

AWARD LETTER AGREEMENT

THIS AGREEMENT made on this 5th. day of January 2016, between SRISTI, **Society for Research and Initiatives for Sustainable Technologies and Institutions** (hereinafter called as SRISTI), a non-profit organization having its office at AES Boys Hostel Campus, Near Gujarat University Library & SBI, Navrangpura, Ahmedabad-380009, Gujarat, India; of the ONE PART and Mr. Jatin Solanki Msc. (Botany) student of Department of Biosciences, Saurashtra University, Rajkot-360005, Gujarat, India here in after called AWARDEE of the OTHER PART:

Whereas, SRISTI is an organization set up with the objective of strengthening the capacity of grassroots and student, inventors, innovators and ecopreneurs in the area of conserving biodiversity and developing eco-friendly solution to local problems; is engaged *inter alia* in the area search, documentation, experimentation, development, diffusion of sustainable technologies and Techpedia, a Sristi initiative aims at putting the problems of micro, small and medium enterprises, informal sector, grassroots innovators and other social sectors on the agenda of the young technology students across the country.

Whereas to promote the culture of innovation amongst the young minds of the country, SRISTI established three national awards for innovative student/faculty projects in engineering, pharmacy, science and applied technologies since 2012 in the name of Gandhian Young Technological Innovation Award (GYTI). Realising the need of the hour and looking at the innovation potential of awardees, Biotechnology Industry Research Assistance Council (BIRAC) a Government of India Enterprise of Department of Biotechnology (DBT), New Delhi has decided to give BIRAC-SRISTI GYTI Awards and BIRAC-SRISTI Appreciation Awards (hereinafter referred to as "Program" jointly or severally) administered through the Project Management Unit (PMU-BIRAC- SRISTI) at SRISTI.

WHEREAS Mr. Jatin Solanki R/o Dr. J. G. Tank, studying/ working at UGC-CAS Department of Biosciences, Saurashtra University (Institute/ University) has been selected for BIRAC-SRISTI Appreciation Award for the Research Project titled "The crushed plant X have repellent action against insects", hereinafter referred to as PROJECT and Appended herein as Annexure-I WHEREAS all the Annexures to this Agreement shall be read as integral part of the Agreement.

AND WHEREAS both SRISTI and the Awardee together shall be referred to as Parties.

NOW THEREFORE the Parties on valid consideration and mutual covenants enter into this AWARD LETTER AGREEMENT, hereinafter referred to as "ALA" as provided hereunder:

- I. The Awardee will communicate with Coordinator, Project Management Unit (PMU-BIRAC-SRISTI) on pmugyti@sristi.org
- II. The Awardee shall undertake the activities as set out in the Project and shall conform to the detailed plan of work, specified objectives, outputs, milestones, and targets as detailed in *Annexure-I*.
- III. The sanction of the Award fund is subject to due submission of the expected time period of completion (months), details of expenses under suitable heads, with the bank account details for remitting instalments of grant money.
- IV. SRISTI will transfer the fund to the account details provided by the Awardee. To ensure proper utilisation of the fund, it will be necessary to send the utilisation certificate as and when required or yearly and after the completion of the project duly signed by the team member.
- V. The Awardee will maintain a logbook of activities based upon the standard good laboratory practice (GLP). A timeline of work plan will also have to be provided in the logbook.
- VI. The Awardee will be responsible for ensuring that the best ethical practices are followed during the project implementation.
- VII. The Awardee is allowed to take the help (*pro-bono* or on payment basis) of external agencies/ laboratories/ scientific experts during the course of their research / project support. However, complete outsourcing of work will not be allowed. This should be clearly mentioned in the details of expenses under the head 'Outsourcing'.
- VIII. There will be an online monitoring of the project progress; the awardee will be required to upload the progress on regular basis. However, the review of the progress will be on half yearly / yearly basis.
- IX. The Awardee will submit a brief final report about the achievements at the end of the Project period including the data generated.
- X. The Awardee should comply with the Institutional IP Policy if required by the institution concerned.
- XI. IPR will belong to the knowledge holders. Hence in publications, reviews due credit to contributors. The collaborators can be encouraged.

Settlement of disputes:

Any difference or dispute between the parties or Awardee & Supervisor/Guide concerning the interpretation and/or implementation and/or application of any of the provisions of this agreement shall first be settled amicably through mutual consultation and/or negotiations between the parties; else President SRISTI/MD BIRAC / CIO-NIF may be invited as an arbitrator.

Revision, variation and amendment

The awardee may request in writing a revision, variation or amendment of this agreement.

Annexure I

1. Name of the Innovation /Project: Plant 'X' when put on fire, it releases fumes which controls insects on external area of farm

2. Specific Objective of the activities to be supported by BIRAC-SRISTI Appreciation Grant:

1. Screening and field testing of plant material for insect repellent activity
2. Isolation and characterization of volatile compound from plant 'X' responsible to give insect repellent activity.

3. Plan of Work: Activities, Time Periods & Milestones:

Sr. No	Activities	Milestone				Remarks if any
		1-3 Months	4-6 Months	7-9 Months	10-12 Months	
1	Plant material collection	√	-	-	-	-
2	Plant material processing	√	-	-	-	-
3	field testing of plant material for insect repellent activity	√	√	-	-	-
4	Isolation of volatile Semiochemical compounds	√	√	√	-	-
5	Characterization of volatile semiochemical compounds	√	√	√	√	-
6	Data analysis and Documentation	-	-	-	√	-

Sr. No.	Activities	Indicators of success	Risk involved in this step	Specific mentoring or contact or skill required	Infrastructure /Lab facility required
1	field testing of plant material for insect repellent activity	Production of plant pheromones by plant material	It should spread in wide area	-	-
2	Isolation of semiochemicals	presence of semiochemicals in plant extract	Optimization of isolation process	-	-
3	Characterization of semi-chemicals compounds	Identification of semi-chemical compounds	-	-	-

4. Outputs:

Isolation and identification of volatile compounds from plant X responsible for production of fumes, when plant X put on fire. This compounds are specific identity of plant material. Insect repellent activity of plant material can be known. Hence, plant material capable enough to repel insects on burning can be used repeatedly near farms to decrease crop loss occurring due to insects infections.

5. Detail of Expenses:

Head	1st Year
1. Scholarship	25000/-
2. Consumable & Materials	30000/-
3. Internal Travel	5000/-
4. Outsourcing	40,000/-
Total	1,00,000/-

6. Bank Details:

Bank Name: Central Bank of India

Branch Name and Code: University Campus Branch, Saurashtra University, Rajkot. MICR code of Bank:360016009

IFSC Code: CBIN0281313

Account Holder Name: Registrar Saurashtra University

Account Number: 1340930735

We request you to also attach scanned copy of the Bank Passbook of the account you have mentioned above in order to process the sanction amount

7. No objection Certificate (NOC) of Supervisor/Guide: (if applicable)

AWARD LETTER AGREEMENT

THIS AGREEMENT made on this 28th. day of December 2016, between SRISTI, **Society for Research and Initiatives for Sustainable Technologies and Institutions** (hereinafter called as SRISTI), a non-profit organization having its office at AES Boys Hostel Campus, Near Gujarat University Library & SBI, Navrangpura, Ahmedabad-380009, Gujarat, India; of the ONE PART and Mr. Ravi Viradiya Msc. (Botany) student of Department of Biosciences, Saurashtra University, Rajkot-360005, Gujarat, India here in after called AWARDEE of the OTHER PART:

Whereas, SRISTI is an organization set up with the objective of strengthening the capacity of grassroots and student, inventors, innovators and ecopreneurs in the area of conserving biodiversity and developing eco-friendly solution to local problems; is engaged *inter alia* in the area search, documentation, experimentation, development, diffusion of sustainable technologies and Techpedia, a Sristi initiative aims at putting the problems of micro, small and medium enterprises, informal sector, grassroots innovators and other social sectors on the agenda of the young technology students across the country.

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WHEREAS Mr. Ravi Viradiya R/o Dr. J. G. Tank, studying/ working at UGC-CAS Department of Biosciences, Saurashtra University (Institute/ University) has been selected for BIRAC-SRISTI Appreciation Award for the Research Project titled "Plant 'X' when put on fire, it releases fumes which controls insects on external area of farm", hereinafter referred to as PROJECT and Appended herein as Annexure-I WHEREAS all the Annexures to this Agreement shall be read as integral part of the Agreement.

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3	field testing of plant material for insect repellent activity	√	√	-	-	-
4	Isolation of volatile compounds	√	√	√	-	-
5	Characterization of volatile compounds	√	√	√	√	-
6	Data analysis and Documentation	-	-	-	√	-

Sr. No.	Activities	Indicators of success	Risk involved in this step	Specific mentoring or contact or skill required	Infrastructure /Lab facility required
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Such revision, variation or amendment shall come into force on such date as may be determined by the parties.

In witness whereof, the undersigned, being duly authorised by their respective organisations, to sign this agreement on the date as above written.

SEAL OF THE PARTIES

AWARDEE

Name: Jatin Solanki



SRISTI

Name:

Supervisor / Guide

Name: Dr. Jigna Tank



In the presence of

Witness 1



In the presence of

Witness 1

Witness 2



Witness 2

Seal of the Institute with Name

UGC-CAS Department of Biosciences,
Saurashtra University,
Rajkot-360005
Gujarat, India

Seal



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SEAL OF THE PARTIES

AWARDEE

Name: Ravi Viradiya

SRISTI

Name:

Supervisor / Guide

Name: Dr. Jigna Tank

In the presence of

In the presence of

Witness 1



Witness 1

Witness 2



Witness 2

Seal of the Institute with Name

UGC-CAS Department of Biosciences,
Saurashtra University,
Rajkot-360005
Gujarat, India

Seal

