



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

Summary

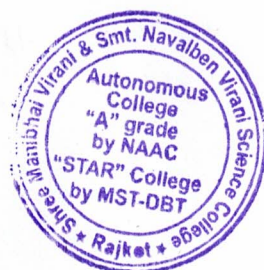
Title of the Project: Production and Characterization of Rhamnolipid Biosurfactants from Marine Bacteria using Agro and Industrial Waste

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



Shri M. & N. Virani Science College

 Principal


 Prin. Investigator
 (Major Project)

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. NEENA 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

SP. RI. SALLI. LMI. AREA <360000>
GSTIN No: APPLIEDT0360005
EQ975013890IM
Counter No:1, CP-Code:MPV
To: DR. SWHAJI LUDHIANI, ANNE,
LODI ROAD, PIN:110003
From: DR. NEEPA PANDHI, RAJNUT
Mts:114grams, 07/07/2017, 10:21
Amt:71.00
CGST @% 5.5, SGST @% 5.50
<<Track on www.indiapost.gov.in>>



SWAMI SHREEJI

WODAY KELAVANI SAMAJ MANAGED

Dr. Smt. Navalben Virani Science College

Recognized by NAAC

▪ 'STAR College Department' Status by MST-DBT

Approved 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
www.vsc.edu.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

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/IFD/SAN/2321/2016 2017)(05/09/2016) Rs. 20,40,800/- (Non-recurring Grant) 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. 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.

Neepa Pandhi
(PROJECT INVESTIGATOR)
SIGNATURE

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

Neepa Pandhi
ACCOUNTANT
SIGNATURE & STAMP



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

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	(Rs. in lakh)						Remarks
	1.	2.	3.	4.	5.	6.	
	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)	
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/-	

[Signature]
 (PROJECT INVESTIGATOR)
 SIGNATURE

[Signature]
 HEAD OF THE INSTITUTE
 SIGNATURE & STAMP

[Signature]
 DEPARTMENTAL
 OFFICER

Shree Mahatma Virani and
 Smt. Navabai Virani Science College
 (Autonomous) Rajkot.
 HEAD OF THE INSTITUTE
 SIGNATURE & STAMP

[Signature]
 (FINANCE OFFICER)
 SIGNATURE & STAMP



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		

(Signature)
(Project Investigator)

Signature

(Signature)



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.....

Designation.....*PRINCIPAL*.....

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

FORM GFR 19

UC ID: 18181823

FORM GFR 19-A

[See Rule 212(1)]

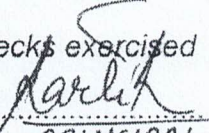
Form of Utilization Certificate

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..... 

Designation..... PRINCIPAL

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

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 Director in-charge)

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




(FINANCE OFFICER)
SIGNATURE & STAMP

ACCOUNTANT

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

I/C Principal
Shree Manibhai Virani And
Smt. Navalben Virani Science College
(Autonomous) Rajkot.

UTILIZATION CERTIFICATE
(For the financial year 1st April 2018 to 31st March 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. 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.

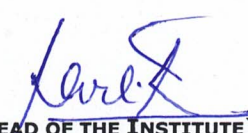
2. Certified that I have satisfied myself that the conditions on which the grants-in-aid was sanctioned have been duly fulfilled/are being fulfilled and that I have exercised the following checks to see that the money was actually utilised for the purpose for which it was sanctioned.

Kinds of checks exercised:

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


(PROJECT INVESTIGATOR)
SIGNATURE




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

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


(FINANCE OFFICER)
SIGNATURE & STAMP
Accountant

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



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



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

[Signature]

UTILIZATION CERTIFICATE

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

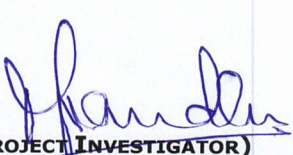
1.	Title of the Project/Scheme:	Production and characterization of Rhamnolipid biosurfactants from marine bacteria using agro and industrial waste[10861]
2.	Name of the Organisation:	Shri. Manibhai Virani & Smt. Navalben Virani Science College
3.	Principal Investigator:	Dr. Neepta Pandhi
4.	Department 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.


(FINANCE OFFICER)
SIGNATURE & STAMP

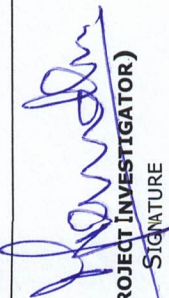
(To be counter signed by the DBT Officer in-charge)

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)	Remarks
	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 Earned)	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/-	


(PROJECT INVESTIGATOR)
 SIGNATURE


(FINANCE OFFICER)
 SIGNATURE & STAMP


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)

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


(PROJECT INVESTIGATOR)
SIGNATURE


(HEAD OF THE INSTITUTE)
(SIGNATURE & STAMP)
Principal

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


(FINANCE OFFICER)
SIGNATURE & STAMP

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

**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							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

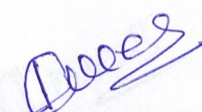
SANCTIONED COST		ACTUAL COST	BALANCE
EQUIPMENT			
EQUIPMENT PROCURED WITHOUT SANCTION	ITEM: BIOREACTOR	COST	AMOUNT OF BE REIMBURSED
	11.4 LAKHS	12 LAKHS	60,000/-

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

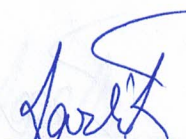
Interest earned = 2, 22, 392/- (up to September 2020)

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


SIGNATURE OF PI


SIGNATURE OF FINANCE OFFICER
/CHARTERED ACCOUNTANT




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