore.

[Faint, illegible text and signatures in the signature block area]

[Handwritten signature]





Parties

For and on behalf of the E-YUVA CENTRE	
Signature: <i>[Signature]</i>	
Name: <i>Dr. Nishant Gopal</i>	
Designation: <i>E-Yuva Centre Coordinator</i>	
Witnesses	
Signature: <i>[Signature]</i>	Signature: <i>H. D. Patel</i>
Place: <i>Rajkot</i>	Place: <i>Rajkot</i>
Date: <i>24/06/24</i>	Date: <i>24/06/2024</i>
Name: <i>Dr. Sagar Tejga</i>	Name: <i>Hetal D. Patel</i>
Address: <i>G. Subh Banglow Naguman, Jamnagar Road Rajkot</i>	Address: <i>"omkar" madhuvan Park, street no :- 3, Kuwadva Road, Rajkot - 360003.</i>



[Handwritten signature]





For and on behalf of the INNOVATION FELLOW	
Signature: <i>[Signature]</i>	
Name: MARSHITA RAJORA	
Designation: Innovation Fellow	
Witnesses	
Signature <i>[Signature]</i>	Signature H.D. Patel
Place: Rajkot	Place: Rajkot
Date: 24/06/24	Date: 24/06/2024
Name: Dr. Sagar Terliya	Name: Hetal D. Patel
Address: 36, 546 Bungalow Nageshwar, Jungpura Rajkot	Address: "omkari" madhuvan Post, Street no: 3, Kuvadia Road, Rajkot - 360003



[Signature]
Solemnly Affirmed before me by
[Signature] Who is
Who is identified by Shri.....
Advocate who is personally known to
me on this...**24**...Day of...**06**.....2024
Page No...**082**.....
Serial No...**3305**.....
Receipt No...**3305**.....
Date...**24.06.24**.....
(R.S. JOSHI)
NOTARY



[Signature]





**ATMIYA
UNIVERSITY**

**NAAC – Cycle – 1
AISHE: U-0967**

Criterion 3

R, I & E

KI 3.3

M 3.3.1

Cost Effective Portable Device for Efficient Thyroid Detection:

Sub Grant Agreement: Dr. Sagar Teraiya

INDIA NON JUDICIAL Government of Gujarat Certificate of Stamp Duty	
Certificate No.	IN-GJ10158873998321W
Certificate Issued Date	19-Jun-2024 01:21 PM
Account Reference	IMPACC (AC)/ gj13052611/ RAJKOT/ GJ-RA
Unique Doc. Reference	SUBIN-GJGJ1305261138979528756877W
Purchased by	Nishant Gopalan
Description of Document	Article 5(h) Agreement (not otherwise provided for)
Description	SUB GRANT AGREEMENT
Consideration Price (Rs.)	0 (Zero)
First Party	Atmiya University Nishant Gopalan
Second Party	Sagar Bhashankar Teraiya
Stamp Duty Paid By	Atmiya University Nishant Gopalan
Stamp Duty Amount(Rs.)	300 (Three Hundred only)

IN-GJ10158873998321W

SHCIL

JD 0025919006

Statutory Alert:
1. The authenticity of this Stamp certificate should be verified at www.shcilstamp.com or using e-Stamp Mobile App of Stock Holding Corporation of India.
2. Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid.
3. In case of any discrepancy please inform the Competent Authority.





SUB GRANT AGREEMENT

THIS AGREEMENT made on this 24th June 2024 at Atmiya University, Rajkot by and between:

M/s Atmiya University an University having its registered office at Yogidham Gurukul, Kalawad Road, Rajkot, 360005, Gujarat India, hereinafter to be referred as “E-YUVA Centre” (which expression shall wherever the context so admits include its successors and assignees), of the **First Part**.

Dr. Sagar Teraiya S/o Mr. Bhaishankar S. Teraiya permanent resident of nanipati, Chuda (Sorath), Chuda, Bhesan, Junagadh, Gujarat- 362020, Project Titled: **Cost Effective Portable device for efficient thyroid detection**, hereinafter to be referred as “**Innovation Fellow**” of the **Second Part**.

WHEREAS all the parts collectively to be referred as “Parties”;

WHEREAS, BIRAC has entrusted the E-YUVA Centre with the implementation of the E-YUVA Scheme on this E-YUVA Centre from initiation to closure of individual projects including necessary processing of the proposals, organizing various meetings and training programs, execution of the decisions taken, disbursement of funds, monitoring of the physical and financial progress of the Project and to obtain reports and returns and clarifications as required from time to time from the Innovation Fellows.

WHEREAS Innovation Fellow has been selected for E-YUVA Innovation Fellowship for the research Project entitled “**Cost Effective Portable device for efficient thyroid detection**”, hereinafter to be referred as “PROJECT” and appended hereto as **Annexure-1**;

WHEREAS all the Annexures to this Agreement shall be read as an integral part of the Agreement.

NOW THEREFORE the Parties on valid consideration and mutual covenants enter into this SUB GRANT AGREEMENT, hereinafter to be referred as “SGA” as provided





hereunder:

1. RESPONSIBILITIES OF THE INNOVATION FELLOW

(a) The Innovation Fellow shall:

- i. Carry out the activities of the Project and conform to the specified objectives, outputs, milestones, and targets;
- ii. Meet the resources on the Project activities to the extent as agreed to, as per details given in **Annexure 1**;
- iii. Submit a utilization certificate and statement of accounts in accordance with the internal policy of the E-YUVA Centre for the expenditure incurred on the Project for the half year, ending 30th September and 31st March, to E-YUVA Centre, within a month of the respective half year, in the format provided by E-YUVA Centre;
- iv. Submit a milestones progress report to the E-YUVA Centre as per the timeline and participate in the meetings organized by E-YUVA Centre to review the progress of the Project, as and when called for.
- v. Obtain all the necessary requisite approvals, clearance certificates, permissions and licenses from the Government/local authorities for conducting its operations in connection with the Project;
- vi. Keep the grant assistance in a separate no-lien account in the name of the Innovation Fellow with a scheduled bank, the payments from which account shall be subject to verification by the E-YUVA Centre. It shall also obtain a No-lien account letter from the bank in the standard template as prescribed by the E-YUVA Centre and furnish the same with the E-YUVA Centre.
- vii. Utilize the amounts sanctioned by E-YUVA Centre for the Project only for the purposes as specified in the Project and shall not entrust the implementation of the Project to another agency or divert the grant-in-aid assistance;
- viii. Abide by the decision of E-YUVA Centre to modify the objectives, outputs, milestones, targets, and funding as also the foreclosure of the Project or of its components after mutual discussion;
- ix. Acknowledge the assistance of BIRAC while publishing or presenting in any manner the details of the Project, its progress or its success.





In the case of any ambiguity or conflict or inconsistency between this Agreement and any other associated agreement(s) entered into between Innovation Fellow and E-YUVA Centre on the same subject matter, the provisions of this Agreement shall take precedence.

(b) The Innovation Fellow warrants that:

- i. It shall obtain prior consent of E-YUVA Centre in writing before entering into any agreement or arrangement with any other party, national or international, on the Project having overlapping objectives or having an impact on Intellectual Property for the Project duration;
- ii. It is under no contractual restrictions or legal disqualifications or other obligations which will prohibit the Innovation Fellow from entering into this agreement or which will interfere with the execution of this agreement; and
- iii. Each and every one of the statements and particulars herein contained in this agreement and in the relevant and supporting documents to this agreement are correct;

(c) The Innovation Fellow acknowledges and agrees that:

- i. The duties, responsibilities and functions assigned or entrusted to it as specified in the Project document shall be deemed to be the duties, responsibilities and functions assigned and entrusted under this Agreement and unless for reasons beyond control under normal circumstances any undue delay, failure or default in performance of the duties, responsibilities and functions as specified in the Project shall be deemed to be a default under this Agreement;

2. FINANCIAL ARRANGEMENTS

The financial arrangements under this Agreement are as here under

- i. The total fund approved by BIRAC and granted by E-YUVA Centre on behalf of BIRAC to Innovation Fellow towards the Project is as follows:

For Post Graduate Fellow:

- Annual Research Grant Rs 4,70,000/- (Rupees Four Lakh Seventy Thousand Only) only; and
- Fellowship grant Rs. 50,000/- (Rupees Fifty thousand) per month on the terms and conditions detailed in this Agreement.





- ii. The annual research grant will be released in three installments as mentioned below.

- 1st Installment: 50%,
- 2nd Installment: 25% &
- 3rd Installment 25%

E-YUVA Centre shall release the first installment to the Innovation Fellow upon signing of the Agreement and subject to the fulfillment of the terms and conditions for such release. Further release of funds shall be subject to satisfactory progress against the objectives, outputs, milestones, and targets specified in the Project as determined by E-YUVA Centre and on submission of statement of accounts and utilization certificates.

- iii. The Innovation Fellow shall ensure that the funds of the Project are actually utilized only for the Project and as expressly provided in this Agreement.
- iv. The Innovation Fellow shall refund immediately any funds out of grant disbursed to it for the Project remaining unutilized with it on completion of the Project to E-YUVA Centre along with detailed accounts of funds received, utilized and unutilized.

3. E-YUVA MONITORING COMMITTEE (EMC)

E-YUVA Centre will constitute a E-YUVA MONITORING COMMITTEE (EMC) comprising eminent expert(s) from the relevant fields based on specific aspects of the Project. EMC will assess the progress of the Project in conformity with the outputs, milestones, targets and objectives as contained in the Agreement. EMC will make recommendations accordingly and will provide mentorship and handholding services.

4. RESULTS OF THE PROJECT

- i. The deliverables from the Project are defined and are included in the Project details at **Annexure 1**.
- ii. Any Intellectual Property (IP) developed out of this grant/ project shall be the sole property of the Innovation Fellow. It is the responsibility of the Innovation Fellow to protect any IP generated during the conduct of the Project. It shall bear the expenditure involved in protecting such IP. During the Project Duration, the Innovation Fellow shall not assign or transfer the IP to any third party directly or indirectly without prior written consent from E-YUVA Centre.





5. PROJECT DURATION

The Innovation Fellow shall complete the Project within the stipulated period of 18 (Eighteen) months after the date of execution of this Agreement or as per the corresponding order(s) issued by E-YUVA Centre from time to time.

6. CONFIDENTIALITY

- i. During the tenure of the Agreement, the Parties, undertake to maintain strict confidentiality and refrain from disclosure thereof, of all or any part of the information and data exchanged/generated from the Project under this Agreement for any purpose other than in accordance with this Agreement. It shall be the responsibility of both the Parties to ensure maintenance of such confidentiality in respect of their behalf and on behalf of their employees, representatives and associates involved in the Project.

7. FORECLOSURE

- i. In case, during the tenure of the Project, it is found that the Project or any Project component is not likely to lead to successful completion, E-YUVA Centre may decide to foreclose the Project or the Project component as warranted. The decision of the E-YUVA Centre shall be final in all respects. The Innovation Fellow shall immediately refund any funds unutilized out of E-YUVA Centre's disbursements, after deducting the legally committed expenses to third party vendors, to E-YUVA Centre etc., along with detailed accounts of funds received, utilized and unutilized within 30 days of Foreclosure Order. The entire outstanding amount as on the date of foreclosure will become due and payable immediately on issuance of the Foreclosure order by the E-YUVA Centre.

8. FORCE MAJEURE

The Parties shall not be held responsible for non-fulfillment of their respective obligations in successful completion of the Project under this Agreement due to the exigency of one or more of the *force majeure* events such as but not limited to acts of God, war, flood, earthquakes, strikes not confined to the premises of the Party, lockouts beyond the control of





the Party claiming *force majeure*, epidemics, riots, civil commotion etc. lying beyond the reasonable control of and not brought about at the instance of the Party claiming to be affected by such event and which has caused the non-performance or delay in performance provided on the occurrence and cessation of any such event the Party affected has given a notice in writing to the other Party within one month of such occurrence or cessation. If the *force majeure* conditions continue beyond six months, the Parties shall jointly decide about the future course of action on the Project. The validity of the claim of *force majeure* shall be determined by E-YUVA Centre after due enquiry and the decision in this regard shall be final.

9. DISPUTE RESOLUTION

In the event of any dispute or difference between the Parties hereto upon or in relation to or in connection with this Agreement, such dispute or difference shall be resolved amicably by mutual consultation. If the dispute is not resolved, then the same shall be referred to Managing Director (MD), BIRAC for final resolution. The decision of MD BIRAC shall be final and binding on all parties.

10. EFFECTIVE DATE AND TENURE OF THE AGREEMENT

- i. The Agreement shall be valid for a period of 18 (Eighteen) months from the effective date. It can be extended if agreed to by both the Parties.
- ii. Two copies of the Agreement shall be signed by both the Parties and one copy each shall remain in the custody of each Party.

11. NOTICES AND JURISDICTION

- i. All notices and other communications required to be served on the E-YUVA CENTRE including for violation of the terms of this Agreement shall be considered to be duly served if the same shall have been delivered by registered mail at its address as below.
- ii. Similarly, any notice to be given to Innovation Fellow shall be considered as duly served if the same shall have been delivered by registered mail at its address as below:
Subject to the provisions of **Clause 10** hereof, the Courts at Rajkot shall have exclusive jurisdiction in all matters concerning this Agreement including any matter arising therein.





12. GOVERNING LAW

This Agreement shall be governed and interpreted in accordance with the laws of India.

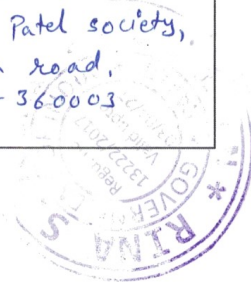
IN WITNESS WHEREOF the Parties hereto through its duly authorized representatives
have signed this Agreement on the day, month and year mentioned hereinbefore.





Parties

For and on behalf of the E-YUVA CENTRE	
Signature: <i>[Handwritten Signature]</i>	
Name: <i>Dr. Nishant Gopalan</i>	
Designation: <i>E-YUVA centre Coordinator</i>	
Witnesses	
Signature <i>M.S. Nimavat</i>	Signature <i>Ravi</i>
Place: Rajkot	Place: Rajkot
Date: <i>24/06/24</i>	Date: <i>24/06/24</i>
Name: <i>Minty Nimavat</i>	Name: <i>Ravi Gehlot</i>
Address: <i>A-203, Rajumbi Elegance, Gondel Road, Rajkot - 360022</i>	Address: <i>sardar Patel society, Kuvadava road, Rajkot - 360003</i>



[Handwritten Signature]

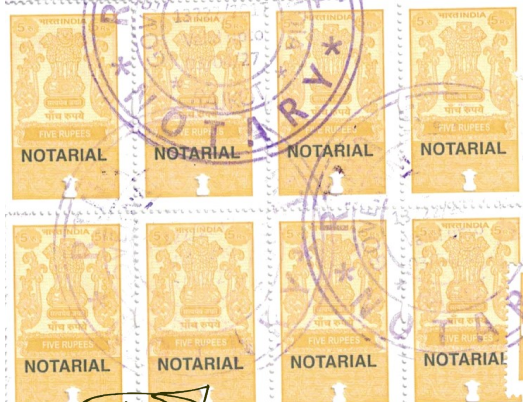




For and on behalf of the INNOVATION FELLOW	
Signature: <i>J.S.B.</i>	
Name: <i>Dr. Sagar Teraiya</i>	
Designation: Innovation Fellow	
Witnesses	
Signature <i>M.S. Nimavat</i>	Signature <i>R.</i>
Place: Rajkot	Place: Rajkot
Date: <i>24/06/24</i>	Date: <i>24/06/24</i>
Name: <i>Minty Nimavat</i>	Name: <i>Ravi Gehlot</i>
Address: <i>A-203, Kojumbhi Elegance, Gondal Road, Rajkot - 360022</i>	Address: <i>Sardar Patel Society, Kuvadava Road, Rajkot - 360003</i>



1) Nishant Copalem
 Solemnly Affirmed before me by
 2) *Sagar Teraiya* Who is
 Who is identified by Shri.....Who is
 Advocate who is personally known to
 me on this *24* Day of *06* 20*24*
 Page No. *082*
 Serial No. *3307*
 Receipt No. *3307* (S. JOSHI)
 Date *24/06/24* NOTARY





Annexure 1

Title of Project Proposal:

Cost Effective Portable device for efficient thyroid detection

Proposal Reference No: BT/IF0178/2.0/24

Team Details: Dr. Sagar Teraiya

Mentor: NA

Host Institution: Atmiya University

Background: Thyroid disease is one of the most common pathologies in the world, encompassing hyperthyroidism, hypothyroidism, and thyroid cancer. Recent reports suggest that approximately 200 million people in the world suffer from some form of thyroid disease. The functioning of the thyroid is determined by the determination of Triiodothyronine T3, Thyroxine T4, and thyroid stimulating hormone TSH. Over the last two decades, the screening of T3, T4, and TSH has increased globally as it has been reported that 1 in 9 people suffer from thyroid dysregulation. The patients are dependent on immunoassay-based methods for their quantification, which requires a large sample blood volume and trained personnel for handling instruments.

Proposed Solution: We propose nanomaterial-based biosensors for the determination of T3, T4, and TSH. The point-of-care POC device will be cost-effective, and user-friendly, and enable rapid results with higher accuracy and precision through a small sample size in comparison to immunoassays.

Innovation Concept:

The electrochemical biosensors have gained commercial recognition after the development of glucose biosensors, which have been supported by both doctors and patients to control diabetes. Over the past 50 years, commercial glucose biosensors have taken the largest share of the global biosensor market because of their high accuracy, precision, and ease of use and remained the leader. These electrochemical biosensors are based on the measurement of electrical changes resulting from biorecognition events on the surface of the modified electrodes. In the same way, we propose to develop nanoparticle-based biosensors which would be based on the measurement of electrical changes for quantification of T3, T4, and TSH.

Objectives:

1. Development of nanoparticle-based biosensors for determination of Thyroid dysfunction.
2. Optimization of its physicochemical parameters.
3. Interference analysis, reproducibility & shelf-life analysis & Validation of biosensor.
4. IP creation, Start up registration and final working prototype.





Work Plan / Milestones / Timelines:

Month	Milestone 1		Milestone 2		Milestone 3		Milestone 4		Milestone 5									
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Objective 1	Synthesis and characterization of nanomaterials																	
Objective 2			Immobilization of nanomaterials and biomolecules over electrode surface															
Objective 3					Fabrication of Biosensors and optimization of physicochemical parameters (pH, Temp., Incubation Time) and Standard curve for biosensors													
Objective 4											Interference analysis of fabricated biosensor with spiked serum sample							
											IP creation and collaborations							
											Reproducibility and Shelf-Life analysis of biosensor							
Objective 5											Development of electronics for measurable/readable output							
											Validation and testing of fabricated biosensors with available diagnostic tools							
											Prototype development, packaging, and marketing. POC submission.							

Budget:

Preposed Budget head	Amount
Consumables	3,30,000/-
Equipment's	20,000/-
Traveling	20,000/-
Out sourcing	30,000 /-
IP creation	30,000/-
Start up Registration	25,000/-
Contingency	15,000/-
Total	4,70,000/-

