

Raj nibhai V. Patel

**Pharminnova
Award**

Best Thesis in
Pharmaceutical Sciences

This is to certify that

Ms. Signa Vadalia

is awarded as Best Research Guide for National level

PharmInnova Award 2015 - 2016 on account of Thesis submitted by

his or her student Ms. Nikunj Savishi, in the subject

"Pharmacognosy" under M. Pharm category.

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Under the patronage of :



DEPARTMENT OF
SCIENCE AND TECHNOLOGY

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Society for Research & Initiatives for Sustainable Technologies & Institutions

A Voice of Creative Grassroots Innovators and Traditional Knowledge Holders

BIRAC SRISTI PMU /40

Date: 4th February, 2017

Subject: Sanction letter of BIRAC SRISTI Appreciation Award

To,
Mr. Ravi Viradiya
C/o Dr. Jigna Tank - Principal Investigator

You have been granted a sum of Rs. 1,00,000/- for "Larva control through *Boswellia serrata*".

You need to sign an agreement called **Award Letter Agreement (ALA)** which must contains the relevant Annexures for Specific Objective, Plan of the work (Activities, Time Periods & Milestones) and Output. The ALA had already been sent to you.

The grant will be released after signing of ALA.

Project Period: 1 Year

You are required to submit the following

- Progress report at every six months
- Audited expenses report at the end of project
- Final project report at the end of the project period
- Unutilized grant need to be returned

On successful completion of the Project work you will be issued a Project completion certificate from SRISTI.

Thanking you

Dr. Nirmal S Sahay
BIRAC SRISTI PMU

SRISTI

AES Boys Hostel Campus,
Near Gujarat University Library & SBI bank,
Navrangpura, Ahmedabad - 380 009



સ્રિષ્ટિ
એઈએસ બોયઝ હોસ્ટેલ કેમ્પસમાં,
ગુજરાત યુનિવર્સિટી લાઇબ્રેરી અને SBI બેંક નજીક,
નવરંગપુરા, અમદાવાદ-૩૮૦ ૦૦૯

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.

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. 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.

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.

Any such revision, variation or amendment agreed to by the parties shall be in writing and shall form part of this agreement.

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: Ravi Viradiya

SRISTI

Name:

Supervisor / Guide

Name: Dr. Jigna Tank

In the presence of

Witness 1

Witness 2

In the presence of

Witness 1

Witness 2

Seal of the Institute with Name

UGC-CAS Department of Biosciences,
Saurashtra University,

Rajkot-360005

Gujarat, India

Seal

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 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
1	field testing of plant material for insect repellent activity	Production of fumes by plant material on fire	It should spread in wide area	-	-
2	Isolation of volatile compounds	presence of volatile compounds in plant extract	Optimization of isolation process	-	-
3	Characterization of volatile compounds	Identification of volatile 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)

Any such revision, variation or amendment agreed to by the parties shall be in writing and shall form part of this agreement.

Such revision, variation or amendment shall come into force on such date as may be determined by the parties.

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SEAL OF THE PARTIES

AWARDEE

Name: Ravi Viradiya

SRISTI

Name:

Supervisor / Guide

Name: Dr. Jigna Tank

In the presence of

Witness 1



Witness 2



In the presence of

Witness 1

Witness 2

Seal of the Institute with Name

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



Seal

MANDATE FORM

ELECTRONIC CLEARING SERVICE (CREDIT CLEARING) / REAL TIME GROSS SETTLEMENT (RTGS) FACILITY FOR RECEIVING PAYMENTS

A. DETAIL OF ACCOUNT HOLDER:

Name of Account Holder	Registrar Saurashtra University
Complete Contact Address	Saurashtra University, University Road, Rajkot
Telephone Number / FAX/Email	0281-2578501, 0281-2586983 knkher2009@gmail.com

B. BANK ACCOUNT DETAILS:

Bank Name	Central Bank of India
Branch Name With Complete Address Telephone Number & Email	University Campus Branch, Saurashtra University, Rajkot. bmraj1313@centralbank.co.in
Whether The Branch is Computerized?	Yes
Whether the branch is RTGS enabled? if yes than what is the branch's IFSC Code	CBIN0281313
Is the branch also NEFT Enabled	Yes
Type of Bank Account (SB, Current, Cash Credit)	Current Account
Complete Bank Account Number (latest)	1340930735
MICR Code of Bank	360016009

I hereby declare that the particulars given above are correct and complete. If the transaction is delayed or not effected at all for reasons of incomplete or incorrect information, I would not hold the user institution responsible. I have read the option invitation letter and agree to discharge responsibility expected of me as a participant under the scheme.

(.....)

Signature of Customer
Chief Accounts Officer
Saurashtra University
RAJKOT.

Date :

Certified that the particulars furnished above are correct as per our records.

(Bank's Stamp

Date :

(.....)

Signature of Bank Manager

1. Please attach a photocopy of cheque along with the verification obtained from the bank
2. In case your branch is presently not RTGS enabled then upon its up gradation to RTGS enabled branch, please submit the information again in the above proforma to the Department at earliest.



Society for Research & Initiatives for
Sustainable Technologies & Institutions

A Voice of Creative Grassroots Innovators and Traditional Knowledge Holders

BIRAC SRISTI PMU

Date: 4th February, 2017

Subject: Sanction letter of BIRAC SRISTI Appreciation Award

To,
Mr. Jatin Solanki
C/o Dr. Jigna Tank - Principal Investigator

You have been granted a sum of Rs. 1,00,000/- for "Isolation and characterization of volatile compound from *Aristolochia bracteata* responsible to give insect repellent activity".

You need to sign an agreement called **Award Letter Agreement (ALA)** which must contains the relevant Annexures for Specific Objective, Plan of the work (Activities, Time Periods & Milestones) and Output. The ALA had already been sent to you.

The grant will be released after signing of ALA.

Project Period: 1 Year

You are required to submit the following

- Progress report at every six months
- Audited expenses report at the end of project
- Final project report at the end of the project period
- Unutilized grant need to be returned

On successful completion of the Project work you will be issued a Project completion certificate from SRISTI.

Thanking you

Dr. Nirmal S Sahay
BIRAC SRISTI PMU

SRISTI

AES Boys Hostel Campus,
Near Gujarat University Library & SBI bank,
Navrangpura, Ahmedabad - 380 009



સુષ્ટિ
એઈએસ બોયઝ હોસ્ટેલ કેમ્પસમાં,
ગુજરાત યુનિવર્સિટી લાઇબ્રેરી અને SBI બેંક નજીક
નવરંગપુરા, અમદાવાદ-૩૮૦ ૦૦૯

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.

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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.

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SEAL OF THE PARTIES

AWARDEE

Name: Jatin Solanki

SRISTI

Name:

Supervisor / Guide

Name: Dr. Jigna Tank

In the presence of

Witness 1

Witness 2

In the presence of

Witness 1

Witness 2

Seal of the Institute with Name

UGC-CAS Department of Biosciences,
Saurashtra University,

Rajkot-360005

Gujarat, India

Seal

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
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Sr. No	Activities	Milestone				Remarks if any
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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/-
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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

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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





Indian Psychological Association (IPA)

UGC Sponsored National Seminar 2017

Deptt. of Psychology, Sardar Patel University, Vallabh Vidyanagar
Anand Gujarat - 388120

18th & 19th March 2017



IPA President's Gold Medal Award 2017

*This certificate is awarded to Ms. / Mr. / Dr. Yogesh Jogsan
Associate Professor, Deptt. of Psychology, Saurashtra University, Rajkot
For excellence in Psychology / Education / Social-Service / Outstanding Teacher /
Memorial Lecture / Young Psychologist / Best research Paper / Poster at the
UGC Sponsored National Seminar 2017 on "Managing Organizational Change
for Overall Efficiency" organized by Deptt. of Psychology, Sardar Patel University,
Vallabh Vidyanagar, Anand Gujarat - 388120 March 18th & 19th of 2017.*


Prof. Tarni Jee
President, IPA