



Shri Manibhai Virani and Smt. Navalben Virani Science College
An Autonomous college affiliated to Saurashtra University, Rajkot

NAAC - Cycle-3

Criterion- III

DVV
Metric – 3.2.1,
3.2.2, 3.2.4

2021-2022



Shri Manibhai Virani and Smt. Navalben Virani Science College
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NAAC - Cycle-3

Criterion- III

DVV
Metric – 3.2.1,
3.2.2, 3.2.4

SWAMI SHREEJI



ATMIYA

SARVODAY KELAVANI SAMAJ MANAGED

INSTITUTE OF TECHNOLOGY & SCIENCE

No.: AITS/SSIP/210720 - 11

Date: 20/07/2021

To,
Dr. Chitra Bhattacharya,
Department of Microbiology,
Shree M. & N. Virani Science College,
(Autonomous), Rajkot

Subject: Award of the SSIP project for 2021-2022

Dear Mentor,

With reference to the application followed by presentation of your student(s), we are pleased to inform you that project proposal titled "**Melishield Fragrant Mosquito Repellent**" of **Rs. 25963.00** is sanctioned under the Knowledge Consortium of Gujarat, Government of Gujarat funded Student Startup and Innovation Policy (SSIP) Grant during **2021-2022**.


You have to guide the team as mentor / project investigator and monitor the progress of the project. You have to present the half yearly report and demonstrate prototype developed at the end of the project as per the KCG, GoG SSIP guideline. You may coordinate with us for future correspondence and query regarding the execution of the project.

With regards,


Coordinator
SSIP-AITS



"YOGIDHAM GURUKUL", Kalawad Road, Rajkot-360 005. (Gujarat- India) Tel.: +91-281-2563445,
+91-281-3910300 Tele Fax: 2563766, e-mail: admin@aits.edu.in yogidhamrajkot@yahoo.com Web : www.aits.edu.in

	<p align="center">Shri Manibhai Virani and Smt. Navalben Virani Science College An Autonomous college affiliated to Saurashtra University, Rajkot</p>	<p align="center">NAAC - Cycle-3</p>
		<p align="center">Criterion- III</p>
		<p align="center">DVV Metric – 3.2.1, 3.2.2, 3.2.4</p>





Shri Manibhai Virani and Smt. Navalben Virani Science College
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NAAC - Cycle-3

Criterion- III

DVV
Metric – 3.2.1,
3.2.2, 3.2.4

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INSTITUTE OF TECHNOLOGY & SCIENCE

No.: AITS/SSIP/ 210720 - 02

Date: 20/07/2021

To,
Ms. Shivani Tank,
Department of Microbiology,
Shree M. & N. Virani Science College,
(Autonomous), Rajkot

Subject: Award of the SSIP project for 2021-2022

Dear Mentor,

With reference to the application followed by presentation of your student(s), we are pleased to inform you that project proposal titled "Biofilter" of Rs. 19000.00 is sanctioned under the Knowledge Consortium of Gujarat, Government of Gujarat funded Student Startup and Innovation Policy (SSIP) Grant during 2021-2022.

You have to guide the team as mentor / project investigator and monitor the progress of the project. You have to present the half yearly report and demonstrate prototype developed at the end of the project as per the KCG, GoG SSIP guideline. You may coordinate with us for future correspondence and query regarding the execution of the project.

With regards,

Adhis
Coordinator
SSIP-AITS



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ATMIYA

SARVODAY KELAVANI SAMAJ MANAGED

INSTITUTE OF TECHNOLOGY & SCIENCE

No.:AITS/SSIP/210720-03

Date: 20/07/2021

To,
Dr. Shivani Patel,
Department of Biotechnology,
Shree M. & N. Virani Science College,
(Autonomous), Rajkot

Subject: Award of the SSIP project for 2021-2022

Dear Mentor,

With reference to the application followed by presentation of your student(s), we are pleased to inform you that project proposal titled "**Organic candle and Sachets**" of Rs. 18640.00 is sanctioned under the Knowledge Consortium of Gujarat, Government of Gujarat funded Student Startup and Innovation Policy (SSIP) Grant during 2021-2022.

You have to guide the team as mentor / project investigator and monitor the progress of the project. You have to present the half yearly report and demonstrate prototype developed at the end of the project as per the KCG, GoG SSIP guideline. You may coordinate with us for future correspondence and query regarding the execution of the project.

With regards,

Abhis
Coordinator
SSIP-AITS



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+91-281-3910300 Tele Fax: 2563766, e-mail ; admin@aits.edu.in yogidhamrajkot@yahoo.com Web ; www.aits.edu.in



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NAAC - Cycle-3

Criterion- III

DVV
Metric – 3.2.1,
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SWAMI SHREEJI



ATMIYA

SARVODAY KELAVANI SAMAJ MANAGED

INSTITUTE OF TECHNOLOGY & SCIENCE

No.:AITS/SSIP/230720-04

Date: 20/07/2025

To,
Dr. Shivani Patel,
Department of Biotechnology,
Shree M. & N. Virani Science College,
(Autonomous), Rajkot

Subject: Award of the SSIP project for 2021-2022

Dear Mentor,

With reference to the application followed by presentation of your student(s), we are pleased to inform you that project proposal titled "**Alternative Bacterial & Fungal Media from Vegetable, fruit & flower waste**" of Rs. 2981.00 is sanctioned under the Knowledge Consortium of Gujarat, Government of Gujarat funded Student Startup and Innovation Policy (SSIP) Grant during 2021-2022.

You have to guide the team as mentor / project investigator and monitor the progress of the project. You have to present the half yearly report and demonstrate prototype developed at the end of the project as per the KCG, GoG SSIP guideline. You may coordinate with us for future correspondence and query regarding the execution of the project.

With regards,


Coordinator
SSIP-AITS



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NAAC - Cycle-3

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NAAC - Cycle-3

Criterion- III

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Metric – 3.2.1,
3.2.2, 3.2.4

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SARVODAY KELAVANI SAMAJ MANAGED

INSTITUTE OF TECHNOLOGY & SCIENCE

No.:AITS/SSIP/ 210720-05

Date: 20/07/2021

To,
Dr. Shivani Patel,
Department of Biotechnology,
Shree M. & N. Virani Science College,
(Autonomous), Rajkot

Subject: Award of the SSIP project for 2021-2022

Dear Mentor,

With reference to the application followed by presentation of your student(s), we are pleased to inform you that project proposal titled "Best Biofertilizer" of Rs. 13848.00 is sanctioned under the Knowledge Consortium of Gujarat, Government of Gujarat funded Student Startup and Innovation Policy (SSIP) Grant during 2021-2022.

You have to guide the team as mentor / project investigator and monitor the progress of the project. You have to present the half yearly report and demonstrate prototype developed at the end of the project as per the KCG, GoG SSIP guideline. You may coordinate with us for future correspondence and query regarding the execution of the project.

With regards,


Coordinator
SSIP-AITS



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NAAC - Cycle-3

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Criterion- III

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Metric – 3.2.1,
3.2.2, 3.2.4

SWAMI SHREEJI



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INSTITUTE OF TECHNOLOGY & SCIENCE

No.:AITS/SSIP/210720-06

Date: 20/07/2021

To,
Dr. Shivani Patel,
Department of Biotechnology,
Shree M. & N. Virani Science College,
(Autonomous), Rajkot

Subject: Award of the SSIP project for 2021-2022

Dear Mentor,

With reference to the application followed by presentation of your student(s), we are pleased to inform you that project proposal titled "**Formulation and characterization of edible plastics from natural sources**" of Rs. 7513.00 is sanctioned under the Knowledge Consortium of Gujarat, Government of Gujarat funded Student Startup and Innovation Policy (SSIP) Grant during 2021-2022.

You have to guide the team as mentor / project investigator and monitor the progress of the project. You have to present the half yearly report and demonstrate prototype developed at the end of the project as per the KCG, GoG SSIP guideline. You may coordinate with us for future correspondence and query regarding the execution of the project.

With regards,


Coordinator
SSIP-AITS



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**Empowering Youth for Undertaking Value Added Innovative
Translational Research (E-YUVA)
Final Results of the First National Call for Fellows
List of Selected E-YUVA Fellows**

Sr. No	Reference Number	Team Members	Institute(s)	Team Mentor	E-YUVA Centres
1	BT/EF0059/01/22	Anushka Sharma	Birla Institute of Technology, Mesra	Dr. Md Asif Hasan, Birla Institute of Technology, Mesra Patna	Adamas University
		Aditya Avi			
		Adityam Raj			
		Ankit Raj			
		Aman Kumar			
2	BT/EF0081/01/22	Ritaja Lahiri	Serampore College, West Bengal	Dr. Amita Chattopadhyay, Serampore College, West Bengal	Adamas University
		Sohan Kundu			
		Mahoarna Ghosh			
		HritabhashGhosh			
		Aneshwa			
3	BT/EF0099/01/22	Sakshi Kundu	Presidency University, Kolkata	Dr. Malay Das Presidency University, Kolkata	Adamas University
		Asmita Banerjee			
		Asmita Das			
		Semantec Bhattacharyya			
		Sarthak Mondal			
4	BT/EF0090/01/22	Eshani Dey	Brahmananda Keshab Chandra College, Kolkata	Dr. SouravSikdar Brahmananda Keshab ChandraCollege, Kolkata	Adamas University
		Samridha Mukherjee			
		Rahit Saha			
		Shalini Das			
		Sayan Saha Roy			
5	BT/EF0103/01/22	Abhishek R	Acharya Institute of Technology, Bengaluru	Dr. Muthukumar Chockalingam Acharya Institute of Technology, Bengaluru	Adamas University
		Aniketh Hebbar			
		Chetana K S			
		Tushar MKhatokar			
		Shivanjali Mohite			
6	BT/EF0049/01/22	Kaviya Senthil Nathan	PSG Collegeof Technology, Coimbatore	Dr. Selvi Subramanian PSG College of Technology, Coimbatore	Anna University
		Arpitha R Nair			
		Brindha N			
		Thabbani S			


Center Coordinator
E-YUVA CENTER
Atmiya University
Rajkot

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NAAC - Cycle-3

Criterion- III

DVV
Metric – 3.2.1,
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**Empowering Youth for Undertaking Value Added Innovative
Translational Research (E-YUVA)
Final Results of the First National Call for Fellows**

7	BT/EF0221/01/22	Sharda Ray	Jawaharlal Nehru	Dr. Mahipal Ganji Indian Institute of Science, Bengaluru	Anna University
		Matangi Kashyap			
		Souvik Mandal	Medical College, Belagavi, Karnataka		
8	BT/EF0033/01/22	Karthikeyan R	College of Engineering Guindy, Chennai	Dr. Kamala J College of Engineering Guindy, Chennai	Anna University
		Sameeha M			
		Vijay J			
9	BT/EF0038/01/22	Chinmaya Agarwal	SRM Dental College, Ramapuram, Chennai	Dr. Lakshmi Raj SRM Dental College, Ramapuram, Chennai	Anna University
		Sravani Giri			
		Lakshmi Raj			
		Narendra Indu Suresh			
10	BT/EF0028/01/22	Sakthi JayaSundar Rajasekar	Melmaruvathur Adhiparasakthi Institute of Medical Sciences and Research	Dr. Varalakshmi P Madras Institute of Technology, Chennai, Tamil Nadu	Anna University
		Hemanth N	Madras Institute of Technology, Chennai, Tamil Nadu		
		Mrunmai Dahare			
		G.Rubak Preyan			
		Yogeeswar S			
11	BT/EF0014/01/22	Harsh Mehta	Atmiya University	Dr. Shivani Patel Atmiya University, Rajkot, Gujarat	Atmiya University
		Anjali Tolan			
		Kinjal Modi			
		Shristi Prasad			
		Darshit Bhati			
12	BT/EF0013/01/22	Faizaan Noyda	Atmiya University	Dr. Ragini Raghav Atmiya University, Rajkot, Gujarat	Atmiya University
		Arundhatiba			
		Jethwa			
		Harsh			
		Kansagara			
13	BT/EF0016/01/22	Soham Gadhi	Shree M & N Virani science college, Atmiya University	Mr. Vivek Pattani Atmiya University, Rajkot, Gujarat	Atmiya University
		Jeer Rajgor			
		Urvi Varmora			
		Nidhi Varmora			
		Urvi Thadoda			
Dhvani Sherashiya					

Page 2 of 7

Shri Manibhai Virani
Center Coordinator
E-YUVA CENTER
Atmiya University
Rajkot





Shri Manibhai Virani and Smt. Navalben Virani Science College
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NAAC - Cycle-3

Criterion- III

DVV
Metric – 3.2.1,
3.2.2, 3.2.4

Use salt tolerant bacteria as a biofertilizer

Proposal reference no : BT/EF0016/01/22

E-YUVA centre: Atmiya University , Rajkot – 360005

Applicants

1. Varmora Urviben Kiritbhai
2. Varmora Nidhi Baldevbhai
3. Thadoda Urviben Jagdishbhai
4. Sherashiya Dhvani Manilal

Budget distribution

Sr. No.	Budget head	Budget allocation
1.	Travel.	Rs. 6,000/-
2.	Chemicals, Bacteriological media, glasswares and other consumables.	Rs. 1,35,000/-
3.	Plant Seeds.	Rs. 2,000/-
4.	Instruments.	Rs. 30,000/-
5.	Outsourcing.	Rs. 60,000/-
6.	Contingency.	Rs. 5,000/-
	Total	Rs. 2,38,000/-


Center Coordinator
E-YUVA CENTER
Atmiya University





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2020-2021



Shri Manibhai Virani and Smt. Navalben Virani Science College
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Criterion- III

DVV
Metric – 3.2.1,
3.2.2, 3.2.4



Rohan Pandya <rvpandya@vsc.edu.in>

Selection for funding assistance under SSIP scheme- IDEathon 2020 organized by AIC-GISC

AIC-GISC GTU Innovation and Startup Centre <aic-gisc@gtu.edu.in>

Wed, Jul 1, 2020 at 4:49 PM

To: rvpandya@vsc.edu.in

Cc: CEO AIC <ceo_aic@gtu.edu.in>, Tushar Panchal <ap_tushar@gtu.edu.in>, Brinda Pandya <gic_brinda@gtu.edu.in>

Dear Innovator

Congratulations.

We are glad to inform you that your idea, 'Preparation of natural polymer based formulations' has been selected for the SSIP grant through GTU, based upon the demo day screening in IDEathon that happened on 6th March, 2020.

It is requested that Purchases or Expenses should be made after submitting the declaration form and sharing quotations as per the format, along with the approval for the same.

For more queries/further support/co-working space you can discuss with our representative Ms. Brinda Pandya - Ahmedabad / Mr.Karan - Baroda/ Mr. Parth Sejpal - Rajkot/ Ms. Trushna Yagnik - Surat at GTU Innovation & Startup Center.

Statistics of the proposed and Approved Funds;

Proposed Amount for the Project: Rs. **2,00,000**

Approved Amount for the Project: Rs. **50,000**

Suggested timeline for Completing 1st Milestone: 3 Months

Once 100% funds are utilized from the 1st milestone along with completion/preparation of the proposed part of the project, the team could propose for remaining funds in their 2nd Milestone, which would be given based upon the review done for the 1st Milestone by the Committee.

If you wish to receive a co-working facility at GIC's regional center in your zone, you can revert back on this mail and we can guide you through the process for it.

Also, if you wish to receive any Skill Development or Strategic Mentorship support, for your prototype development, then you can mail us and we will arrange it accordingly.

For marketing validation and creating a strong business aspect in your venture, you can connect with **Prof. Tushar Panchal**, AP, GTU.(ap_tushar@gtu.edu.in)


For technical support(related to material identification and procurement) you can connect with **Ritu Trivedi**, Incubation Manager , AIC-GISC (ritu.aic@gtu.edu.in)

For Product/ Design approach related support you can connect with **Prof.Parth Sejpal**, AP, GTU.(ap_parth@gtu.edu.in)

For IPR/Patent related support you can connect with **Prof. Amit Patel**, AP, GTU. (ipr_projectofficer@gtu.edu.in)

Instructions for Initiation of Disbursement Process:

To proceed with the disbursement process, we would request you to prepare a self-declaration file. The template for the Affidavit is attached in the mail. If required, you can add your HOD, faculty member, or guide in your self-declaration form. A proposed timeline would be as soon as possible to benefit the society from the pandemic situation. Also, the fund will be released based on your quotation and

	Shri Manibhai Virani and Smt. Navalben Virani Science College An Autonomous college affiliated to Saurashtra University, Rajkot	NAAC - Cycle-3
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material availability. Moreover, it will depend on the Administrative process feasibility at University Office, Ahmedabad

After preparing the affidavit, the teams can start getting the quotations and uploading them in the respective folders.

Along with this, you are supposed to create a Folder in Google Drive. The folder should be named "**PROJECT NAME_SSIP- AIC-GISC_IDEATHON**" and the **editing access of the folder should be shared with ssipgtu@gtu.edu.in** . A folder should include:

- An Excel Sheet (for maintaining the financial details) (Format Attached)
- A folder for managing all the scanned copies of quotations
- A folder for managing all the scanned copies of bills/invoices
- Scanned copy of Affidavit (include all pages)
- The file containing Bank account details (Account number, IFSC code, Your Full name, Branch Name with Branch Code, Bank Name) of nominated team representative **only**.







Instructions for Affidavit, Quotation, and Bills are attached in the mail, which the team would need to follow.

In any case, if you are facing any issues you can ask for support at any point in time, you can let us know through this trailing mail.

For any query, you may contact Brinda Pandya on +9429929100

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 Regards,
 Atal Incubation center
 AIC-GISC Foundation
 Gujarat Technological University, Ahmedabad
 Contact: 079-23267560
www.gtu.ac.in | <http://www.aic-gisc.gtu.ac.in/>

6 attachments

-  **Instructions for Bills.docx**
12K
-  **Add Details of Quotations for Approval GIC Surat (1).xlsx**
10K
-  **Instructions for Quotations.docx**
13K
-  **Google Sheet Format.xlsx**
10K
-  **Declaration Format Final Draft (1).docx**
14K
-  **bonafide_certificate.docx**
18K



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NAAC - Cycle-3

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SWAMI SHREEJI



ATMIYA

SARVODAY KELAVANI SAMAJ MANAGED

INSTITUTE OF TECHNOLOGY & SCIENCE

No.:AITS/SSIP/20-21/01

Date: 22/10/20

To,
Ms. Leena Ambasana,
Department of Biotechnology,
Shree M. & N. Virani Science College,
(Autonomous), Rajkot

Subject: Award of the SSIP project for 2020-2021

Dear Mentor,

With reference to the application followed by presentation of your student(s), we are pleased to inform you that project proposal titled "EduTech" of Rs. 28000.00 is sanctioned under the Knowledge Consortium of Gujarat, Government of Gujarat funded Student Startup and Innovation Policy (SSIP) Grant during 2020-2021.


You have to guide the team as mentor / project investigator and monitor the progress of the project. You have to present the half yearly report and demonstrate prototype developed at the end of the project as per the KCG, GoG SSIP guideline. You may coordinate with us for future correspondence and query regarding the execution of the project.

With regards,


Coordinator
SSIP-AITS



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+91-281-3910300 Tele Fax : 2563766, e-mail : admin@aits.edu.in yogidhamrajkot@yahoo.com Web : www.aits.edu.in

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SWAMI SHREEJI

SARVODAY KELAVANI SAMAJ MANAGED

INSTITUTE OF TECHNOLOGY & SCIENCE

No.:AITS/SSIP/20-21/03

Date: 22/10/20

To,
Dr. Ravi Ranjan,
Department of Biotechnology,
Shree M. & N. Virani Science College,
(Autonomous), Rajkot

Subject: Award of the SSIP project for 2020-2021

Dear Mentor,

With reference to the application followed by presentation of your student(s), we are pleased to inform you that project proposal titled "**Human Hair Derived Amino Acid Based Biofertilizer**" of Rs. **7050.00** is sanctioned under the Knowledge Consortium of Gujarat, Government of Gujarat funded Student Startup and Innovation Policy (SSIP) Grant during **2020-2021**.

You have to guide the team as mentor / project investigator and monitor the progress of the project. You have to present the half yearly report and demonstrate prototype developed at the end of the project as per the KCG, GoG SSIP guideline. You may coordinate with us for future correspondence and query regarding the execution of the project.

With regards,


Coordinator
SSIP-AITS



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2019-2020



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INSTITUTE OF TECHNOLOGY & SCIENCE

No.:AITS/SSIP/19-20/03

Date: 23-04-19

To,
Dr. Shivani Patel,
Department of Biotechnology,
Shree M. & N. Virani Science College,
(Autonomous), Rajkot

Subject: Award of the SSIP project for 2019-2020

Dear Mentor,

With reference to the application followed by presentation of your student(s), we are pleased to inform you that project proposal titled “**Virtual Lab**” of Rs. **30000.00** is sanctioned under the Knowledge Consortium of Gujarat, Government of Gujarat funded Student Startup and Innovation Policy (SSIP) Grant during **2019-2020**.

You have to guide the team as mentor / project investigator and monitor the progress of the project. You have to present the half yearly report and demonstrate prototype developed at the end of the project as per the KCG, GoG SSIP guideline. You may coordinate with us for future correspondence and query regarding the execution of the project.

With regards,


Coordinator
SSIP-AITS



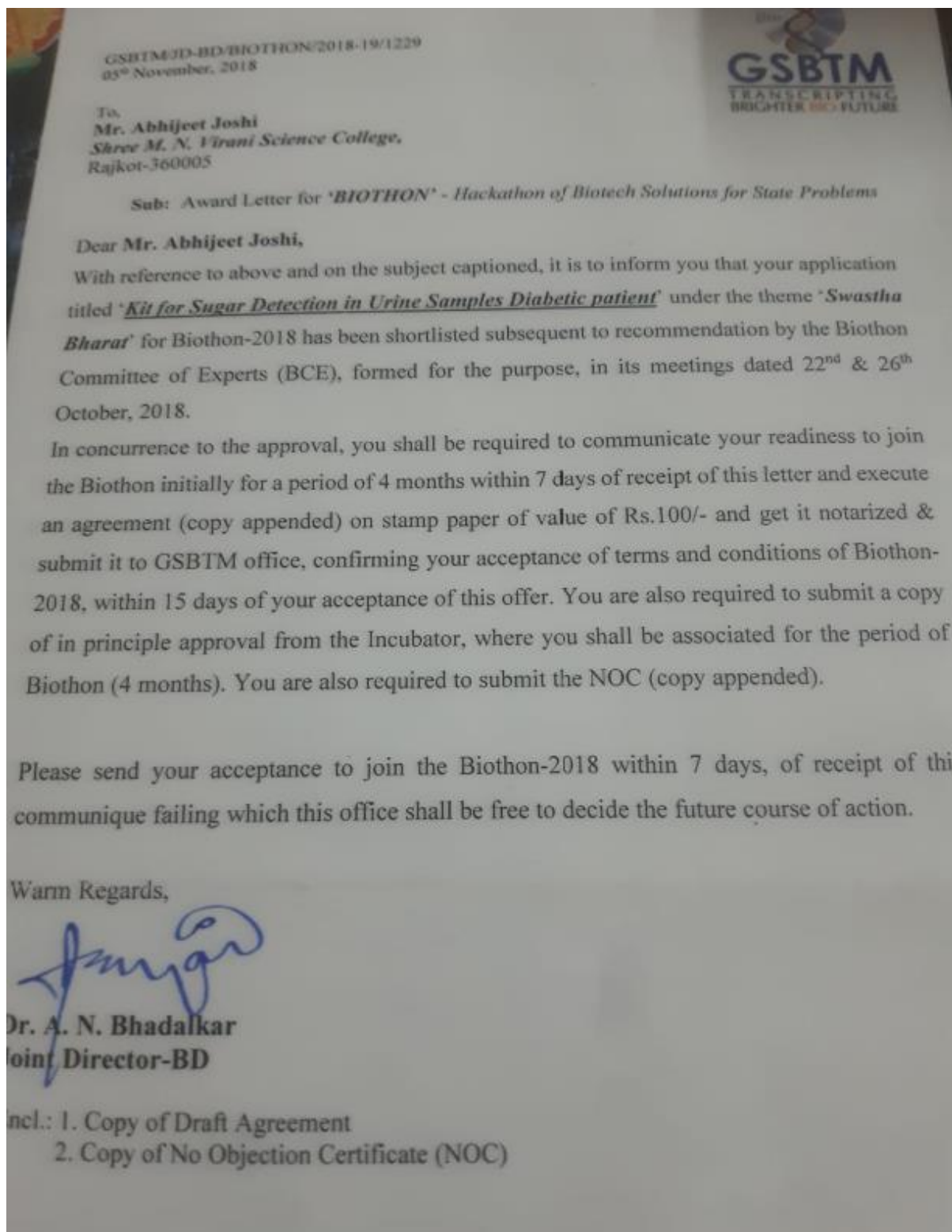


Shri Manibhai Virani and Smt. Navalben Virani Science College
An Autonomous college affiliated to Saurashtra University, Rajkot

NAAC - Cycle-3

Criterion- III

DVV
Metric – 3.2.1,
3.2.2, 3.2.4





Shri Manibhai Virani and Smt. Navalben Virani Science College
An Autonomous college affiliated to Saurashtra University, Rajkot

NAAC - Cycle-3

Criterion- III

DVV
Metric – 3.2.1,
3.2.2, 3.2.4

SWAMI SHREEJI



ATMIYA

SARVODAY KELAVANI SAMAJ MANAGED

INSTITUTE OF TECHNOLOGY & SCIENCE

No.:AITS/SSIP/19-2019

Date: 23-04-19

To,
Ms. Nidhi Saxena,
Department of Microbiology,
Shree M. & N. Virani Science College,
(Autonomous), Rajkot

Subject: Award of the SSIP project for 2019-2020

Dear Mentor,

With reference to the application followed by presentation of your student(s), we are pleased to inform you that project proposal titled "**Mushroom Cultivation (Mushroom source of high protein)**" of Rs. 30000.00 is sanctioned under the Knowledge Consortium of Gujarat, Government of Gujarat funded Student Startup and Innovation Policy (SSIP) Grant during 2019-2020.

You have to guide the team as mentor / project investigator and monitor the progress of the project. You have to present the half yearly report and demonstrate prototype developed at the end of the project as per the KCG, GoG SSIP guideline. You may coordinate with us for future correspondence and query regarding the execution of the project.

With regards,

Shri
Coordinator
SSIP-AITS



"YOGIDHAM GURUKUL", Kalawad Road, Rajkot-360 005. (Gujarat - India) Tel.: +91-281-2563445,
+91-281-3910300 Tele Fax: 2563786, e-mail: admin@aits.edu.in yogidhamrajkot@yahoo.com Web: www.aits.edu.in



Shri Manibhai Virani and Smt. Navalben Virani Science College
An Autonomous college affiliated to Saurashtra University, Rajkot

NAAC - Cycle-3

Criterion- III

DVV
Metric – 3.2.1,
3.2.2, 3.2.4





Shri Manibhai Virani and Smt. Navalben Virani Science College
An Autonomous college affiliated to Saurashtra University, Rajkot

NAAC - Cycle-3

Criterion- III

DVV
Metric – 3.2.1,
3.2.2, 3.2.4



No.:AITS/SSIP/ 19-20/11

Date: 23-04-19

To,
Ms. Dimple Kachhadiya,
Department of Microbiology,
Shree M. & N. Virani Science College,
(Autonomous), Rajkot

Subject: Award of the SSIP project for 2019-2020

Dear Mentor,

With reference to the application followed by presentation of your student(s), we are pleased to inform you that project proposal titled "Vacuum Duster" of Rs. 8024.00 is sanctioned under the Knowledge Consortium of Gujarat, Government of Gujarat funded Student Startup and Innovation Policy (SSIP) Grant during 2019-2020.

You have to guide the team as mentor / project investigator and monitor the progress of the project. You have to present the half yearly report and demonstrate prototype developed at the end of the project as per the KCG, GoG SSIP guideline. You may coordinate with us for future correspondence and query regarding the execution of the project.

With regards,


Coordinator
SSIP-AITS



"YOGIDHAM GURUKUL", Kalawad Road, Rajkot-360 005. (Gujarat - India) Tel.: +91-281-2563445,
+91-281-3910300 Telo Fax: 2563766, e-mail: admin@aits.edu.in yogidhamrajkot@yahoo.com Web : www.aits.edu.in



Shri Manibhai Virani and Smt. Navalben Virani Science College
An Autonomous college affiliated to Saurashtra University, Rajkot

NAAC - Cycle-3

Criterion- III

DVV
Metric – 3.2.1,
3.2.2, 3.2.4





Shri Manibhai Virani and Smt. Navalben Virani Science College
An Autonomous college affiliated to Saurashtra University, Rajkot

NAAC - Cycle-3

Criterion- III

DVV
Metric – 3.2.1,
3.2.2, 3.2.4

2018-2019



Shri Manibhai Virani and Smt. Navalben Virani Science College
An Autonomous college affiliated to Saurashtra University, Rajkot

NAAC - Cycle-3

Criterion- III

DVV
Metric – 3.2.1,
3.2.2, 3.2.4

Gujarati to English Translation

Gujarat Knowledge Society,
C/Directorate of Technical Education
3rd Floor, Block No. 1
Karmayogi Bhavan,
Gandhinagar- 382010
Email: gksguj@gmail.com
Date: 09/07/2018

No. GKS/SSIP/GDP-3/VSC/2018/104

Office order:

Sub: MoU under SSIP and allocation of grant in respect thereof year-2018

The proposal made by your institution has been selected for SSIP grant under 'Student Start-up and Innovation Policy' (SSIP) promulgated by the State Education Department vide Resolution No. PRC/2016/IPIES/DS/S/71019 dated 11/1/2017. Under the proposal made by Shri Manibhai Virani and Shrimati Navalben Virani Science College, Rajkot (VSC) as per SSIP, as first instalment for various activities of SSIP in the year 2018-19, Rs.1.5 lakh (one lakh twenty five thousand) is directed to be allocated to the college subject to the following conditions.

- (1) Expenditure shall be made as per the proposal made by the VSC and for various activities of the SSIP subject to the provisions of the resolution of the SSIP.
- (2) SSIP will issue separate guidelines regarding expenditure mechanism, maximum limit, utilization and audit for various activities of SSIP and it has to be followed.
- (3) If such expenditure is not in accordance with the prescribed norms of SSIP or the proposal of VSC and such expenditure is disallowed by SSIP in future, the amount shall be reimbursed by VSC.
- (4) Quarterly report on expenditure and CA Annual Audit of Utilization Certificate (UTC) will have to be submitted to SSIP Cell.
- (5) If any representation is to be made by the VSC, then the representation shall be made within seven days of the order of allotment of the grant of the first instalment otherwise it shall be considered as unconditional acceptance of the order of allotment of grant.
- (6) The MoU done between VSC and GKS for implementation of operation of SSIP is attached herewith and proceedings under SSIP shall be done in accordance with this MoU.

Encl. 1. A copy of MoU

2. Guidelines for Institutional Grant Utilization

To,

Principal,

Shri Manibhai Virani & Shrimati Navalben Virani Science College, Rajkot

Copy sent:

1. Personal assistant of (Higher & Technical Edu.), Education Dep., Gandhinagar.
2. Accounts Officer, Office of Technical Education.

Handwritten signature
Coordinator,

Criterion - 3 (NAAC-3)
Shri Manibhai Virani & Smt. Navalben
Virani Science College, Rajkot



Handwritten signature
Principal

Shri Manibhai Virani and
Smt. Navalben Virani Science College
(Autonomous) Rajkot.



Shri Manibhai Virani and Smt. Navalben Virani Science College
An Autonomous college affiliated to Saurashtra University, Rajkot

NAAC - Cycle-3

Criterion- III

DVV
Metric – 3.2.1,
3.2.2, 3.2.4



Gujarat Knowledge Soci
C/ Directorate of Technical Educat
3rd Floor, Block N
Karmyogi Bhau
Gandhinagar-3820
Email: gksgur@gmail.c

No. GKS/SSIF/GDP-3/VSC/2018/104

તારીખ: 05/03/2018

કચેરી અદેશ:

CC

વિષય: SSIF અંતર્ગત MoU અને તે સંદર્ભે ગ્રાન્ટની ફાળવણી વર્ષ-2018
રાજ્યના શિક્ષણ વિભાગ દ્વારા તા. ૧૧-૦૧-૨૦૧૭ ના ઠરાવ ક્રમાંક: PRC/2016/IPIES/DS/S/71019
જાહેર કરવામાં આવેલ "સ્ટુડન્ટ સ્ટાઈપેન્ડ એન્ડ ઇનોવેશન પોલીસી" (SSIP) હેઠળ SSIP ગ્રાન્ટ મેળવવા આપ
સંસ્થા દ્વારા કરાયેલ દરખાસ્ત પસંદગી પામેલ છે. SSIP ના ઠરાવ મુજબ શ્રી મણિભાઈ વીરાણી અને શ્રીમતી
નવલબેન વિરાણી સાયન્સ કોલેજ, રાજકોટ (VSC), એ કરેલ દરખાસ્ત અંતર્ગત વર્ષ 2018-19 માં SSIP ન
વિવિધ પ્રવૃત્તિઓ માટે પ્રથમ હપ્તા પેટે, VSC ને રૂ. 1.25 લાખ (એક લાખ પચાસ હજાર) ફાળવવા આઈ
નીચેની શરતો ને આધીન આદેશ કરવામાં આવે છે.

- (૧) VSC દ્વારા કરાયેલ દરખાસ્ત અનુસાર અને SSIP ની વિવિધ પ્રવૃત્તિઓ માટે SSIP ના ઠરાવ ની જોગવાઈ
ને આધીન ખર્ચ કરવાનો રહેશે.
- (૨) SSIP ની વિવિધ પ્રવૃત્તિઓ માટે ખર્ચ કરવાની પદ્ધતિ, મહત્તમ મર્યાદા, ઉપયોગીતા અને ઓડિટ બાબતે
SSIP દ્વારા અલગથી માર્ગદર્શિકા આપવામાં આવશે તેને અનુસરવાની રહેશે.
- (૩) SSIP ના ઠરાવેલ ધોરણો અથવા VSC ની દરખાસ્ત ને અનુરૂપ ન હોય અને SSIP દ્વારા આવા ખર્ચ ને જો
સવિધ્ય માં ના મંજૂર કરવામાં આવશે તો રકમ ની ભરપાઈ VSC એ કરવાની રહેશે.
- (૪) ખર્ચ અંગેનો ત્રિમાસિક અહેવાલ તેમજ Utilization Certificate (UTC) નું CA-Annual Audit કરાવી તેનો
રીપોર્ટ SSIP સેલ ને રજૂ કરવાનું રહેશે.
- (૫) VSC દ્વારા જો કોઈ રજૂઆત કરવાની થતી હોય તો પ્રથમ હપ્તાની ગ્રાન્ટ ની ફાળવણીના આદેશથી સાત
દિવસની અંદર રજૂઆત કરવાની રહેશે અન્યથા ગ્રાન્ટ ફાળવણીના થનાર આદેશની બિનશરતી સ્વીકૃતિ
ગણવામાં આવશે.
- (૬) SSIP ની કામગીરીના અમલીકરણ માટે VSC અને GKS વચ્ચે થયેલ MoU આ સાથે સામેલ છે અને SSIP
અંતર્ગતની કાર્યવાહી આ MoU અનુસાર કરવાની રહેશે.

KLG

સી.ઈ.એ. - જી.કે.એસ.

વિડાણ: ૧. MoU ની નકલ.

૨. સંસ્થાની ગ્રાન્ટ ફાળવણી માટે ની માર્ગદર્શિકા.

પતિ,

આચાર્યશ્રી,

શ્રી મણિભાઈ વીરાણી અને શ્રીમતી નવલબેન વિરાણી સાયન્સ કોલેજ, રાજકોટ

નકલ સવિનય રવાના:

૧. અગ્રસચિવશ્રી (ઉચ્ચ અને ટે.શી.), શિક્ષણ વિભાગ, સચિવાલય, ગાંધીનગર

૨. એકાઉન્ટ ઓફિસરશ્રી, નિયામકશ્રી ટેકનીકલ શિક્ષણની ક

Shri Manibhai Virani and Smt. Navalben Virani Science College
(Autonomous) Rajkot

Shree M. & N. Virani's Science College, (AUTONOMOUS)
Inward No. 242
Date 05/03/2018
Signature



Shri Manibhai Virani and Smt. Navalben Virani Science College
An Autonomous college affiliated to Saurashtra University, Rajkot

NAAC - Cycle-3

Criterion- III

DVV
Metric – 3.2.1,
3.2.2, 3.2.4



Gujarat Knowledge Society
C/o Commissionerate of Technical
Education
3rd Floor, Block No. 2,
Karmayogi Bhavan,
Gandhinagar 382010,
Email: ssipgujarat@gmail.com,
gksguj@gmail.com



GKS/SSIP/Grant/ VSC/Next Instalment/2020-21/204

14/09/2020

Office Order:

By Email/Post

- Subject :** Release of next instalment for SSIP Grant of INR 72,000 to Shree Manibhai Virani & Smt. Navalben Virani Science College (Phase- 3 Grantee)
- Reference :**
1. The Government Resolution No. PRC/2016/IPIES/DS /S /710197, dated 11/01/2017
 2. The Government Resolution No. PRC/102016/1719/S dated 28/03/2018
 3. MOU between GKS and Shree Manibhai Virani & Smt. Navalben Virani Science College dated 06/07/2018
 4. SSIP Office Order No. GKS/SSIP/GDP-3/VSC/2018/104 dated 09/07/2018.
 5. SSIP Financial Guidelines for Institute
 6. Grant Utilization data up to 31/03/2020 by your Institute/University locked on SSIP Portal
 7. Approval granted by Executive Chairperson, GKS Government of Gujarat for release of next instalment note dated 08/06/2020


Respected Sir/Madam,

We are pleased to bring it to your kind notice that taking into consideration Grant Utilization data submitted by Shree Manibhai Virani & Smt. Navalben Virani Science College on SSIP portal, and considering the utilization till 31/03/2020, the approval for release of INR 72,000.00 towards next instalment of the SSIP Grant has been accorded. The amount shall be transferred into Institute/University SSIP Bank Account No. 50100376740607 with IFSC code HDFC0000379.

CS

Signature

Signature


Principal
Shri Manibhai Virani and
Smt. Navalben Virani Science College
(Autonomous) Rajkot.



Shri Manibhai Virani and Smt. Navalben Virani Science College
An Autonomous college affiliated to Saurashtra University, Rajkot

NAAC - Cycle-3

Criterion- III

DVV
Metric – 3.2.1,
3.2.2, 3.2.4



SWAMI SHREED

SARVODAY KELAVANI SAMAJ MANAGED

Shree Manibhai Virani & Smt. Navalben Virani Science College

An AUTONOMOUS COLLEGE

- Re-accredited at the 'A' Level (CGPA 3.28) by NAAC
- A College with Potential for Excellence - CPE (Phase - II) by UGC
- 'STAR College Department' Status by MST-DBT
- Accredited at the G-AAA 'A-1' Level by KCG, Govt. of Gujarat

No.: VCC/DBT/STAR/SM/2018/39

Date: 18/07/2018

Subject: Allotment of Seed Money for Student Research Project

Following departments are provided with seed money for student research projects under the DBT STAR college scheme grant for the year 2018-2019 with recommendation from the head of the concerned department. The beneficiary faculty will have to keep informed the head of the department about the progress of the project.

Sr. No.	Department	Amount Sanctioned (Rs.)
1	Industrial Chemistry	70000.00
2	Physics	3000.00
3	Mathematics	15000.00
	Total (Rs.)	88000.00

The sanctioned amount shall be utilized only for the project purpose. Head of the Department shall remain authority to monitor all over progress of the projects.

Accountant

Coordinator
DBT STAR College Scheme

Principal

Principal
Shri Manibhai Virani and
Smt. Navalben Virani Science College
(Autonomous) Rajkot.

CC:

- Account and Audit Section
- DBT STAR College Scheme Coordinator
- Head of the Department(s)
- IQAC Coordinator

Page 1 of 1

ATMIYA Group of Institutions, Yogidham Gurukul, Kalawad Road, Rajkot - 360 005, (GUJARAT) INDIA.
Ph.: +91 - 281 - 2562681 Fax : +91 - 281 - 2563952 E-mail : admin@vsc.edu.in Website : www.vsc.edu.in



Shri Manibhai Virani and Smt. Navalben Virani Science College
An Autonomous college affiliated to Saurashtra University, Rajkot

NAAC - Cycle-3

Criterion- III

DVV
Metric – 3.2.1,
3.2.2, 3.2.4



Shri Manibhai Virani and Smt. Navalben Virani Science College
An Autonomous college affiliated to Saurashtra University, Rajkot

List of Seed Money Projects A.Y. 2018-2019

S.N.	Name of the Faculty	Department	Title of the Project	Project Amount (Rs.)	Department wise Total (Rs.)	Total Amount Utilized (Rs.)
1	Er. Ravi S. Tank	Industrial Chemistry	Study of antimicrobial activity of oil extracted from Pongamia pinnata seeds incorporated in hand sanitizer	5232.00	68749.00	85265.00
2	Mr. Viral H. Karia	Industrial Chemistry	Antimicrobial activities of imidazoline derivative	6445.00		
3	Er. Dhaval A. Tank	Industrial Chemistry	Antimicrobial activities of chemical derivatives against different microorganism	3565.00		
4	Mr. Prashant S. Gajera	Industrial Chemistry	Biodegradable polymer preparation & characterisation	7444.00		
5	Mr. Pankaj M. Akbari	Industrial Chemistry	Preparation of highly active solid catalyst from lemon pills and its application to bioenergy production	6825.00		
6	Mr. Govind V. Vagadiya	Industrial Chemistry	Synthesis of novel heterocyclic molecules.	4265.00		
7	Mr. Viral H. Karia	Industrial Chemistry	Synthesis and biological screening of 1, 4 di-hydroxy anthraquinone derivatives as a promising anticancer agents	3234.00		
8	Mr. Pankaj M. Akbari	Industrial Chemistry	Synthesis of novel 1, 2, 4 triazol and pyridine triazole as a potential anticancer, antibacterial, antifungal and anticorrosive agents	4153.00		
9	Dr. Mehul Savaliya	Industrial Chemistry	Synthesis of cyanuric chloride derivatives as antimicrobial agents.	9957.00		
10	Dr. Govind Vagadiya	Industrial Chemistry	One pot green MCRs for synthesis of coumarin derivatives as anticancer agents.	8756.00		
11	Dr. Mehul Savaliya	Industrial Chemistry	Synthesis & Characterization of Indole and Pyrazole derivatives for 12Agriculture and Medicinal Application.	6341.00		

Page 1 of 2



Shri Manibhai Virani and Smt. Navalben Virani Science College
An Autonomous college affiliated to Saurashtra University, Rajkot

12	Er. Dhaval A. Tank	Industrial Chemistry	Preparation of novel chalcones.	2532.00	2000.00	
13	Dr. Reena Dave	Biology	Herbal products: Preparation of Herbal Moisturizer, Herbal Stir Up, Herb Care Spray and Soothing.	500.00		
14	Dr. Neha Patel	Biology	Sectioning and anatomy of anomalous secondary growth of dicot roots and cell division	500.00		
15	Dr. Reena Dave	Biology	Study of pollen grains of Family Malvaceae	500.00		
16	Dr. Rahul S. Gohel	Biology	Identification of marine animals of the coast of Narara Island (Gujarat)	500.00		
17	Dr. B. S. Joshi	Physics	Testing of Analog circuits	8234.00		
18	Dr. B. A. Joshi	Physics	Testing of Digital circuits	6282.00	1456.00	


ACCOUNTANT


Co-ordinator,

Shri Manibhai Virani & Smt. Navalben
Virani Science College, Rajkot


Principal
Shri Manibhai Virani and
Smt. Navalben Virani Science College
(Autonomous) Rajkot.



Page 2 of 2



Shri Manibhai Virani and Smt. Navalben Virani Science College
An Autonomous college affiliated to Saurashtra University, Rajkot

NAAC - Cycle-3

Criterion- III

DVV
Metric – 3.2.1,
3.2.2, 3.2.4

2017-2018



Shri Manibhai Virani and Smt. Navalben Virani Science College
An Autonomous college affiliated to Saurashtra University, Rajkot

NAAC - Cycle-3

Criterion- III

DVV
Metric – 3.2.1,
3.2.2, 3.2.4



SWAMI SHREEJI

SARVODAY KELAVANI SAMAJ MANAGED

Shree Manibhai Virani & Smt. Navalben Virani Science College

An AUTONOMOUS COLLEGE

- Re-accredited at the 'A' Level (CGPA 3.28) by NAAC
- 'STAR College Department' Status by MST-DBT
- A College with Potential for Excellence - CPE (Phase - II) by UGC
- Accredited at the G-AAA 'A-1' Level by KCG, Govt. of Gujarat

No.: VSC/DBT/STAR/SM/2017/65-A

Date: 26/06/2017

Subject: Allotment of Seed Money for Student Research Project

Following departments are provided with seed money for student research projects under the DBT STAR college scheme grant for the year 2017-2018 with recommendation from the head of the concerned department. The beneficiary faculty will have to keep informed the head of the department about the progress of the project.

Sr. No.	Department	Amount Sanctioned (Rs.)
1	Industrial Chemistry	60000.00
2	Physics	55000.00
3	Mathematics	5000.00
	Total (Rs.)	120000.00

The sanctioned amount shall be utilized only for the project purpose. Head of the Department shall remain authority to monitor all over progress of the projects.

Accountant

Coordinator
DBT STAR College Scheme

Principal
Shri Manibhai Virani and
Smt. Navalben Virani Science College
(Autonomous) Rajkot.

CC:

- Account and Audit Section
- DBT STAR College Scheme Coordinator
- Head of the Department(s)
- IQAC Coordinator

Page 1 of 1

ATMIYA Group of Institutions, Yogidham Gurukul, Kalawad Road, Rajkot - 360 005, (GUJARAT) INDIA.
Ph.: +91 - 281 - 2562681 Fax : +91 - 281 - 2563952 E-mail : admin@vsc.edu.in Website : www.vsc.edu.in



Shri Manibhai Virani and Smt. Navalben Virani Science College
An Autonomous college affiliated to Saurashtra University, Rajkot

NAAC - Cycle-3

Criterion- III

**DVV
Metric – 3.2.1,
3.2.2, 3.2.4**



Shri Manibhai Virani and Smt. Navalben Virani Science College
An Autonomous college affiliated to Saurashtra University, Rajkot

List of Faculties awarded seed money to the teachers, title of the project, and duration of the project during A.Y. 2017-18

S. N.	Name of the teacher provided with seed money	Department	Title of the Project	Amount (Rs.)	Department wise Total Amount (Rs.)	The amount of seed money (Rs.)
1	Er. Ravi S. Tank	Industrial Chemistry	Characterization of Industrial Effluents	7234.00	53212.00	110371.00
2	Mr. Prashant S. Gajera	Industrial Chemistry	Study on Synthesis of Methyl Salicylate & Its Derivatives	8239.00		
3	Er. Dhaval A. Tank	Industrial Chemistry	Preparation of Perovskite based catalyst by co-precipitation, citrate & Sol-Gel method	4325.00		
4	Mr. Viral H. Karia	Industrial Chemistry	Hydrogel preparation for the removal of dyes from chemical waste	2551.00		
5	Mr. Pankaj M. Akbari	Industrial Chemistry	Synthesis of Chalcone & its Derivatives	16857.00		
6	Mr. Govind V. Vagadiya	Industrial Chemistry	Synthesis of Oxazole derivatives and its characterisation	14006.00		
7	Dr B.A. Joshi & Dr D. J. Dave	Physics	Power supply wise mobile chargers	15524.00	51659.00	
8	Dr B.A. Joshi & Dr D. J. Dave	Physics	Capacitor parallel and series	9857.00		
9	Dr B.A. Joshi & Dr D. J. Dave	Physics	Resister in Series and Parallel	17357.00		
10	Dr. B. S. Trivedi	Physics	Logic Gate Circuit	8921.00	4000.00	
11	Dr. J. N. Chauhan	Mathematics	The Dihedral Group	500.00		
12	Dr. J. N. Chauhan	Mathematics	Introduction to Geogebra	500.00		
13	Ms. Chandani Dhaduk	Mathematics	Ordinary Differential Equation	500.00		
14	Mr. Punil Vadher	Mathematics	Number Theory	500.00		
15	Ms. Nisha Nesadiya	Mathematics	Real life Problems Solved by Graph	500.00		

Page 1 of 2



Shri Manibhai Virani and Smt. Navalben Virani Science College
An Autonomous college affiliated to Saurashtra University, Rajkot

S. N.	Name of the teacher	Department	Title of the Project	Amount (Rs.)	Department wise Total Amount (Rs.)	The amount of seed money (Rs.)
16	Ms. Bhavati Nabhooya	Mathematics	Calculus	500.00	1500.00	
17	Dr. Mahesh Joshi	Mathematics	Introduction to Topology	500.00		
18	Mr. Parag Ajani	Mathematics	Statistical Methods	500.00		
19	Dr. Rakhimol Isaac	Mathematics	Partial Differential Equation and Its Applications	500.00		
20	Ms. Neha Jamvecha	Mathematics	Abacus and Vedic Mathematics	500.00		
21	Ms. Miral Ambavi	Mathematics	Problems and Solutions of Group Theory	500.00		

AC-COUNTANT

[Signature]
Co-ordinator,

Shri Manibhai Virani & Smt. Navalben Virani Science College, Rajkot

[Signature]
Principal
Shri Manibhai Virani and Smt. Navalben Virani Science College (Autonomous) Rajkot.



Page 2 of 2



Shri Manibhai Virani and Smt. Navalben Virani Science College
An Autonomous college affiliated to Saurashtra University, Rajkot

NAAC - Cycle-3

Criterion- III

DVV
Metric – 3.2.1,
3.2.2, 3.2.4



SARVODAY KELA VANI SAMAJ MANAGED

Shree Manibhai Virani & Smt. Navalben Virani Science College

An AUTONOMOUS COLLEGE

- Re-accredited at the 'A' Level (CGPA 3.28) by NAAC
- 'STAR College Department' Status by MST-DBT
- A College with Potential for Excellence - CPE (Phase - II) by UGC
- Accredited at the G-AAA 'A-1' Level by KCG, Govt. of Gujarat

Summary

Title of the Project: Production and Characterization of Rhamnolipid Biosurfactants from Marine Bacteria using Agro and Industrial Waste

Principal Investigator: Dr. Neepa Dilipkumar Pandhi

Amount Sanctioned: Rs. 37,64,000.00

Project Tenure: 31-03-16 to 02-05-20

S. N.	Details of Correspondence
1	Sanction order from GSBTM, Ref. No. BT/PR10891/AAQ/3/670/2014, Dt. 03-03-2016
2	Utilization Certificate and Statement of Expenditure 2016-2017
3	Utilization Certificate and Statement of Expenditure 2017-2018
4	Utilization Certificate and Statement of Expenditure 2018-2019
5	Utilization Certificate and Statement of Expenditure 2019-2020
6	Final Settlement of Account, September 2020



[Signature]
Principal

[Signature]
Prin. Investigator
(Major Project)

ATMIYA Group of Institutions, Yogidham Gurnukul, Kalawad Road, Rajkot - 360 005, (GUJARAT) INDIA.
Ph.: +91 - 281 - 2562681 Fax : +91 - 281 - 2563952 E-mail : admin@vsc.edu.in Website : www.vsc.edu.in



Shri Manibhai Virani and Smt. Navalben Virani Science College
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NAAC - Cycle-3

Criterion- III

DVV
Metric – 3.2.1,
3.2.2, 3.2.4

No. BT/PR10861/AAQ/3/670/2014
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY

Block 2, 6-8th Floors
CGO Complex, Lodhi Road,
New Delhi- 110 003
Dated: 03.03.2016

ORDER

Sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules, 1978, for the implementation of the project entitled: "**PRODUCTION AND CHARACTERIZATION OF RHAMNOLIPID BIOSURFACTANTS FROM MARINE BACTERIA USING AGRO AND INDUSTRIAL WASTE**" for a period of 3 Year 0 Month at a total cost of Rs. **3764000** (Rupees Thirty Seven Lakhs Sixty Four Thousand Only) on the terms and conditions detailed here under:-

2 The Project :

2.1 Title : "PRODUCTION AND CHARACTERIZATION OF RHAMNOLIPID BIOSURFACTANTS FROM MARINE BACTERIA USING AGRO AND INDUSTRIAL WASTE"

2.2 Details of the Investigators:

Dr. NEEPA DILIPKUMAR PANDHI
Associate Professor and HOD
MICROBIOLOGY
Shri. Manibhai Virani & Smt.
Navalben Virani Science Collage
SHREE M & N VIRANI SCIENCE
COLLEGE, KALAWAD ROAD,
RAJKOT, Gujarat, 360001

2.3 Objectives:

1. Detailed physico-chemical characterization of the Rhamnolipid molecules produced by isolated marine bacteria
2. To study the growth and BS/BE production potential of the isolates with variety of cheap and easily available nutrient sources and to develop process for its industrial production
3. Process scale up and optimization for industrial level production
4. optimization of the reaction conditions for the emulsification / surfactant activity of the biosurfactants produced from the waste resources.
5. Structural analysis of the produced biosurfactants to check purity and to deduce its exact chemical nature to facilitate its industrial application

Generated through eProMIS



Shri Manibhai Virani and Smt. Navalben Virani Science College
An Autonomous college affiliated to Saurashtra University, Rajkot

NAAC - Cycle-3

Criterion- III

DVV
Metric – 3.2.1,
3.2.2, 3.2.4

SP. 61 SARVODAYA AREA <3600>
GSTN No: APPLIET0360005
EQ975013890IM
Counter No:1, CP-Code:RPV
To: DR SHWABJI LADDI AHME.
LODHI ROAD, PIN:110003
From: DR NEEPA PANDHI, RAJKOT
Wt: 114 grams, Dt: 07/07/2017, 10:21
Frt: 71.00
COST @% 5.5, GST @% 5.50
<Track on www.indiapost.gov.in>

SWAMI SHREEM

IVODAY KELAVANI SAMAJ MANAGED

Shri Manibhai Virani and Smt. Navalben Virani Science College

by NAAC

'STAR College Department' Status by MST-DBT

PE (Phase - II) by UGC Accredited at the G-AAA 'A-1' Level by KCG, Govt. of Gujarat

(GUJARAT) INDIA. Ph.: +91 - 281 - 2562681 Fax : +91 - 281 - 2563952
ju.in Website : www.vsc.edu.in

VSC/UC-DBT/154/17

To,
Dr. S. Ahmed
Programme Officer
Scientist 'D'
Department of Biotechnology
Block 2, 6th - 8th floor
CGO Complex, Lodhi Road
New Delhi - 110003
6th July 2017

Sub: Submission of Utilization Certificate for the year 2016-17 for Project entitled Production and Characterization of Rhamnolipid Biosurfactants from Marine Bacteria using Agro and Industrial Waste (Permanent Project Registration No- BT/PR10861/AAquote/3/670/2014)

Dear Sir

Warm Greetings

Kindly find enclosed hard copy of

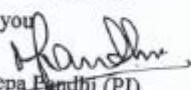
1. Utilization Certificate
2. Equipments detail
3. Manpower details

for the time duration 1st April 2016- 31st March 2017 for Project Proposal entitled "Production and Characterization of Rhamnolipid Biosurfactants from Marine bacteria using Agro and Industrial waste" (Permanent Project Registration No- BT/PR10861/AAquote/3/670/2014).

I further want to inform that the same for the time duration from 3rd March 2016 (Project Sanction date) to 31st March 2016 has not been enclosed as the grant was received on 30th October 2016 and hence no expenditure was made till that time.

With warm regards,

Thank you


Dr. Neepa Pandhi (PI)
Associate Professor and Head
Department of Microbiology



Shri Manibhai Virani and Smt. Navalben Virani Science College
An Autonomous college affiliated to Saurashtra University, Rajkot

NAAC - Cycle-3

Criterion- III

DVV
Metric – 3.2.1,
3.2.2, 3.2.4

Annexure - D

UTILIZATION CERTIFICATE

(For the financial year 1st April 2016 to 31st March 2017)
(Amount in Rs. in lakh)

1.	Title of the Project/Scheme:	Production and characterization of Rhamnolipid biosurfactants from marine bacteria using agro and industrial waste[10861]
2.	Name of the Organisation:	Shri. Manibhai Virani & Smt. Navalben Virani Science College
3.	Principal Investigator:	Dr. Neepa Pandhi
4.	Department of Biotechnology sanction order No. & date of sanctioning the project :	i) Amount Rs. 37,64,000/- ii) letter No. BT/PR10861/AAQ/3/670/2014 iii) date 3/3/2016
5.	Amount brought forward from the previous financial year quoting DBT letter No. & date in which the authority to carry forward the said amount was given:	NIL
6.	Amount received from DBT during the financial year (Please give No. & dates of sanction orders showing the amounts paid):	Rs. 6,45,000/- (Recurring Grant) Wide Order No. 1. (102/IPD/SAN/2321/2016-2017)(05/09/2016) Rs. 20,40,800/- (Non-Recurring Grant) Wide order No. 2.(102/IPD/SAN/2322/2016-2017) (05/09/2016)
7.	Other receipts/interest earned, if any, on the DBT grants:	Rs. 44,980/-
8.	Total amount that was available for expenditure during the financial year (S. No. 5,6 and 7):	Rs. 27,30,780/-
9.	Actual expenditure (excluding commitments incurred during the financial year) (statement of expenditure is enclosed):	Rs. 1,42,932/-
10.	Unspent balance refunded, if any (Please give details of cheque No. etc.):	NIL
11.	Balance amount available at the end of the financial year :	Rs. 25,87,848/-
12.	Amount allowed to be carried forward to the next financial year vide letter no. & date:	*

Certified that the amount of Rs. 1,42,932/- of grants - in -aid mentioned against col. 9 has been utilized on the project/scheme for the purpose for which it was sanctioned and that the balance of Rs. 25,87,848/- remaining unutilized at the end of the year will be adjusted towards the grants-in-aid payable during the next year.

2. Certified that I have satisfied myself that the conditions on which the grants-in-aid was sanctioned have been duly fulfilled/are being fulfilled and that I have exercised the following checks to see that the money was actually utilised for the purpose for which it was sanctioned.

Kinds of checks exercised:

- 1.
- 2.
- 3.
- 4.
- 5.

(PROJECT INVESTIGATOR)
SIGNATURE

(Signature)
H/O Principal
Shree Manibhai Virani and
Smt. Navalben Virani Science College
(Autonomous) Rajkot.
(HEAD OF THE INSTITUTE)
(SIGNATURE & STAMP)

(PROJECT INVESTIGATOR)
SIGNATURE & STAMP

(To be counter signed by the DBT Officer in-charge)





Shri Manibhai Virani and Smt. Navalben Virani Science College
An Autonomous college affiliated to Saurashtra University, Rajkot

NAAC - Cycle-3

Criterion- III

DVV
Metric – 3.2.1,
3.2.2, 3.2.4

Annexure E

Statement of Expenditure referred to in para 9 of the Utilisation Certificate

Showing grants received from the Department of Biotechnology and the Expenditure incurred during the period from 1st April 2016 to 31st March 2017.

Item	Unspent balance carried forward from previous year	Grants received from DBT during the year	Other receipts/ interest earned, if any, on the DBT grants	Total of Column (2+3+4)	Expenditure (excluding commitments incurred during the Year)	(Rs. in lakh)	
						Balance (5-6)	Remarks
1.	2.	3.	4.	5.	6.	7.	8.
1 Non-Recurring							
i) Equipments	NIL	20,40,800/-	NIL	20,40,800/-	NIL	20,40,800/-	
2 Recurring							
i) Manpower	NIL	3,60,000/-	NIL	3,60,000/-	90,000/-	2,70,000/-	
ii) Consumable	NIL	2,00,000/-	NIL	2,00,000/-	47,818/-	1,52,182/-	
iii) Travel	NIL	25,000/-	NIL	25,000/-	5114/-	19,886/-	
iv) Contingency	NIL	10,000/-	NIL	10,000/-	NIL	10,000/-	
v) Overhead (If applicable)	NIL	50,000/-	NIL	50,000/-	NIL	50,000/-	
vi) (Interest Earned)	NIL	44,980/-	NIL	44,980/-	NIL	44,980/-	
Total	NIL	27,30,780/-	NIL	27,30,780/-	1,42,932/-	25,87,848/-	

Harish
(PROJECT INVESTIGATOR)
SIGNATURE

Harish



Harish
Shri Manibhai Virani and
Smt. Navalben Virani Science College
(Autonomous) Rajkot.
HEAD OF THE INSTITUTE
SIGNATURE & STAMP

Deves
(FINANCE OFFICER)
SIGNATURE & STAMP



Shri Manibhai Virani and Smt. Navalben Virani Science College
An Autonomous college affiliated to Saurashtra University, Rajkot

NAAC - Cycle-3

Criterion- III

DVV
Metric – 3.2.1,
3.2.2, 3.2.4

Statement of expenditure for the year of 2016-2017

Major Research Project of Department of Biotechnology, Government of India

Sr. No.	Head	Amount of expenditure in Rs.	Particulars		
1	Manpower	90,000/-	3 months of salary of SRF w.e.f. January to March 2017 @ 30,000/- pm.		
2	Consumables	47,818/-	Expenditure for chemicals, glassware and plasticware are as follows		
			Amount in Rs.	Party name	Bill No. and Date
			16,428/-	Shri Hari Krishna Enterprise	AST-B- 565 (28/03/2017) AST-B-548 (24/03/2017)
			14,454/-	Kanani Distributor	R/623(20/03/2017)
			5,271/-	Vrajchem	4211(27/01/2017)
			9,003/-	Shri Hari Krishna Enterprise	AST-B- 413 (19/01/2017) AST-B-397 (28/01/2017)
2,662/-	B.Hiten & Co.	517(15/02/2017) 542(22/02/2017)			
3	Travel	5,114/-	Amount in Rs.	Particulars	
			2,470/-	TA & DA paid to SRF for visit to Kandala port and Navalakhi port for the collection of samples	
			2,644/-	Paid to taxi driver	
4	Total Rs. Of expenditure	1,42,932/-	Total grant utilized for the year of 2016-2017		

(Handwritten Signature)
(Project Investigator)

Signature



(Handwritten Signature)



Shri Manibhai Virani and Smt. Navalben Virani Science College
An Autonomous college affiliated to Saurashtra University, Rajkot

NAAC - Cycle-3

Criterion- III

DVV
Metric – 3.2.1,
3.2.2, 3.2.4

FORM GFR 19

UC ID: 18181824

FORM GFR 19-A

[See Rule 212(1)]

Form of Utilization Certificate

Sl. No.	Sanction Number	Sanction Date	Amount (Rs.)
1	BT/PR10861/AAQ/03/670/2014	05-09-2016	645000.00

Certified that Out Of Rs. 645000.00 Grants-in-aid Sanctioned during the year 2016-2017 in Favour Of **Shree Manibhai Virani & Smt. Navalben Virani Science College** under this Ministry/Department Letter No. given in the margin and Rs.0.00 on account of unspent balance of the previous year. a sum of Rs. 142932.00 has been utilized for the purpose of for which it was sanctioned and that the balance of Rs ~~512870.0300~~ remaining unutilized at the end of year ~~has been surrendered to Government (vide No. dated 05/09/2016-)~~ will be adjusted towards the grants-in-aid payable during the next year 2017-2018 Interest earned is 10802.03 and Additional expenditure of Rs 0.00 has been incurred from internal resources and will be adjusted against next release.

2. Certified that I have satisfied myself that the condition on which the grants-in-aid was sanctioned have been duly fulfilled/are being fulfilled and that I have exercised the following checks to see that the money was actually utilised for the purpose for which it was sanctioned.

Kinds Of checks exercised

Signature.....*[Signature]*
Designation.....*PRINCIPAL*.....

Date.....*12/12/2017*.....



Shri Manibhai Virani and Smt. Navalben Virani Science College
An Autonomous college affiliated to Saurashtra University, Rajkot

NAAC - Cycle-3

Criterion- III

DVV
Metric – 3.2.1,
3.2.2, 3.2.4

FORM GFR 19

UC ID: 18181823

FORM GFR 19-A
[See Rule 212(1)]
Form of Utilization Certificate

Sl. No.	Sanction Number	Sanction Date	Amount (Rs)
1	BT/PR10861/AAQ/03/670/2014	05-09-2016	2040800.00

Certified that Out Of Rs. 2040800.00 Grants-in-aid Sanctioned during the year 2016-2017 in Favour Of **Shree Manibhai Virani & Smt. Navalben Virani Science College** under this Ministry/Department Letter No. given in the margin and Rs.0.00 on account of unspent balance of the previous year, a sum of Rs. 0.00 has been utilized for the purpose of for which it was sanctioned and that the balance of Rs **2074977:9700** remaining unutilized at the end of year has been surrendered to Government (vide No dated **05/09/2016**)/ will be adjusted towards the grants-in-aid payable during the next year **2017-2018** Interest earned is **0.00** and Additional expenditure of Rs **0.00** has been incurred from internal resources and will be adjusted against next release.

2. Certified that I have satisfied myself that the condition on which the grants-in-aid was sanctioned have been duly fulfilled/are being fulfilled and that I have exercised the following checks to see that the money was actually utilised for the purpose for which it was sanctioned.

Kinds Of checks exercised

Signature.....*[Handwritten Signature]*
Designation.....*PRINCIPAL*

Date.....*12/12/2017*.....



Shri Manibhai Virani and Smt. Navalben Virani Science College
An Autonomous college affiliated to Saurashtra University, Rajkot

NAAC - Cycle-3

Criterion- III

DVV
Metric – 3.2.1,
3.2.2, 3.2.4

Annexure - D

UTILIZATION CERTIFICATE

(For the financial year 1st April 2017 to 31st March 2018)
(Amount in Rs. In lakh)

1. Title of the Project/Scheme:	Production and characterization of Rhamnolipid biosurfactants from marine bacteria using agro and industrial waste[10861]
2. Name of the Organisation:	Shri. Manibhai Virani & Smt. Navalben Virani Science College
3. Principal Investigator:	Dr. Neepa Pandhi
4. Department of Biotechnology sanction order No. & date of sanctioning the project :	i) Amount Rs. 37,64,000/- ii) letter No. BT/PR10861/AAQ/3/670/2014 iii) date 3/3/2016
5. Amount brought forward from the previous financial year quoting DBT letter No. & date in which the authority to carry forward the said amount was given:	NIL
6. Amount received from DBT during the financial year (Please give No. & dates of sanction orders showing the amounts paid):	Rs. 6,45,000/- Wide Order No. 1. (102/IFD/SAN/2321/2016 2017)(05/09/2016) Rs. 20,40,800/- Wide order No. 2.(102/IFD/SAN/2322/2016-2017) (05/09/2016)
7. Other receipts/Interest earned, if any, on the DBT grants:	Rs. 1,33,440/-
8. Total amount that was available for expenditure during the financial year (S. No. 5,6 and 7):	Rs. 26,76,308/-
9. Actual expenditure (excluding commitments incurred during the financial year) (statement of expenditure is enclosed):	Rs. 15,99,296/-
10. Unspent balance refunded, if any (Please give details of cheque No. etc.):	NIL
11. Balance amount available at the end of the financial year :	Rs. 10,77,012/-
12. Amount allowed to be carried forward to the next financial year vide letter no. & date:	-

Certified that the amount of Rs. 1,42,932/- of grants - in -aid mentioned against col. 9 has been utilized on the project/scheme for the purpose for which it was sanctioned and that the balance of Rs. 25,87,848/- remaining unutilized at the end of the year will be adjusted towards the grants-in-aid payable during the next year.

2. Certified that I have satisfied myself that the conditions on which the grants-in-aid was sanctioned have been duly fulfilled/are being fulfilled and that I have exercised the following checks to see that the money was actually utilised for the purpose for which it was sanctioned.

Kinds of checks exercised:

- 1.
- 2.
- 3.
- 4.
- 5.


(PROJECT INVESTIGATOR)
SIGNATURE




(HEAD OF THE INSTITUTE)
(SIGNATURE & STAMP)

(To be counter signed by the Project Officer in-charge)

Shree Manibhai Virani And
Smt. Navalben Virani Science College
(Autonomous) Rajkot.




(FINANCE OFFICER)
SIGNATURE & STAMP

ACCOUNTANT



Shri Manibhai Virani and Smt. Navalben Virani Science College
An Autonomous college affiliated to Saurashtra University, Rajkot

NAAC - Cycle-3

Criterion- III

**DVV
Metric – 3.2.1,
3.2.2, 3.2.4**

Annexure E

Statement of Expenditure referred to in para 9 of the Utilisation Certificate

Showing grants received from the Department of Biotechnology and the Expenditure incurred during the period from **1st April 2017 to 31st March 2018.**

Item	Unspent balance carried forward from previous year	Grants received from DBT during the year	Other receipts/ interest earned, if any, on the DBT grants	Total of Column (2+3+4)	Expenditure (excluding commitments incurred during the Year)	Balance (5-6)	Remarks
1.	2.	3.	4.	5.	6.	7.	8.
1. Non-Recurring							
i) Equipments	20,40,800/-	NIL	NIL	20,40,800/-	12,00,000/-	8,40,800/-	
2. Recurring							
i) Manpower	2,70,000/-	NIL	NIL	2,70,000/-	3,60,000/-	-90,000/-	Balance is in negative
ii) Consumable	1,52,182/-	NIL	NIL	1,52,182/-	39,296/-	1,12,886/-	
iii) Travel	19,886/-	NIL	NIL	19,886/-	NIL	19,886/-	
iv) Contingency	10,000/-	NIL	NIL	10,000/-	NIL	10,000/-	
v) Overhead (If applicable)	50,000/-	NIL	NIL	50,000/-	NIL	50,000/-	
Vi (Interest Earned)	44,980/-	NIL	88,460/-	1,33,440	NIL	1,33,440/-	
Total	25,87,848/-	NIL	88,460/-	26,76,308/-	15,99,296/-	10,77,012/-	

[Signature]
(PROJECT INVESTIGATOR)
SIGNATURE

[Signature]
(FINANCE OFFICER)
SIGNATURE & STAMP
ACCOUNTANT



[Signature]
**HEAD OF THE INSTITUTE
SIGNATURE & STAMP
IIC Principal
Shree Manibhai Virani And
Smt. Navalben Virani Science College
(Autonomous) Rajkot.**



Shri Manibhai Virani and Smt. Navalben Virani Science College
An Autonomous college affiliated to Saurashtra University, Rajkot

NAAC - Cycle-3

Criterion- III

DVV
Metric – 3.2.1,
3.2.2, 3.2.4

Annexure - D

UTILIZATION CERTIFICATE

(For the financial year 1st April 2016 to 31st March 2017)
(Amount in Rs. in lakh)

1. Title of the Project/Scheme:	Production and characterization of Rhamnolipid biosurfactants from marine bacteria using agro and industrial waste[10861]
2. Name of the Organisation:	Shri. Manibhai Virani & Smt. Navalben Virani Science College
3. Principal Investigator:	Dr. Neepa Pandhi
4. Department of Biotechnology sanction order No. & date of sanctioning the project :	i) Amount Rs. 37,64,000/- ii) letter No. BT/PR10861/AAQ/3/670/2014 iii) date 3/3/2016
5. Amount brought forward from the previous financial year quoting DBT letter No. & date in which the authority to carry forward the said amount was given:	NIL
6. Amount received from DBT during the financial year (Please give No. & dates of sanction orders showing the amounts paid):	Rs. 6,45,000/- Wide Order No. 1. (102/IFD/SAN/2321/2016-2017)(05/09/2016) Rs. 20,40,800/- Wide order No. 2.(102/IFD/SAN/2322/2016-2017) (05/09/2016)
7. Other receipts/interest earned, if any, on the DBT grants:	Rs. 1,83,494/-
8. Total amount that was available for expenditure during the financial year (S. No. 5,6 and 7):	Rs. 11,27,066/-
9. Actual expenditure (excluding commitments incurred during the financial year) (statement of expenditure is enclosed):	Rs. 4,32,804/-
10. Unspent balance refunded, if any (Please give details of cheque No. etc.):	NIL
11. Balance amount available at the end of the financial year :	Rs. 6,94,262/-
12. Amount allowed to be carried forward to the next financial year vide letter no. & date:	-

Certified that the amount of Rs. 4,32,804/- of grants - in -aid mentioned against col. 9 has been utilized on the project/scheme for the purpose for which it was sanctioned and that the balance of Rs. 6,94,262/- remaining unutilized at the end of the year will be adjusted towards the grants-in-aid payable during the next year.

2. Certified that I have satisfied myself that the conditions on which the grants-in-aid was sanctioned have been duly fulfilled/are being fulfilled and that I have exercised the following checks to see that the money was actually utilised for the purpose for which it was sanctioned.

Kinds of checks exercised:

- 1.
- 2.
- 3.
- 4.
- 5.


(PROJECT INVESTIGATOR)
SIGNATURE




(HEAD OF THE INSTITUTE)
(SIGNATURE & STAMP)
I/C Principal

Shree Manibhai Virani And
Smt. Navalben Virani Science College
(Autonomous) Rajkot.


(FINANCE OFFICER)
SIGNATURE & STAMP
Accountant

Counter signed by the DBT Officer in-charge)



Shri Manibhai Virani and Smt. Navalben Virani Science College
An Autonomous college affiliated to Saurashtra University, Rajkot

NAAC - Cycle-3

Criterion- III

**DVV
Metric – 3.2.1,
3.2.2, 3.2.4**

Annexure E

Statement of Expenditure referred to in para 9 of the Utilisation Certificate

Showing grants received from the Department of Biotechnology and the Expenditure incurred during the period from **1st April 2018 to 31st March 2019.**

Item	Unspent balance carried forward from previous year	Grants received from DBT during the year	Other receipts/ interest earned, if any, on the DBT grants	Total of Column (2+3+4)	Expenditure (excluding commitments incurred during the Year)	Balance (5-6)	Remarks
1.	2.	3.	4.	5.	6.	7.	8.
1. Non-Recurring							
i) Equipments	8,40,800/-	NIL	NIL	8,40,800/-	NIL	8,40,800/-	
2. Recurring							
i) Manpower	-90,000/-	NIL	NIL	-90,000/-	3,51,600/-	- 4,41,600/-	Balance is in negative
ii) Consumable	1,12,886/-	NIL	NIL	1,12,886/-	79,404/-	33,482/-	
iii) Travel	19,886/-	NIL	NIL	19,886/-	NIL	19,886/-	
iv) Contingency	10,000/-	NIL	NIL	10,000/-	1800/-	8,200/-	
v) Overhead (If applicable)	50,000/-	NIL	NIL	50,000/-	NIL	50,000/-	
vi) Interest Earned	1,33,440/-	NIL	50,054/-	1,83,494/-	NIL	1,83,494/-	
Total	10,77,012/-	NIL	50,054/-	11,27,066/-	4,32,804/-	6,94,262/-	

[Signature]
(PROJECT INVESTIGATOR)
SIGNATURE

[Signature]
(FINANCE OFFICER)
Accountant
SIGNATURE & STAMP



[Signature]
HEAD OF THE INSTITUTE
SIGNATURE & STAMP
IC Principal
Shree Manibhai Virani And
Smt. Navalben Virani Science College
(Autonomous) Rajkot.

Manpower Details

(Research Staff work in the DBT funded project)

- Name of the Sanctioning Authority: **Department of Microbiology, Ministry of science and technology, Government Of India**
- Name of the Grantee Institution: **Shree Manibhai Virani & Smt. Navalben Virani Science College, Rajkot**
- No. & Date of Sanctioned grant: **Wide Order No. BT/PR10861/AAQ/3/670/2014**
- Amount of the sanctioned grant: **(1) Rs. 6,45,000/- (2) Rs. 20,40,800/-**
- Title of the Project: **Production and characterization of Rhannolipid biosurfactants from marine bacteria using agro and Industrial waste.**
- particulars of Manpower working in the project.

Due and Drawn Statement

Sr.No.	Manpower JRF/SRF/RA-II/RAIII/Any other	Educational Qualification of the Research staff (Enclose the bio-data)	Date of Joining	Old Stipend + HRA	Revised + HRA	Difference	Remarks, if any
1	SRF	MSC, PhD continue and ICAR NET qualified	01/01/2017		25,000/- pm + 20% HRA		Have experience of three years of research in GSBTM project

[Signature]
(PROJECT INVESTIGATOR)
SIGNATURE

[Signature]
(HEAD OF THE INSTITUTE)
SIGNATURE & STAMP
IC Principal
Shree Manibhai Virani And
Smt. Navalben Virani Science College
(Autonomous) Rajkot.

[Signature]
(FINANCE OFFICER)
Accountant
SIGNATURE & STAMP

(To be counter signed by the DBT Officer in-charge)



Shri Manibhai Virani and Smt. Navalben Virani Science College
An Autonomous college affiliated to Saurashtra University, Rajkot

NAAC - Cycle-3

Criterion- III

DVV
Metric – 3.2.1,
3.2.2, 3.2.4

Annexure - D

UTILIZATION CERTIFICATE

(For the financial year 1st April 2019 to 5th September 2019)
(Amount in Rs. in lakh)

1. Title of the Project/Scheme:	Production and characterization of Rhamnolipid biosurfactants from marine bacteria using agro and industrial waste[10861]
2. Name of the Organisation:	Shri. Manibhai Virani & Smt. Navalben Virani Science College
3. Principal Investigator:	Dr. Neepa Pandhi
4. Department of Biotechnology sanction order No. & date of sanctioning the project :	i) Amount Rs. 37,64,000/- ii) letter No. BT/PR10861/AAQ/3/670/2014 iii) date 3/3/2016
5. Amount brought forward from the previous financial year quoting DBT letter No. & date in which the authority to carry forward the said amount was given:	NIL
6. Amount received from DBT during the financial year (Please give No. & dates of sanction orders showing the amounts paid):	Rs. 6,45,000/- Wide Order No. 1. (102/IFD/SAN/2321/2016 2017)(05/09/2016) Rs. 20,40,800/- Wide order No. 2.(102/IFD/SAN/2322/2016-2017) (05/09/2016)
7. Other receipts/interest earned, if any, on the DBT grants:	Rs. 19,402/-
8. Total amount that was available for expenditure during the financial year (S. No. 5,6 and 7):	Rs. 7,13,664/-
9. Actual expenditure (excluding commitments incurred during the financial year) (statement of expenditure is enclosed):	Rs. 2,01,600/-
10. Unspent balance refunded, if any (Please give details of cheque No. etc.):	NIL
11. Balance amount available at the end of the financial year :	Rs. 5,12,064/-
12. Amount allowed to be carried forward to the next financial year vide letter no. & date:	-

Certified that the amount of Rs. **4,32,804/-** of grants - in -aid mentioned against col. 9 has been utilized on the project/scheme for the purpose for which it was sanctioned and that the balance of Rs. **6,94,262/-** remaining unutilized at the end of the year will be adjusted towards the grants-in-aid payable during the next year.

2. Certified that I have satisfied myself that the conditions on which the grants-in-aid was sanctioned have been duly fulfilled/are being fulfilled and that I have exercised the following checks to see that the money was actually utilised for the purpose for which it was sanctioned.

Kinds of checks exercised:

- 1.
- 2.
- 3.
- 4.
- 5.


(PROJECT INVESTIGATOR)
SIGNATURE


(HEAD OF THE INSTITUTE)
(SIGNATURE & STAMP)

Shri Manibhai Virani and
Smt. Navalben Virani Science College
(Autonomous) Rajkot
(To be counter signed by the DBT Officer in-charge)


(FINANCE OFFICER)
SIGNATURE & STAMP



Shri Manibhai Virani and Smt. Navalben Virani Science College
An Autonomous college affiliated to Saurashtra University, Rajkot

NAAC - Cycle-3

Criterion- III

DVV
Metric – 3.2.1,
3.2.2, 3.2.4

Annexure E

Statement of Expenditure referred to in para 9 of the Utilisation Certificate

Showing grants received from the Department of Biotechnology and the Expenditure incurred during the period from **1st April 2019 to 5th September 2019.**

Item	Unspent balance carried forward from previous year	Grants received from DBT during the year	Other receipts/ interest earned, if any, on the DBT grants	Total of Column (2+3+4)	Expenditure (excluding commitments incurred during the Year)	Balance (5-6)	(Rs. in lakh) Remarks
1.	2.	3.	4.	5.	6.	7.	8.
1. Non-Recurring							
i) Equipments	8,40,800/-	NIL	NIL	8,40,800/-	NIL	8,40,800/-	
2. Recurring							
i) Manpower	- 4,41,600/-	NIL	NIL	-4,41,600	2,01,600	- 6,43,200/-	
ii) Consumable	33,482/-	NIL	NIL	33,482/-	NIL	33,482/-	
iii) Travel	19,886/-	NIL	NIL	19,886/-	NIL	19,886/-	
iv) Contingency	8,200/-	NIL	NIL	8,200/-	NIL	8,200/-	
v) Overhead (If applicable)	50,000/-	NIL	NIL	50,000/-	NIL	50,000/-	
vi (Interest Eaned)	1,83,494/-	NIL	19,402/-	2,02,896/-	NIL	2,02,896/-	
Total	6,94,262/-	NIL	19,402/-	7,13,664/-	2,01,600/-	5,12,064/-	

Handh
(PROJECT INVESTIGATOR)
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(FINANCE OFFICER)
SIGNATURE & STAMP

Karek
HEAD OF THE INSTITUTE
SIGNATURE & STAMP
Shri Manibhai Virani and
Smt. Navalben Virani Science College
(Autonomous) Rajkot.

Manpower Details

(Research Staff work in the DBT funded project)

- Name of the Sanctioning Authority: **Department of Microbiology, Ministry of science and technology, Government Of India**
- Name of the Grantee Institution: **Shree Manibhai Virani & Smt. Navalben Virani Science College, Rajkot**
- No. & Date of Sanctioned grant: **Wide Order No. BT/PR10861/AAQ/3/670/2014**
- Amount of the sanctioned grant: **(1) Rs. 6,45,000/- (2) Rs. 20,40,800/-**
- Title of the Project: **Production and characterization of Rhamnolipid biosurfactants from marine bacteria using agro and Industrial waste.**
- particulars of Manpower working in the project

Due and Drawn Statement

Sr.No.	Manpower JRF/SRF/RA-II/RAIII/Any other	Educational Qualification of the Research staff (Enclose the bio-data)	Date of Joining	Old Stipend + HRA	Revised + HRA	Difference	Remarks, if any
1	SRF	MSc, PhD continue and ICAR NET qualified	01/01/2017		25,000/- pm + 20% HRA		Have experience of three years of research in GSBTM project

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(PROJECT INVESTIGATOR)
SIGNATURE

Karek
(HEAD OF THE INSTITUTE)
SIGNATURE & STAMP
Shri Manibhai Virani and
Smt. Navalben Virani Science College
(Autonomous) Rajkot.

Devesh
(FINANCE OFFICER)
SIGNATURE & STAMP

(To be counter signed by the DBT Officer in-charge)



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NAAC - Cycle-3

Criterion- III

DVV
Metric – 3.2.1,
3.2.2, 3.2.4

**FINAL STATEMENT OF EXPENDITURE
(PROJECT COMPLETION FORMAT)
(ONLY FOR FINAL SETTLEMENT OF ACCOUNTS)**

File No. BT/PR10861/AAQ/03/670/2014

Date of Sanction: 5/9/2016

Name of the project: **Production and characterization of Rhamnolipid biosurfactants from marine bacteria using agro and industrial waste**

Duration: 3 years

Item	Sanctioned Outlay	RELEASE BY DBT							All figures in Lakh EXPENDITURE (FINANCIAL YEAR WISE)					
		1 st	2 nd	3 rd	4 th	5 th	6 th	Total	1 st	2 nd	3 rd	4 th	5 th	Total
Date of Release	5 th sept, 2016													
Non-Recurring	20.408/-							20.408/-	NIL	12/-	NIL	NIL		12/-
Manpower	3.6/-							3.6/-	0.9/-	3.6/-	3.5/-	2.016/-		10.016/-
Consumables	2.0/-							2.0/-	0.5/-	0.4/-	0.8/-	NIL		1.7/-
Contingency	0.1/-							0.1/-	NIL	NIL	0.018/-	NIL		0.018/-
Travel	0.25/-							0.25/-	0.05/-	NIL	NIL	NIL		0.05/-
Overhead	0.5/-							0.5/-	NIL	NIL	NIL	NIL		NIL
TOTAL	27.3078/-							27.3078/-	1.43/-	16/-	4.33/-	2.016/-		23.784/-

TOTAL INTEREST EARNED=Up to September 2020 = 2.22392

Details of expenditure incurred on manpower
(Details should be given separately for each position)

- Post Sanctioned (Provide details of each post in similar following fashion)
- Date of Appointment and Date of Relieving – 1st January 2017 to 5th September 2019
- *Monthly Stipend, HRA etc. paid
- Year wise total payment made

I Financial Year	II Financial Year	III Financial Year	IV Financial Year	Total
0.9/-	3.6/-	3.5/-	2.016/-	10.016/-
Grand Total:				10.016/-

*Please indicate if there was any deviation as against the DBT sanction, and reason thereof - NA

UC/SOE
YEAR RECD./NOT RECD. REMARKS

SANCTIONED COST		ACTUAL COST	BALANCE
EQUIPMENT PROCURED WITHOUT SANCTION	ITEM: BIOREACTOR 11.4 LAKHS	COST 12 LAKHS	AMOUNT OF BE REIMBURSED 60,000/-

TOTAL AMOUNT RETURNED: Unspent amount = 3, 54, 148/-

Interest earned = 2, 22, 392/- (up to September 2020)

TOTAL = 5, 76, 540/- (By DD)

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Handwritten Signature
SIGNATURE OF HEAD OF INSTITUTE
(Dr. K. D. Ladva)
Principal
Shri Manibhai Virani and
Smt. Navalben Virani Science
College - Rajkot

Handwritten Signature
SIGNATURE OF FINANCE OFFICER
/CHARTERED ACCOUNTANT



Shri Manibhai Virani and Smt. Navalben Virani Science College
An Autonomous college affiliated to Saurashtra University, Rajkot

NAAC - Cycle-3

Criterion- III

DVV
Metric – 3.2.1,
3.2.2, 3.2.4



SARVODAY KELA VANI SAMAJ MANAGED

Shree Manibhai Virani & Smt. Navalben Virani Science College

An AUTONOMOUS COLLEGE

- Re-accredited at the 'A' Level (CGPA 3.28) by NAAC
- 'STAR College Department' Status by MST-DBT
- A College with Potential for Excellence - CPE (Phase - II) by UGC
- Accredited at the G-AAA 'A-1' Level by KCG, Govt. of Gujarat

Summary

Title of the Project: Evaluation of different elicitors for bio-priming of in vitro grown banana plantlets against fungal and bacterial pathogens

Principal Investigator: Dr. Anil Kumar Singh

Amount Sanctioned: Rs. 12,76,920.00

Project Tenure: 04-08-14 to 02-05-18

S. N.	Details of Correspondence	Date
1	Sanction Letter from GSBTM, Ref. No. GSBTM/MD/PROJECTS/SSA/1400/2014-15, Dt. 07-11-2014	3 rd June, 2014
2	Grant Details Letter from GSBTM, Ref. No. GSBTM/MD/PROJECTS/SSA/2492/2014-15, Dt. 07-11-2014	7 th November 2014
3	Details of Grant available for 2016-2017 (Rs. 4,46,760.00) i.e. 30-12-2016 and Utilization Certificate for year 2016-2017	21 st June 2017
4	Project Overhead grant Rs. 35,565.00 received from GSBTM	21 st December 2017
5	Details of Grant available for 2017-2018 (Rs. 3,45,291.00) with Utilization Certificate for year 2017-2018	12 th July 2018

Anil Kumar Singh
CO-PI



Anil Kumar Singh
Principal
Shri Manibhai Virani and
Smt. Navalben Virani Science College
(Autonomous) Rajkot.

ATMIYA Group of Institutions, Yogidham Gurukul, Kalawad Road, Rajkot - 360 005, (GUJARAT) INDIA.
Ph.: +91 - 281 - 256268 | Fax : +91 - 281 - 2563952 E-mail : admin@vsc.edu.in Website : www.vsc.edu.in



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NAAC - Cycle-3

Criterion- III

DVV
Metric – 3.2.1,
3.2.2, 3.2.4



Akshay Kumar Saxena, I.F.S.
Mission Director



GSBTM/MD/PROJECTS/SSA/1400/2014-15
3rd June 2014

To,
Dr. Anil Kumar Singh,
Assistant Professor
Department of Biotechnology,
Yogidham Gurukul, Kalawad Road, Rajkot - 360 005

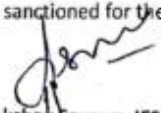
Subject:GSBTMFinancial Assistance Program[FAP-2014]

Please refer to the proposal submitted to this office seeking financial assistance, consequent to the initial assessment, followed by presentation before Technical Advisory Committee and recommendations made there in and subsequent approval by Executive Committee, Gujarat State Biotechnology Mission, Department of Science and Technology, Government of Gujarat is pleased to inform you that your project "Evaluation of different elicitors for bio-priming of in vitro grown banana plantlets against fungal and bacterial pathogens," has been sanctioned as a GSBTM R & D Support under Financial Assistance Program for a period of three years with financial assistance of Rs. 12,76,920/-.

The Budget sanctioned for the First year is Rs.4,15,080/-, out of which first installment of Rs. 2,07,540/- is hereby released. This office would like to bring to your notice that:

- For those whose equipments are more than Rs. 1,00,000/-, for them only part payment of the equipment's has been released, the remaining amount will be released only once the tender procedure is completed and the related documents have been submitted to this office.
- All the payments (e.g salary, procurements etc) should strictly be made by cheques only.
- It is mandatory that each Principal Investigator/Co-PI will be required to conduct atleast 3 dissertations every year free of cost under their guidance.
- It is mandatory for the PI to submit expenditure details online on FAP portal every month in the 3rd week of the month.
- Bio materials (varieties/ cell lines/ strains etc) procured/ cultured/ isolated should be submitted to BioGene for the purpose of banking as per the guidelines of BioGene, GSBTM, DST, GoG.
- PI/Co-PI should develop and submit a popular article related to their project highlighting the importance of their research project.
- PI/Co-PI will be required to send their project staff at GSBTM as and when required for training/activities. Activities and training schedule will be communicated by this office.

You are requested to send a letter of acceptance. The details of the financial assistance sanctioned for the project are attached as Annexure-I.


Akshay Saxena, IFS
Mission Director

GUJARAT STATE BIOTECHNOLOGY MISSION
Department of Science & Technology, Government of Gujarat
Block-11, 9th Floor, Udyog Bhavan, Gandhinagar-382017
Phone: 91-79-232 52197 Fax: 91-79-232-52195
Web Site: <http://btm.gujarat.gov.in>

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An Autonomous college affiliated to Saurashtra University, Rajkot

NAAC - Cycle-3

Criterion- III

DVV
Metric – 3.2.1,
3.2.2, 3.2.4




Akshay Kumar Saxena, I.F.S.
Mission Director


GSBTM
TRANSCRIPTING
BRIGHTER IS OUR FUTURE

GSBTM/MD/PROJECTS/SSA/2492/2014-15
7 November 2014

To,
Dr. Anil Kumar Singh,
Assistant Professor,
Department of Biotechnology,
Yogidham Gurukul, Kalawad Road,
Rajkot - 360 005

Subject: GSBTM Financial Assistance Program [FAP-2014]

This is with reference to your project entitled "Evaluation of different elicitors for bio-priming of in vitro grown banana plantlets against fungal and bacterial pathogens" sanctioned under FAP-2014. Please find below the details of the project:

Project Title:	Evaluation of different elicitors for bio-priming of in vitro grown banana plantlets against fungal and bacterial pathogens
Principal Investigator:	Dr. Anil Kumar Singh
Co-Principal Investigator:	Dr. Preetam Joshi
Amount Sanctioned:	Rs. 12,76,920/-


Akshay Saxena,
Mission Director

GUJARAT STATE BIOTECHNOLOGY MISSION
Department of Science & Technology, Government of Gujarat
Block-11, 9th Floor, Udyog Bhavan, Gandhinagar-382017
Phone: 91-79-232 52197 Fax: 91-79-232-52195
Web Site: <http://btm.gujarat.gov.in>



Shri Manibhai Virani and Smt. Navalben Virani Science College
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NAAC - Cycle-3

Criterion- III

DVV
Metric – 3.2.1,
3.2.2, 3.2.4

Project ID: 1101
Applicant Name: Dr. Anil Kumar Singh
Project Title: Evaluation of different elicitors for bio-priming of in vitro grown banana plantlets against fungal and bacterial pathogens

Budget Details

Non-Recurring (e.g. equipments, accessories, etc.)

Detail	Year I	Year I (First six months Release)
Instrument (RT-PCR)	0	0

Recurring (Manpower)

Detail	Year I	Year I (First six months Release)
Junior Research Fellow	172800	86400

Recurring (Consumables)

Detail	Year I	Year I (First six months Release)
Consumables (Glassware Chemicals etc)	150000	75000

Other Items (Travel)

Detail	Year I	Year I (First six months Release)
Travel (For conferences and project meets)	30000	15000

Other Items (Contingency)

Detail	Year I	Year II
Office Stationary	30000	15000

Total

Budget Summary	Year I	Year I (First six months Release)
Non-Recurring	0	0
Recurring (Manpower)	172800	86400
Recurring (Consumables)	150000	75000
Other Items (Travel)	30000	15000
Other Items (Contingency)	30000	15000
Overhead Charges (- 10% of the Recurring Expenditure (If applicable))	32280	16140
Total	415080	207540


Mission Director
S. B. T. M.

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Shri Manibhai Virani and Smt. Navalben Virani Science College
An Autonomous college affiliated to Saurashtra University, Rajkot

NAAC - Cycle-3

Criterion- III

DVV
Metric – 3.2.1,
3.2.2, 3.2.4

Assets acquired wholly or substantially out of GSBTM grants

Register to be maintained by Grantee Institution

APPENDIX-A

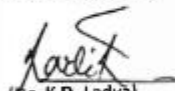
Name of the Sanctioning Authority: Gujarat State Biotechnology Mission, Gandhinagar

1. Sl. No. GSBTM/MD/PROJECTS/SSA/1400/2014-15
2. Name of Grantee Institution: Shree M & N Virani Science College, Rajkot
3. No. & Date of sanction order: Received mail of sanction on 30th December 2016.
4. Amount of the sanctioned grant: 12,76,820/-
5. Brief purpose of the grant : Financial support for research project
6. Whether any condition regarding the right of ownership of GSBTM in the property or other assets acquired out of the grant was incorporated in the grant –in-aid sanction order: No
7. Particulars of assets actually credited or acquired: Not applicable
8. Value of the assets as on: Not applicable
9. Purpose for which utilized at present: Not applicable
10. Encumbered or not: Not applicable
11. Reasons, if encumbered: Not applicable
12. Disposed of or not: Not applicable
13. Reasons and authority, if any, for disposal: Not applicable
14. Amount realized on disposal: Not applicable
15. Remarks: No

(PROJECT COORDINATOR)


(Dr. Anil Kumar Singh)

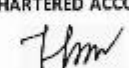
(HEAD OF INSTITUTE)


(Dr. K.D. Ladva)
UC Principal
Shree Manibhai Virani and
Smt. Navalben Virani Science College
(Autonomous) Rajkot.




(ACCOUNT OFFICER)

For, H.M VAKHARIYA & ASSOCIATES
CHARTERED ACCOUNTANTS


Hemant M Vakhariya
Proprietor
Membership No.112212
F.R.N. 122762W





**UTILISATION CERTIFICATE FOR
FINANCIAL YEAR – 2016-17**

APPENDIX-B

1. Title of the project/scheme: Project title: Evaluation of different elicitors for bio-priming of in vitro grown banana plantlets against fungal and bacterial pathogens. Scheme: Financial Assistance Program -2014
2. Name of the Organization: Shree M & N Virani Science College, Rajkot
3. Name of Principal Investigator: Dr. Anil Kumar Singh
4. GSBTM sanction order no. & date of sanctioning the project: Received mail of sanction on 30th December 2016.
5. Amount brought forward from the previous financial year Rs. 40,721/- quoting GSBTM letter No. & date in which the authority to carry forward the said amount was given : NIL
6. Amount received from GSBTM during the financial year (Please give No. and dates of sanction orders showing the amounts paid): Rs. 4,46,760/- Project ID: 1101. Received mail of sanction on 30th December 2016.
7. Other receipts/interest earned, if any, on the GSBTM grants: No
8. Total amount that was available for expenditure during the financial year (Sl. nos. 5, 6 and 7):Rs. 4,87,481
9. Actual expenditure (excluding commitments) incurred during the financial year (statement of expenditure is enclosed):Rs. 1,42,190/-
10. Unspent balance refunded, if any (Please give details of cheque No. etc.): No
11. Balance amount available at the end of the financial year:Rs. 3,45,291/-
12. Amount allowed to be carried forward to the next financial year vide letter No. & date: Nil

1. Certified that the amount of Rs. 1,42,190/- mentioned against col. 9 has been utilized on the project / scheme for the purpose for which it was sanctioned and that the balance of Rs. 3,45,291/- remaining unutilized at the end of the year has not been surrendered to Govt. (Vide No. NIL dated NIL)/ will be adjusted towards the grants-in-aid payable during the next year.
2. Certified that I have satisfied myself that the conditions on which the grants-in-aid was sanctioned have been duly fulfilled / are being fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.



Shri Manibhai Virani and Smt. Navalben Virani Science College
An Autonomous college affiliated to Saurashtra University, Rajkot

NAAC - Cycle-3

Criterion- III

DVV
Metric – 3.2.1,
3.2.2, 3.2.4

Kinds of checks exercised;

1. NIL
2. NIL
3. NIL
4. NIL
5. NIL

(PROJECT COORDINATOR)

(Dr. Anil Kumar Singh)

(ACCOUNT OFFICER)

(HEAD OF INSTITUTE)

(Dr. K.D. Ladva)

I/C Principal
Shri Manibhai Virani and
Navalben Virani Science College
(Autonomous) Rajkot.



For, H.M VAKHARIYA & ASSOCIATES
CHARTERED ACCOUNTANTS

Hemant M Vakhariya
Proprietor
Membership No.112212
F.R.N. 122762W





Statement of Expenditure referred to in para 9 of the
Utilization Certificate
APPENDIX-C

Showing grants received from the Gujarat State Biotechnology Mission and the expenditure incurred during the period from 1st October 2016 – 31st March 2017

(Rs. 4,87,481/-)

Item	Unspent balance Carried forward from previous year	Grants received from GSBTM during the year	Other receipts/ interest earned - if any, on the GSBTM grants	Total of Col. (2+3+4)	Expenditure (excluding) commitment(s) incurred during the year	Balance (5-6)	Remark
1	2	3	4	5	6	7	8
I. Non -Recurring							
Equipment	NIL	NIL	NIL	NIL	NIL	NIL	NIL
2. Recurring							
Human Resource	NIL	2,01,600	NA	201600	1,00,800	1,00,800	
Consumables	NIL	1,50,000	NA	1,50,000	NIL	1,50,000	
Travel	40,316	30,000	NA	70316	11,227	59089	
Contingency	NIL	30,000	NA	30,000	30,163	-163	Deducted from overhead
Overheads (if applicable)	405	35,160	NA	35,565	NIL	35,565	
Total	40,721	4,46,760		4,87,481	1,42,190	3,45,291	

NA: Not applicable



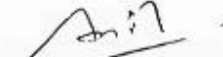
Shri Manibhai Virani and Smt. Navalben Virani Science College
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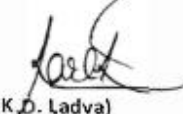
Criterion- III

DVV
Metric – 3.2.1,
3.2.2, 3.2.4

(PROJECT COORDINATOR)



(Dr. Anil Kumar Singh)

(HEAD OF INSTITUTE)



(Dr. K.D. Ladva)

JC Principal
Shree Manibhai Virani and
Smt. Navalben Virani Science College
(Autonomous) Rajkot.




(ACCOUNT OFFICER)

For, H.M VAKHARIYA & ASSOCIATES
CHARTERED ACCOUNTS


Hemant M Vakhariya
Proprietor
Membership No.112212
F.R.N. 122762W





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Criterion- III

DVV
Metric – 3.2.1,
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Assets acquired wholly or substantially out of GSBTM grants

Register to be maintained by Grantee Institution


APPENDIX-A

Name of the Sanctioning Authority: Gujarat State Biotechnology Mission, Gandhinagar


1. Sl. No. GSBTM/MD/PROJECTS/SSA/1400/2014-15
2. Name of Grantee Institution: Shree M & N Virani Science College, Rajkot
3. No. & Date of sanction order: Received mail of sanction on 30th December 2016.
4. Amount of the sanctioned grant: 12,76,920/-
5. Brief purpose of the grant : Financial support for research project
6. Whether any condition regarding the right of ownership of GSBTM in the property or other assets acquired out of the grant was incorporated in the grant –in-aid sanction order: No
7. Particulars of assets actually credited or acquired: Not applicable
8. Value of the assets as on: Not applicable
9. Purpose for which utilized at present: Not applicable
10. Encumbered or not: Not applicable
11. Reasons, if encumbered: Not applicable
12. Disposed of or not: Not applicable
13. Reasons and authority, if any, for disposal: Not applicable
14. Amount realized on disposal: Not applicable
15. Remarks: No

(PROJECT COORDINATOR)


Dr. Arjit Kumar Singh

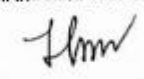

(ACCOUNT OFFICER)

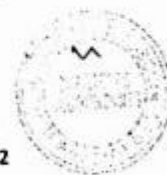
(HEAD OF INSTITUTE)


(Dr. K. D. Ladva)
I/C Principal
Shree Manibhai Virani and
Smt. Navalben Virani Science College
(Autonomous) Rajkot



For, H.M VAKHARIYA & ASSOCIATES
CHARTERED ACCOUNTS


Hemant M Vakhariya
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Shri Manibhai Virani and Smt. Navalben Virani Science College
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Criterion- III

DVV
Metric – 3.2.1,
3.2.2, 3.2.4

**UTILISATION CERTIFICATE FOR
FINANCIAL YEAR – 2017- 18**

APPENDIX-B

1. **Title of the project/scheme:** Project title: Evaluation of different elicitors for bio-priming of in vitro grown banana plantlets against fungal and bacterial pathogens. Scheme: Financial Assistance Program -2014
2. **Name of the Organization:** Shree M & N Virani Science College, Rajkot
3. **Name of Principal Investigator:** Dr. Anil Kumar Singh
4. **GSBTM sanction order no. & date of sanctioning the project:** Received mail of sanction on 30th December 2016.
5. **Amount brought forward from the previous financial year** Rs. 3,45,291/- **quoting GSBTM letter No. & date in which the authority to carry forward the said amount was given :** Nil
6. **Amount received from GSBTM during the financial year (Please give No. and dates of sanction orders showing the amounts paid):** Nil
7. **Other receipts/Interest earned, if any, on the GSBTM grants:** No
8. **Total amount that was available for expenditure during the financial year (Sl. nos. 5, 6 and 7):** Rs. 3, 45,291/-
9. **Actual expenditure (excluding commitments) incurred during the financial year (statement of expenditure is enclosed):** Rs. 1,38,399/-
10. **Unspent balance refunded, if any (Please give details of cheque No. etc.):** No
11. **Balance amount available at the end of the financial year:** 2,06,892
12. **Amount allowed to be carried forward to the next financial year vide letter No. & date:** Nil

1. Certified that the amount of Rs. 1,38,399/- mentioned against col. 9 has been utilized on the project / scheme for the purpose for which it was sanctioned and that the remaining total balance of Rs. 2,47,223 (Rs. 2,06,892 (unutilized balance) + Rs. 40,331 (interest earned during 3 years of project tenure) remaining unutilized at the end of the year is being surrendered to Gujarat State Biotechnology Mission (Vide cheque no 485903 (IOB), dated 21/06/2018).
2. Certified that I have satisfied myself that the conditions on which the grants-in-aid was sanctioned have been duly fulfilled / are being fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.



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Criterion- III

DVV
Metric – 3.2.1,
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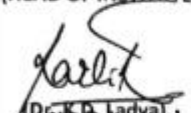
Kinds of checks exercised;

1. NIL
2. NIL
3. NIL
4. NIL
5. NIL


(PROJECT COORDINATOR)


(Dr. Anil Kumar Singh)

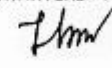
(HEAD OF INSTITUTE)


(Dr. K. B. Jadhav)
Principal
Shree Manibhai Virani and
Smt. Navalben Virani Science College
(Autonomous) Rajkot.




(ACCOUNT OFFICER)

For, H.M VAKHARIYA & ASSOCIATES
CHARTERED ACCOUNTANTS


Hemant M Vakhariya
Proprietor
Membership No.112212
F.R.N. 122762W





**Statement of Expenditure referred to in para 9 of the
Utilization Certificate
APPENDIX-C**

Showing grants received from the Gujarat State-Biotechnology Mission and the expenditure incurred during the period from 1st April 2017 – 31st December 2018

(Rs. 3, 45,291/-)

Item	Unspent balance Carried forward from previous year	Grants received from GSBTM during the year	Other receipts/ interest earned - if any, on the GSBTM grants	Total of Col. (2+3+4)	Expenditure (excluding commitments) incurred during the year	Balance (5-6)	Remark
1	2	3	4	5	6	7	8
1. Non -Recurring							
Equipment	NIL	NIL	NIL	NIL	NIL	NIL	NIL
2. Recurring							
Human Resource	1,00,800	NIL	NA	1,00,800	84,000	16,800	NIL
Consumables	1,50,000	NIL	NA	1,50,000	18,834	1,31,166	NIL
Travel	59,089	NIL	NA	59,089	NIL	59,089	NIL
Contingency	-163	NIL	NA	-163	NIL	-163	NIL
Overheads (if applicable)	35,565	NIL	NA	35,565	35,565	NIL	NIL
Total	3,45,291	NIL	NA	3,45,291	1,38,399	2,06,892	NIL

NA: Not applicable



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NAAC - Cycle-3

Criterion- III

DVV
Metric – 3.2.1,
3.2.2, 3.2.4

Interest received during project tenure (date: 04/08/14 – 02/05/18)

Date (on which interest was credited)	Amount (in Rs.)
04/08/14	642
01/02/15	3393
02/08/15	2451
05/02/16	6373
07/08/16	7103
02/02/17	5175
03/02/17	52
01/05/17	3990
02/08/17	3468
02/11/17	3057
05/02/18	2531
02/05/18	2096
Total	40331

*Refer to photocopy of bank statement for proof

- A. Total Balance at end of December 2018: Rs. 2,06,892
- B. Total interest received in 3 years: Rs. 40,331
- C. **Final Balance remaining and being refunded to Gujarat State Biotechnology Mission (A+B):Rs. 2,47,223 (Cheque no.: 485903 dated: 21/06/2018)**




Shri Manibhai Virani and Smt. Navalben Virani Science College
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(PROJECT COORDINATOR)


(Dr. Anil Kumar Singh)


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I/C Principal
**Shree Manibhai Virani and
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(Autonomous)



For, H.M VAKHARIYA & ASSOCIATES
CHARTERED ACCOUNTS


Hemant M Vakhariya
Proprietor
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Shri Manibhai Virani and Smt. Navalben Virani Science College
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NAAC - Cycle-3

Criterion- III

DVV
Metric – 3.2.1,
3.2.2, 3.2.4

Shri M. & N. Virani Science College (SF)

Ledger Report

Other Income

Period :01-Apr-2017 - 31-Mar-2021

Date	Voucher No	Narration	Bank Info	Debit	Credit	Running Balance
01-04-2017		Opening Balance				0.00 Cr
18-04-2017	2058P170418-3	Ms. Heena N. Jobanputra, Feb, 2017. Heena Narendra Jobanputra	170252	750.00		750.00 Dr
21-07-2017	2058R170721-2	Darshi M Dave (Testing) Yourself	000011		36,600.00	35850.00 Cr
21-09-2017	207BR170921-1	Received From Kamani Science College & Prataprai Arts College, Amreli, (FTIR Sample Analysis) Yourself	677370		300.00	36150.00 Cr
14-10-2017	207BR171014-1	Shree Siddhivinayak Enterprise, (Sponsor Ship), Siddhi Vinayak Enterprise	000836		25,000.00	61150.00 Cr
19-12-2017	207BR171219-1	Receive in NEFT Vroja yashvi Vipulbhai BCA-4 Yashvi Vipulbhai Vroja	417353253 2116		0.10	61150.10 Cr
21-12-2017	207BR171221-1	Received from:-GSBTM, (During Project Of Mr. Ankumar Singh, Over Head Exp. Yourself	485902		35,565.00	96715.10 Cr
29-12-2017	207BR171229-3	Kamani Science College & Pratap Arts College, Amreli, (Sample Testing). Kamani Science & Prataprai Arts College, Amreli	677371		2,660.00	99375.10 Cr
31-03-2018	JV180331-29	Transfer From Krishi Kalyan Cess.			3.00	99378.10 Cr
31-03-2018	JV180331-31	Transfer From Swachh Bharat Cess			3.00	99381.10 Cr
31-03-2018	JV180331-33	Transfer from Service Tax Payable.			3.00	99384.10 Cr
31-03-2018	JV180331-40	Transfer to day care exp.			13,582.00	112966.10 Cr
31-03-2018	JV180331-51	Transfer From Late Fees, Penalty Other income.			2,18,130.00	331096.10 Cr
31-03-2018	JV180331-53	Transfer From M & N Virani UGC			600.00	331696.10 Cr
02-01-2019	06R190102-2	cheque receive in Axis Bank -SOLANKI ASHA KANUBHAI Bvoc MI-6sem Asha Kanubhai Solanki	385724		100.00	331796.10 Cr
01-02-2019	207BR190201-1	Receive in online as per bank statement Id No-705582503			1.00	331797.10 Cr
Total / Closing Balance				850.00	3,64,434.10	331797.10 Cr



(Signature)
Shri Manibhai Virani and Smt. Navalben Virani



Shri Manibhai Virani and Smt. Navalben Virani Science College

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NAAC - Cycle-3

Criterion- III

DVV

**Metric – 3.2.1,
3.2.2, 3.2.4**