

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

Criteria 3

Research, Innovations and Extension

Metric 3.1.3	Percentage of teachers receiving national/ international fellowship/financial support by various agencies for advanced studies/ research during the last five years
3.1.3.1	The number of teachers who received national/ international fellowship/financial support by various agencies for advanced studies / research year wise during the last five years

Supporting Documents

1	E-copies of the Award Letters of the Teachers (Year : 2016-17)
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Faculty of Technology & Engineering

**Dr. Krishna Kanth Pulicherla**

Scientist – C
TDT Division
Room No. 19, Hall-D
Telephone No. 011-2659 0493
Mobile: 07291070520
E-mail: kkpulicherla.dst@gov.in

भारत सरकार
विज्ञान और प्रौद्योगिकी मंत्रालय,
विज्ञान और प्रौद्योगिकी विभाग,
टेक्नोलॉजी भवन, नया महरौली मार्ग,
नई दिल्ली-110 016

Telegram : Scienctech
दूरभाष/Tel : 26962819, 26567373,
26562134, 26562122 (EPBAX)
फैक्स/Fax : 26569908, 26864570,
26863847, 26862418
वेबसाइट/website : www.dst.gov.in

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY,
DEPARTMENT OF SCIENCE AND TECHNOLOGY,
TECHNOLOGY BHAVAN, NEW MEHRAULI ROAD,
NEW DELHI-110 016

DST/TSG/AMT/2015/332

19th October, 2016

Subject: **SMART Foundry 2020 (SMART=Sustainable Metal casting using Advanced Research and Technology).**

Dear Dr. Savithri,

Kindly refer to this Department's sanction letter, dated 17th August, 2016. The Department of Science & Technology has sanctioned the above mentioned project at a total cost of **Rs. 9,50,15,160/-** i.e. **Rs. 8,25,15,160/-** as the contribution of DST and **Rs. 1,25,00,000/-** as the contribution of five Industrial Collaborators viz. M/s Aha 3D Innovations Private Ltd, M/s 3D Foundry Tech Pvt. Ltd, M/s Marco Polo Products Pvt. Ltd, M/s Treelabs Foundations and M/s Atomberg Technologies Pvt. Ltd with contribution of **Rs. 25,00,000/-** each. The breakup of the total allocation has been indicated in the sanction order.

We are also in receipt of an Email from you dated 11th October, 2016 enclosing the coordination agreement signed by the PI institutions for the implementation of the above project. In accordance to the above agreement letter signed by all the participating institutions, the Department has noted the sharing of the funds allocated to all the four PIs of the project with their collaborating institutes for effective implementation of the project as per the details given under:

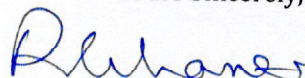
S. No.	Team Leader	Research Team & Institute	Fund allocated (in lakhs)
1	CSIR-NIIST, Thiruvananthapuram Dr. S. Savithri & Dr. Elizabeth Jacob	>	128.248
		Dr. Atul Sharma & Dr. ShyamKaragadde, IIT, Bombay	88.196
		Dr. MayurSutaria, CHARUSAT, Anand.	60.464
		Dr. Amit Sata BHG College of Engg & Tech., Rajkot	36.214
2.	CSIR-CMERI, Durgapur Dr. Nagahanumaiah	>	161.516
		Dr. Arati V. Mulay, College of Engg., Pune	52.464
		Dr. VasudevShinde, DKTE TEI, Ichalkaranji	83.964
3.	VNIT, Nagpur Dr. A.M. Kuthe	>	84.284
		Dr. J.V.L. Venkatesh, SGGS Inst., Nanded	50.232
4	Jadavpur University, Kolkata Dr. Goutam Sutradhar	>	79.5696
		TOTAL	825.1516

Rubane
19/10/16

It is requested that the Statement of Expenditure and the Utilization Certificates from all the participating institutions (to whom the fund is transferred) should be collected by above four PI's of the project and the consolidated Statement of Expenditure and the Utilization Certificates should be submitted to this Department at the end of each financial year by all the four PI's from NIIST-Trivandrum, CSIR-CMERI-Durgapur, VNIT-Nagpur and Jadavpur University separately.

With regards.

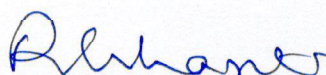
Yours Sincerely,


(Krishna Kanth Pulicherla) 19/10/16
Scientist-C

**Dr. S. Savithri,
Sr. Principal Scientist,
National Institute for Interdisciplinary Science & Technology (NIIST),
Pappanamcode Industrial Estate,
Thiruvananthapuram- 695 019,
Kerala.**

Copy to :

1. Dr. Nagahanumaiah, Sr. Principal Scientist & Head, Micro Systems Technology Laboratory, CSIR-Central Mechanical Engineering Research Institute (CMERI), M.G. Avenue, Durgapur- 713 209, West Bengal.
2. Dr. A.M. Kuthe, Professor and Head, Mechanical Engineering Department, Visvesvaraya National Institute of Technology (VNIT), Nagpur- 440 010, Maharashtra.
3. Dr. Goutam Sutradhar, Professor, Mechanical Engineering Department, Jadavpur University, Kolkata-700 032, West Bengal.


(Krishna Kanth Pulicherla) 19/10/16
Scientist-C

Faculty of Sciences

① Dr. Bhaskar
Borah

FILE NO. ECR/2016/000820
SCIENCE & ENGINEERING RESEARCH BOARD

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 20-Sep-2016

ORDER

Subject: Financial Sanction of the research project titled "Insilico identification of adsorbent material for complete separation of C5-C7 alkane isomers: An attempt towards upgradation of octane number of petrol/gasoline." under the guidance of Dr. Bhaskarjyoti Borah, physical sciences, Charotar University of Science & Technology, Changa, Post Changa, Petlad, Anand, Gujarat-388421 - Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of Rs. 3970000/- (Rs. Thirty Nine Lakh Seventy Thousand Only) with break-up of Rs. 2500000/- under Capital (Non-recurring) head and Rs. 1470000/- under General (Recurring) head for a duration of Three years. The items of expenditure for which the total allocation of Rs. 3970000/- has been approved are given below:

The following budget may be considered for Charotar University Of Science & Technology, Changa, Post Changa, Petlad

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Computer blade server	2500000
A'	Total (Non-Recurring)	2500000
B	Recurring Items	
1	Recurring - A : (Manpower, Consumables, Travel, Contingencies)	1110000
2	Recurring - B : (Overhead Charges)	360000
B'	Total (Recurring)	1470000
C	Total cost of the project (A' + B')	3970000

- Sanction of the SERB is also accorded to the payment of
 - Rs. 2500000/- (Rupees Twenty Five Lakh only) under 'Grants for creation of capital assets' and Rs. 490000/- (Rupees Four Lakh Ninety Thousand only) under 'Grants-in-aid General' to PROVOST, Charotar University Of Science & Technology, Changa, Post Changa, Petlad being the first installment of the grant for the year 2016-2017 for implementation of the said research project.
- The expenditure involved is debitable to Fund for Science & Engineering Research (FSER). This release is being made under Early Career Research Award. (EC Chemical Sciences)
- The Sanction has been issued to Charotar University Of Science & Technology, Changa, Post Changa, Petlad with the approval of the competent authority under delegated powers on 19 September, 2016 and vide Diary No. SERB/F/4197/2016-17 dated 20 September, 2016
- Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).
- Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.
- While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.
- As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.
- The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.
- The release amount of Rs. 2990000/- (Rupees Twenty Nine Lakh Ninety Thousand only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY
Account Number	30875081005
Bank Name & Branch	STATE BANK OF INDIA SBI CHARUSAT CAMPUS, STATE BANK OF INDIA, CHARUSAT CAMPUS, CHANGA, ANAND, GUJARAT 388421

2017-18

2018-19

2019-20

3.1.3

2016-17

IFSC/RTGS Code	SBIN0010961
Email id of A/C Holder	registrar@charusat.ac.in
Email id of PI	bhaskargreen@gmail.com

11. The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

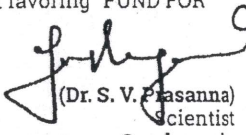
12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. ECR/2016/000820 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any, beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

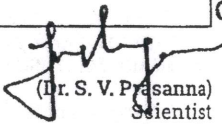
16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.


(Dr. S. V. Prasanna)
Scientist
prasanna@serb.gov.in

To,
Finance & Budget Officer
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	Dr. Bhaskarjyoti Borah physical sciences Charotar University of Science & Technology, Changa, Post Changa, Petlad, Anand, Gujarat-388421 Email: bhaskargreen@gmail.com Mobile: 918238074200 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in .)
5.	PROVOST, Charotar University Of Science & Technology, Changa, Post Changa, Petlad (Receipt of Grant may be intimated by name to the undersigned)


(Dr. S. V. Prasanna)
Scientist
prasanna@serb.gov.in

FILE NO. ECR/2016/000820
SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 22-May-2017

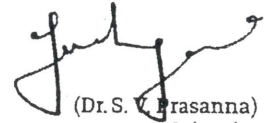
ORDER

Subject: Research project entitled "**Insilico identification of adsorbent material for complete separation of C5-C7 alkane isomers: An attempt towards upgradation of octane number of petrol/gasoline.**" under the guidance of Dr. Bhaskarjyoti Borah, physical sciences, Charotar University of Science & Technology, Changa, Post Changa, Petlad, Anand, Gujarat-388421.

1. This is in continuation of SERB's sanction order No. "ECR/2016/000820" dated "20 September, 2016 " of **Science and Engineering Research Board (SERB)**.
2. Sanction of the competent authority is hereby accorded to the payment of a sum of
 - **Rs. 450000/-** (Rupees Four Lakh Fifty Thousand only) under 'Grants-in-aid General' to **PROVOST, Charotar University Of Science & Technology, Changa, Post Changa, Petlad** being the 2nd grant for the financial year 2017-2018 for implementation of the above said project.
3. Sanction of the competent authority is also accorded to the carry forward of unspent balance of **Rs. 477231/-** (Rupees Four Lakh Seventy Seven Thousand Two Hundred and Thirty One only) (Recurring Rs. 402731 and Non-Recurring Rs. 74500) to Charotar University of Science & Technology, Changa, Post Changa, Petlad from FY 2016-2017 to FY 2017-2018 for the same purpose for which it was sanctioned
4. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in).
5. It is certified that provision of GFR 212 relating to Utilization Certificates (Ucs) for the funds released under the grant have been satisfied and the UC/s is/are enclosed herewith.
6. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)** **This release is being made under Early Career Research Award. (EC Chemical Sciences)**
7. The Sanction has been issued to Charotar University Of Science & Technology, Changa, Post Changa, Petlad with the approval of the competent authority under delegated powers on **12 May, 2017** and vide Diary No. **SERB/F/765/2017-18** dated **17 May, 2017**
8. The release amount of **Rs. 450000/-** (Rupees Four Lakh Fifty Thousand only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY
Account Number	30875081005
Bank Name & Branch	STATE BANK OF INDIA SBI CHARUSAT CAMPUS, STATE BANK OF INDIA, CHARUSAT CAMPUS, CHANGA, ANAND, GUJARAT 388421
IFSC/RTGS Code	SBIN0010961
Email id of A/C Holder	registrar@charusat.ac.in
Email id of PI	bhaskargreen@gmail.com

9. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.
10. As per rule 211 of GFR the accounts of Grantee Institution shall be open to inspection by the sanctioning authority / audit whenever the institute is called upon to do so.
11. The institute will furnish to the SERB, Utilization certificate(separate for Recurring & Non-Recurring) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.
12. After completion of the project unspent balance if any should be returned as Demand Draft drawn in favour of "Fund for Science and Engineering Research" payable at New Delhi.
13. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.
14. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

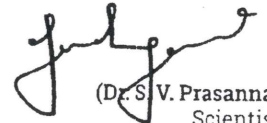


(Dr. S. V. Prasanna)
Scientist
prasanna@serb.gov.in

To,
Finance & Budget Officer
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	Dr. Bhaskarjyoti Borah physical sciences Charotar University of Science & Technology, Changa, Post Changa, Petlad, Anand, Gujarat-388421 Email: bhaskargreen@gmail.com Mobile: 918238074200
5.	PROVOST, Charotar University Of Science & Technology, Changa, Post Changa, Petlad



(Dr. S. V. Prasanna)
Scientist
prasanna@serb.gov.in

FILE NO. EMR/2016/003524

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 14-Mar-2017

ORDER

Subject: Financial Sanction of the research project titled "Construction of putative hydroxycitric acid (HCA) biosynthetic pathway in *Bacillus* and engineering *Escherichia coli* for HCA production by heterologous expression of artificial putative HCA biosynthetic operon" under the guidance of Dr. Aditi Deepak Buch, Department of Biological Sciences, Charotar University of Science & Technology, Changa, Post Changa, Petlad, Anand, Gujarat-388421 - Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of Rs. 4050000/- (Rs. Forty Lakh Fifty Thousand Only) with break-up of Rs. 1200000/- under Capital (Non-recurring) head and Rs. 2850000/- under General (Recurring) head for a duration of Three years. The items of expenditure for which the total allocation of Rs. 4050000/- has been approved are given below:

The following budget may be considered for Charotar University Of Science & Technology, Changa, Post Changa, Petlad

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Refrigerated centrifuge -> Laminar air flow -> PCR system (thermal cycler)	1200000
A'	Total (Non-Recurring)	1200000
B	Recurring Items	
1	Recurring - A : (Manpower, Consumables, Travel, Contingencies)	2490000
2	Recurring - B : (Overhead Charges)	360000
B'	Total (Recurring)	2850000
C	Total cost of the project (A' + B')	4050000

2. Sanction of the SERB is also accorded to the payment of

- Rs. 1200000/- (Rupees Twelve Lakh only) under 'Grants for creation of capital assets' and Rs. 100000/- (Rupees One Lakh only) under 'Grants-in-aid General' to Registrar, Charotar University Of Science & Technology, Changa, Post Changa, Petlad

being the first installment of the grant for the year 2016-2017 for implementation of the said research project.

3. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER)

This release is being made under Extra Mural Research Funding (Individual Centric). (PAC Biophysics, Biochemistry, Molecular Biology & Microbiology)

4. The Sanction has been issued to Charotar University Of Science & Technology, Changa, Post Changa, Petlad with the approval of the competent authority under delegated powers on 27 February, 2017 and vide Diary No. SERB/F/9061/2016-17 dated 06 March, 2017

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

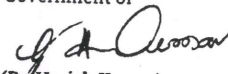
10. The release amount of Rs. 1300000/- (Rupees Thirteen Lakh only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY
Account Number	30875081005

3.1.3.
2016-17

Bank Name & Branch	STATE BANK OF INDIA STATE BANK OF INDIA, CHARUSAT CAMPUS, CHANGA-388 421
IFSC/RTGS Code	SBIN0010961
Email id of A/C Holder	devang.adm@charusat.ac.in
Email id of PI	aditibuch.biochem@charusat.ac.in

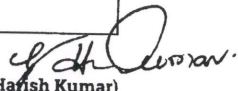
11. The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.
12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.
13. The project File no. EMR/2016/003524 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.
14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any, beyond the duration of the project
15. As this is the first grant being released for the project, no previous U/C is required.
16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.
17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.
18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.


(Dr. Harish Kumar)
Scientist E
ms_bb@serbonline.in

To,
Finance & Budget Officer
SERB, New Delhi

Copy forwarded for information and necessary action to:-

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	Dr. Aditi Deepak Buch Department of Biological Sciences Charotar University of Science & Technology, Changa, Post changa, petlad, Anand, Gujarat-388421 Email: aditibuch.biochem@charusat.ac.in Mobile: 919825592847 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in .)
5.	Registrar, Charotar University Of Science & Technology, Changa, Post Changa, Petlad (Receipt of Grant may be intimated by name to the undersigned)


(Dr. Harish Kumar)
Scientist E
ms_bb@serbonline.in

RTGS/NEFT UTR/ TRANS No. – File No. EMR/2016/003524

Finance Wing, SERB <finance@serb.gov.in>

Mon, Mar 27, 2017 at 1:01 PM

To: aditibuch.biochem@charusat.ac.in, devang.adm@charusat.ac.in

Cc: "DR. G HARISH KUMAR, SCIENTIST 'E'" <harishkumar@nic.in>

Mr/Ms/Prof/Dr.

ADITI D BUCH

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY,

ANAND -

Gujarat

Subject: RTGS/NEFT UTR/ TRANS No. – File No. EMR/2016/003524

Sir/Madam,

I am directed to refer to **Science & Engineering Research Board (SERB)** sanction order no. **EMR/2016/003524** dated **14-03-2017** and forward herewith the following for information and necessary action:

RTGS/NEFT UTR/Transaction no.: **UBINH17081550168 / SAA258281937** dated **22-03-2017**.**Rs.1300000/- (RUPEES THIRTEEN LAKH ONLY)** transferred to A/c No.: **30875081005**, Bank Name/Branch : State Bank of India, PETLAD**SERB Sanction Order for the above is attached to this email****Reference:**

1. SERB, Finance Wing, Bill no: GIA/8491 dated 17-03-2017
2. SERB Finance Wing, Diary No: SERB/F/9061/2016-17→ (please make this your subject line for future queries via email)

KINDLY CONFIRM RECEIPT OF GRANTS (FUNDS) BY **EMAIL** ONLY.**IMPORTANT:**

1. **SEPARATE Utilization Certificates (UCs)** for Recurring and Non-Recurring Grants (even if **DISBURSED BY SERB THROUGH ONE SANCTION ORDER** for your project) should be **sent directly** to the grant Sanctioning Authority by name (*signatory of the sanction order*) **within twelve months of the closure of the financial year in which the grants were released irrespective of whether the subsequent instalment of grant is due for release or not.**
2. However, if any unspent balance is to be **refunded**, kindly ensure that the unutilized amount may be refunded immediately by way of an a/c payee cheque/DD drawn in favour of **"Fund for Science & Engineering Research"**, payable at New Delhi and **forwarded to the undersigned at the address given below:**

The Finance & Budget Officer

Science & Engineering Research Board (SERB)

③ Dr. Chirayu Desai

3.1.3
2016-17

③

No. BT/PR16965/BCE/8/1401/2016

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY

Block 2, 6-8th Floors
CGO Complex, Lodhi Road,
New Delhi- 110 003
Dated: 15.06.2017

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: "Integrated eco-electrogenic system for efficient and sustainable treatment of textile wastewater" for a period of 3 Year 0 Month at a total cost of Rs. 13487800 (Rupees One Crores Thirty Four Lakhs Eighty Seven Thousand Eight Hundred Only) on the terms and conditions detailed here under:-

2 The Project :

2.1 Title : "Integrated eco-electrogenic system for efficient and sustainable treatment of textile wastewater"

2.2 Details of the Investigators:

Project Coordinator

Dr. S Venkata Mohan

Principal Scientist,
Bioengineering and Environmental Sciences,
CSIR-Indian Institute of Chemical Technology, BEEC
Habsiguda, Uppal Road, Hyderabad -500007, Telangana

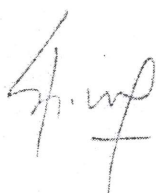
Principal Investigators:

Dr. S Venkata Mohan

Principal Scientist,
Bioengineering and Environmental Sciences,
CSIR-Indian Institute of Chemical Technology, BEEC
Habsiguda, Uppal Road, Hyderabad -500007, Telangana

Dr. Chirayu Desai

Assistant Professor,
Department of Biological Sciences,
P. D. Patel Institute of Applied Sciences,
Charotar University of Science and Technology
(CHARUSAT) Campus, Changa
Petlad, Anand - 388421, Gujarat



1. Rs.2053000.00/- (Rupees Twenty Lakhs Fifty Three Thousand Only) to The Registrar, Charotar University of Science and Technology, Taluka: Pellad, Anand - 388421, Gujarat

Bank Name : state bank of India
 Branch Name : SBI,CHARUSAT Campus
 A/c No. : 30875081005
 IFSC Code : SBIN0010961
 MICR Code : 388002502

2. Rs.798000.00/- (Rupees Seven Lakhs Ninety Eight Thousand Only) to The Finance and Accounts Officer, Shivaji University, Vidyanagar, Kolhapur - 416004, Maharashtra

Bank Name : UCO Bank
 Branch Name : Vidyanagar, Kolhapur
 A/c No. : 02890200000001
 IFSC Code : UCBA0000289
 MICR Code : 416028003

3. Rs.1037000.00/- (Rupees Ten Lakhs Thirty Seven Thousand Only) to The Director, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, Uppal Road, Hyderabad - 500007, Andhra Pradesh

Bank Name : State Bank of India
 Branch Name : habsiguda hyderabad
 A/c No. : 62047032288
 IFSC Code : SBIN0030087
 MICR Code : 500004020

3. The expenditure involved is debitable to:

Demand No. 85	Department of Biotechnology
3425	Other Scientific Research 2017-2018
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Biotechnology Research and Development, Human Resource Development, Research Resources and Facilities
3425.60.200.29.17	Assistance for Research and Development
3425.60.200.29.17.35	Grants for creation of capital assets

4. The Director, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, Hyderabad, Andhra Pradesh and The Registrar, Charotar University of Science and Technology, Anand, Gujarat and The Finance and Accounts Officer, Shivaji University, Kolhapur, Maharashtra will submit audited utilization certificates and statements of expenditure in respect of the above-mentioned amount.

5. As per Rule 236 (1) of GFR 2017, the accounts of all Grantee Institutions or Organisations shall be open to inspection by the sanctioning authority and audit, both by the Comptroller and Auditor General of India under the provision of CAG(DPC) Act 1971 and internal audit by the Principal Accounts Office of the Ministry or Department, whenever the Institution or Organisation is called upon to do so.

6. No International Travel will be undertaken from the sanctioned project grant unless specified otherwise.

7. The Institute/Agency will keep the whole of the grant in a Bank Account earning interest, and the interest so earned should be reported to DBT in the Utilisation Certificate and Statement of Expenditure. The Interest so earned will be treated as created to the institute/Agency and shall be adjusted towards further installment of the grant and or at the time of Final Settlement of Accounts.

8. Memorandum of Agreement has been executed.

In case the whole or a part of the amount of the grant-in-aid is being refunded, and interest at the rate of ten per cent per annum thereon shall be recovered.
No UC is due for rendition.

The Institute/Agency will keep the whole of the grant in a Bank Account earning interest, and the interest so earned should be reported to DBT in the Utilisation Certificate and Statement of Expenditure. The Interest so earned will be treated as created to the institute/Agency and shall be adjusted towards further instalment of the grant and or at the time of Final Settlement of Accounts.
The other terms and conditions governing the financial sanction will remain unaltered.

Charotar University of Science & Technology, Gujarat is registered under NGO Darpan. Unique ID: GJ/2017/0150061

9. This issues under the powers delegated to this Department and with the concurrence of IFD, DBT, vide their SAN No. 102/IFD/SAN/1470/2017-2018 dated July, 05 2017.

10. This sanction order has been noted at serial no. 37 in the Register of Grants.

(Dr. Onkar N. Tiwari)
Scientist 'D'

To,

The Pay & Accounts Officer,
Department of Biotechnology,
New Delhi - 110 003.

Copy to:

- 1 The Principal Director of Audit (Scientific Departments), AGCR Building, New Delhi- 110 002.
- 2 Dr. S Venkata Mohan, Principal Scientist, Bioengineering and Environmental Sciences, CSIR-Indian Institute of Chemical Technology, BEEC, Habsiguda, Uppal Road, Hyderabad -500007, Telangana
- 3 The Director, CSIR-Indian Institute of Chemical Technology, BEEC, Habsiguda, Uppal Road, Hyderabad - 500007, Telangana
- 4 The Finance and Accounts Officer, Shivaji University, Vidyanagar, Kolhapur - 416004, Maharashtra
- 5 The Registrar, Charotar University of Science and Technology, Taluka: Petlad,, Anand - 388421, Gujarat
- 6 Dr. Chirayu Desai, Assistant Professor, Department of Biological Sciences, P.D. Patel Institute of Applied Science, Charotar University of Science and Technology, (CHARUSAT) Campus, Changa, Petlad, Anand - 388421, Gujarat
- 7 Prof. Jyoti P Jadhav, Professor, Department of Biochemistry, Shivaji University, Vidyanagar, Kolhapur - 416004, Maharashtra
- 8 Cash Section, DBT (2 copies).
- 10 Sanction Folder.
- 11 File Copy.

(Dr. Onkar N. Tiwari)
Scientist 'D'

No. BT/PR18965/BCE/8/1401/2016
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY

Block 2, (6-8th Floors)
CGO Complex, Lodhi Road,
New Delhi- 110 003
Date:10.07.2017

RELEASE ORDER

In continuation of this Department's sanction order of even number dated Jun 12, 2017 sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rule, 1978, for the release of Rs. **3252200.00** (Rupees Thirty Two Lakhs Fifty Two Thousand Two Hundred Only) being the first year release for the project entitled "**Integrated eco-electrogenic system for efficient and sustainable treatment of textile wastewater**", being implemented by:

1. Dr. Chirayu Desai, Assistant Professor, Department of Biological Sciences, P.D. Patel Institute of Applied Science, Charotar University of Science and Technology, (CHARUSAT) Campus, Changa, Pethad, Anand - 388421, Gujarat
2. Prof. Jyoti P Jadhav, Professor, Department of Biochemistry, Shivaji University, Vidyanagar, Kolhapur - 416004, Maharashtra
3. Dr. S Venkata Mohan, Principal Scientist, Bioengineering and Environmental Sciences, CSIR-Indian Institute of Chemical Technology, BEEC, Habsiguda, Uppal Road, Hyderabad -500007, Telangana

The detailed break-up is as given below:

SN	Institute Name	Recurring						Total Release Amount (Rs)
		Manpower	Consumable	Travel	Contingency	Others	Overhead	
1	Charotar University of Science and Technology, Anand	360000.00	300000.00	50000.00	50000.00	250000.00	50000.00	1080000.00
2	Indian Institute Of Chemical Technology, Hyderabad	436800.00	300000.00	50000.00	100000.00	0.00	100000.00	986800.00
3	Shivaji University, Kolhapur	605400.00	300000.00	50000.00	150000.00	0.00	100000.00	1205400.00

2. The amount of Rs. **3252200.00** /-(Rupees Thirty Two Lakhs Fifty Two Thousand Two Hundred Only) will be directly credited by the Pay & Accounts Officer, DBT in the account as detailed below:

1. Rs.1060000.00/- (Rupees Ten Lakhs Sixty Thousand Only) to The Registrar, Charotar University of Science and Technology, Taluka: Petlad,, Anand - 388421, Gujarat

Bank Name : state bank of India
Branch Name : SBI,CHARUSAT Campus
A/c No. : 30875081005
IFSC Code : SBIN0010961
MICR Code : 388002502

2. Rs.1205400.00/- (Rupees Twelve Lakhs Five Thousand Four Hundred Only) to The Finance and Accounts Officer, Shivaji University, Vidyanagar, Kolhapur - 416004, Maharashtra

Bank Name : UCO Bank
Branch Name : Vidyanagar, Kolhapur
A/c No. : 02890200000001
IFSC Code : UCBA0000289
MICR Code : 416028003

3. Rs.986800.00/- (Rupees Nine Lakhs Eighty Six Thousand Eight Hundred Only) to The Director, Indian Institute Of Chemical Technology, Uppal Road, Hyderabad - 500007, Andhra Pradesh

Bank Name : State Bank of India
Branch Name : habsiguda hyderabad
A/c No. : 62047032288
IFSC Code : SBIN0030087
MICR Code : 500004020

3. The expenditure involved is debitable to:

Demand No. 85	Department of Biotechnology
3425	Other Scientific Research 2017-2018
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Biotechnology Research and Development, Human Resource Development, Research Resources and Facilities
3425.60.200.29.17	Assistance for Research and Development
3425.60.200.29.17.31	Grants-in-aid General

4. The Director, INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY, Hyderabad, Andhra Pradesh and The Registrar, Charotar University of Science and Technology, Anand, Gujarat and The Finance and Accounts Officer, Shivaji University, Kolhapur, Maharashtra will submit audited utilization certificates and statements of expenditure in respect of the above-mentioned amount.
5. As per Rule 236 (1) of GFR 2017, the accounts of all Grantee Institutions or Organisations shall be open to inspection by the sanctioning authority and audit, both by the Comptroller and Auditor General of India under the provision of CAG(DPC) Act 1971 and internal audit by the Principal Accounts Office of the Ministry or Department, whenever the Institution or Organisation is called upon to do so.
6. No International Travel will be undertaken from the sanctioned project grant unless specified otherwise.

7. The Institute/Agency will keep the whole of the grant in a Bank Account earning interest, and the interest so earned should be reported to DBT in the Utilisation Certificate and Statement of Expenditure. The Interest so earned will be treated as created to the Institute/Agency and shall be adjusted towards further instalment of the grant and or at the time of Final Settlement of Accounts.
8. Memorandum of Agreement has been executed.

In case the whole or a part of the amount of the grant-in-aid is being refunded, and interest at the rate of ten per cent per annum thereon shall be recovered.

No UC is due for rendition.

The Institute/Agency will keep the whole of the grant in a Bank Account earning interest, and the interest so earned should be reported to DBT in the Utilisation Certificate and Statement of Expenditure. The Interest so earned will be treated as created to the Institute/Agency and shall be adjusted towards further instalment of the grant and or at the time of Final Settlement of Accounts. The other terms and conditions governing the financial sanction will remain unaltered.

**Charotar University of Science & Technology, Gujarat is registered under NGO Darpan.
Unique ID: GJ/2017/0150061**

9. This issues under the powers delegated to this Department and with the concurrence of IFD, DBT, vide their SAN No. **102/IFD/SAN/1469/2017-2018** dated **July, 05 2017**.
10. This sanction order has been noted at serial no. **38** in the Register of Grants.

(Dr. Onkar N Tiwari)
Scientist 'D'

To,

The Pay & Accounts Officer,
Department of Biotechnology,
New Delhi - 110 003.

Copy to:

- 1 The Principal Director of Audit (Scientific Departments), AGCR Building, New Delhi- 110 002.
- 2 Dr. S Venkata Mohan, Principal Scientist, Bioengineering and Environmental Sciences, CSIR-Indian Institute of Chemical Technology, BEEC, Habsiguda, Uppal Road, Hyderabad -500007, Telangana
- 3 The Director, CSIR-Indian Institute of Chemical Technology, BEEC, Habsiguda, Uppal Road, Hyderabad -500007, Telangana
- 4 The Finance and Accounts Officer, Shivaji University, Vidyanagar, Kolhapur - 416004, Maharashtra
- 5 The Registrar, Charotar University of Science and Technology, Taluka, Petlad, Anand - 388421, Gujarat
- 6 Dr. Chirayu Desai, Assistant Professor, Department of Biological Sciences, P.D. Patel Institute of Applied Science, Charotar University of Science and Technology, (CHARUSAT) Campus, Changa, Petlad, Anand - 388421, Gujarat
- 7 Prof. Jyoti P Jadhav, Professor, Department of Biochemistry, Shivaji University, Vidyanagar, Kolhapur - 416004, Maharashtra
- 8 Cash Section, DBT (2 copies).
- 9 Sanction Folder.
- 10 File Copy.

(Dr. Onkar N Tiwari)
Scientist 'D'

3.1.3

2016-17

(4) Dr. Chirayu Desai

(4)

FILE NO. ECR/2015/000549

SCIENCE & ENGINEERING RESEARCH BOARD

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 31-Aug-2016

ORDER

Subject: Financial Sanction of the research project titled "**Application of microaerophilic-aerobic bioreactor system in treating real textile effluents and metagenomic analyses of microbial community dynamics**" under the guidance of Dr. Chirayu Rameshchandra Desai, Biological Sciences, Charotar University of Science & Technology, Changa, Post Changa, Petlad, Anand, Gujarat-388421 and by Dr. Darshan H Patel, Assistant Professor, Department Of Biochemistry, P.D.Patel Institute Of Applied Sciences, Charotar University Of Science & Technology, Changa - Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of Rs. 3362700/- (Rs. Thirty Three Lakh Sixty Two Thousand Seven Hundred Only) with break-up of Rs. 1197000/- under Capital (Non-recurring) head and Rs. 2165700/- under General (Recurring) head for a duration of Three years. The items of expenditure for which the total allocation of Rs. 3362700/- has been approved are given below:

The following budget may be considered for Charotar University Of Science & Technology, Changa, Post Changa, Petlad

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> UV-Visible Spectrophotometer and thermostat module -> Refrigerator -> Electronic Microbalance -> Refrigerated Centrifuge -> Deep Freezer (-20°C)	1197000
A'	Total (Non-Recurring)	1197000
B	Recurring Items	
1	Recurring - A : (Manpower, Consumables, Travel, Contingencies)	1860000
2	Recurring - B : (Overhead Charges)	305700
B'	Total (Recurring)	2165700
C	Total cost of the project (A' + B')	3362700

2. Sanction of the SERB is also accorded to the payment of

- Rs. 1197000/- (Rupees Eleven Lakh Ninety Seven Thousand only) under 'Grants for creation of capital assets' and Rs. 721900/- (Rupees Seven Lakh Twenty One Thousand Nine Hundred only) under 'Grants-in-aid General' to Registrar, CHARUSAT, Charotar University Of Science & Technology, Changa, Post Changa, Petlad being the first installment of the grant for the year 2016-2017 for implementation of the said research project.

3. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER)
This release is being made under Early Career Research Award. (EC Life Sciences)

4. The Sanction has been issued to Charotar University Of Science & Technology, Changa, Post Changa, Petlad with the approval of the competent authority under delegated powers on 24 August, 2016 and vide Diary No. SERB/F/3492/2016-17 dated 29 August, 2016

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in):

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

10. The release amount of Rs. 1918900/- (Rupees Nineteen Lakh Eighteen Thousand Nine Hundred only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY
Account Number	30875081005
Bank Name & Branch	STATE BANK OF INDIA STATE BANK OF INDIA, CHARUSAT CAMPUS, NEAR DARSHAN HOSTEL, CHANGA 388 421
IFSC/RTGS Code	SBIN0010961
Email id of A/C Holder	registrar@charusat.ac.in
Email id of PI	chirayudesai.bt@charusat.ac.in

11. The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.


12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. ECR/2015/000549 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.


16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.


(Dr. Thangaradjou T)
Scientist E
ttradjou@serb.gov.in

To,
Finance & Budget Officer
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	<p>Dr. Chirayu Rameshchandra Desai Biological Sciences Charotar University of Science & Technology, Changa, Post Changa, Petlad, Anand, Gujarat-388421 Email: chirayudesai.bt@charusat.ac.in Mobile: 917573871952</p> <p>Dr. Darshan H Patel Department Of Biochemistry, P.D. Patel Institute Of Applied Sciences Charotar University Of Science & Technology, Changa (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)</p>
5.	<p>Registrar, CHARUSAT, Charotar University Of Science & Technology, Changa, Post Changa, Petlad</p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p>


(Dr. Thangaradjou T)
Scientist E
ttradjou@serb.gov.in

FILE NO. ECR/2015/000549
SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 18-May-2017

ORDER

Subject: Research project entitled "Application of microaerophilic-aerobic bioreactor system in treating real textile effluents and metagenomic analyses of microbial community dynamics" under the guidance of Dr. Chirayu Rameshchandra Desai, Biological Sciences, Charotar University of Science & Technology, Changa, Post Changa, Petlad, Anand, Gujarat-388421 and by Dr. Darshan H Patel, Assistant Professor, Department Of Biochemistry, P.D.Patel Institute Of Applied Sciences, Charotar University Of Science & Technology, Changa.

1. This is in continuation of SERB's sanction order No. "ECR/2015/000549" dated "31 August, 2016 " of Science and Engineering Research Board (SERB).
2. Sanction of the competent authority is hereby accorded to the payment of a sum of
 - Rs. 695000/- (Rupees Six Lakh Ninety Five Thousand only) under 'Grants-in-aid General' to Registrar, CHARUSAT, Charotar University Of Science & Technology, Changa, Post Changa, Petlad being the 2nd grant for the financial year 2017-2018 for implementation of the above said project.
3. Sanction of the competent authority is also accorded to the carry forward of unspent balance of Rs. 202222/- (Rupees Two Lakh Two Thousand Two Hundred and Twenty Two only) (Recurring Rs. 202222 and Non-Recurring Rs. 0) to Charotar University of Science & Technology, Changa, Post Changa, Petlad from FY 2016-2017 to FY 2017-2018 for the same purpose for which it was sanctioned
4. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in).
5. It is certified that provision of GFR 212 relating to Utilization Certificates (Ucs) for the funds released under the grant have been satisfied and the UC/s is/are enclosed herewith.
6. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER)
This release is being made under Early Career Research Award. (EC Life Sciences)
7. The Sanction has been issued to Charotar University Of Science & Technology, Changa, Post Changa, Petlad with the approval of the competent authority under delegated powers on 21 April, 2017 and vide Diary No. SERB/F/760/2017-18 dated 17 May, 2017
8. The release amount of Rs. 695000/- (Rupees Six Lakh Ninety Five Thousand only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

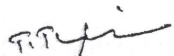
Account Name	CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY
Account Number	30875081005
Bank Name & Branch	STATE BANK OF INDIA STATE BANK OF INDIA, CHARUSAT CAMPUS, NEAR DARSHAN HOSTEL, CHANGA 388 421
IFSC/RTGS Code	SBIN0010961
Email id of A/C Holder	registrar@charusat.ac.in
Email id of PI	chirayudesai.bt@charusat.ac.in

9. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.
10. As per rule 211 of GFR the accounts of Grantee Institution shall be open to inspection by the sanctioning authority / audit whenever the institute is called upon to do so.
11. The institute will furnish to the SERB, Utilization certificate(separate for Recurring & Non-Recurring) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. After completion of the project unspent balance if any should be returned as Demand Draft drawn in favour of "Fund for Science and Engineering Research" payable at New Delhi.

13. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

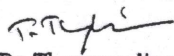
14. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.


(Dr. Thangaradjou T)
Scientist E
ttradjou@serb.gov.in

To,
Finance & Budget Officer
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	<p>Dr. Chirayu Rameshchandra Desai Biological Sciences Charotar University of Science & Technology, Changa , Post Changa, Petlad, Anand, Gujarat-388421 Email: chirayudesai.bt@charusat.ac.in Mobile: 917573871952</p> <p>Dr. Darshan H Patel Department Of Biochemistry, P.D.Patel Institute Of Applied Sciences Charotar University Of Science & Technology, Changa</p>
5.	Registrar, CHARUSAT, Charotar University Of Science & Technology, Changa, Post Changa, Petlad


(Dr. Thangaradjou T)
Scientist E
ttradjou@serb.gov.in

FILE NO EMR/2016/002278

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 14-Mar 2017

ORDER

Subject: Financial Sanction of the research project titled **"To prepare and test tunable magnetic fluid diffraction grating"** under the guidance of Dr. Rucha P Desai, Department of Physical Sciences, P D Patel Institute of Applied Sciences, Charotar University of Science & Technology, Changa, Post changa, petlad, Anand, Gujarat-388421 - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of Rs. 5007574/- (Rs. Fifty Lakh Seven Thousand Five Hundred and Seventy Four **Only**) with break-up of Rs. 3389340/- **under Capital (Non-recurring)** head and Rs. 1618234/- **under General (Recurring)** head for a duration of Three years. The items of expenditure for which the total allocation of Rs. 5007574/- has been approved are given below: The following budget may be considered for **Charotar University Of Science & Technology, Changa, Post Changa, Petlad**

S. No	Head	Total (in Rs.)
A	Non-recurring	3389340
1	Equipment -> computer -> He-Cd laser -> Optical table with passive vibration isolation table -> He-Ne laser -> DPSS laser -> Inverted Metallurgical Microscope -> Fiber Optic spectrometer	3389340
A'	<i>Total (Non-Recurring)</i>	
B	Recurring Items	1163000
1	Recurring - A : (Manpower, Consumables, Travel, Contingencies)	455234
2	Recurring - B : (Overhead Charges)	1618234
B'	<i>Total (Recurring)</i>	5007574
C	Total cost of the project (A' + B')	

2. Sanction of the **SERB** is also accorded to the payment of
 • Rs. 3389340/- (Rupees Thirty Three Lakh Eighty Nine Thousand Three Hundred and Forty only) under 'Grants for creation of capital assets' and Rs. 100000/- (Rupees One Lakh only) under 'Grants-in-aid General' to Registrar, Charotar University Of Science & Technology, Changa, Post Changa, Petlad
 being the first installment of the grant for the year 2016-2017 for implementation of the said research project.

3. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**
 This release is being made under **Extra Mural Research Funding (Individual Centric)**. (PAC Physical Sciences)

4. The Sanction has been issued to Charotar University Of Science & Technology, Changa, Post Changa, Petlad with the approval of the competent authority under delegated powers on 07 March, 2017 and vide Diary No. SERB/F/9363/2016-17 dated 11 March, 2017

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

10. The release amount of **Rs. 3489340/-** (Rupees Thirty Four Lakh Eighty Nine Thousand Three Hundred and Forty only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY
Account Number	30875081005
Bank Name & Branch	STATE BANK OF INDIA STATE BANK OF INDIA, CHARUSAT CAMPUS CHANGA PIN 388 421
IFSC/RTGS Code	SBIN0010961
Email id of A/C Holder	devang.adm@charusat.ac.in
Email id of PI	ruchapd@gmail.com

11. The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. EMR/2016/002278 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

Nilotpal Ghosh

(Dr. Nilotpal Ghosh)

MS

nilotpal@serb.gov.in

5

To,
Finance & Budget Officer
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	Dr. Rucha P Desai Department of Physical Sciences, P D Patel Institute of Applied Sciences Charotar University of Science & Technology, Changa, Post changa, petlad, Anand, Gujarat-388421 Email: ruchapd@gmail.com Mobile: 919426596644 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in .)
5.	Registrar, Charotar University Of Science & Technology, Changa, Post Changa, Petlad (Receipt of Grant may be intimated by name to the undersigned)

Nilotpal Ghosh

(Dr. Nilotpal Ghosh)

MS

nilotpal@serb.gov.in

⑥ Dr. Anjana Kothari

⑥

FILE NO. EMR/2016/003789

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 14-Mar-2017

ORDER

Subject: Financial Sanction of the research project titled "**Development of thin film solar cells with low-cost earth-abundant materials by Inkjet Printing**" under the guidance of Dr. Anjana Kothari, Thin Films and Nanostructures Laboratory, Dr. K C Patel Research and Development Centre (KRADLE), Charotar University of Science & Technology, Changa, Post changa, petlad, Anand, Gujarat-388421 - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 4322560/-** (Rs. Forty Three Lakh Twenty Two Thousand Five Hundred and Sixty Only) with break-up of **Rs. 1700000/-** under **Capital (Non-recurring)** head and **Rs. 2622560/-** under **General (Recurring)** head for a duration of Three years. The items of expenditure for which the total allocation of **Rs. 4322560/-** has been approved are given below.

The following budget may be considered for **Charotar University Of Science & Technology, Changa, Post Changa, Petlad**

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Vacuum oven -> Compact Split tube furnace -> Microviscometer	1700000
A	Total (Non-Recurring)	1700000
B	Recurring Items	
1	Recurring - A : (Manpower, Consumables, Travel, Contingencies)	2229600
2	Recurring - B : (Overhead Charges)	392960
B'	Total (Recurring)	2622560
C	Total cost of the project (A' + B')	4322560

- Sanction of the **SERB** is also accorded to the payment of **Rs. 1700000/-** (Rupees Seventeen Lakh only) under 'Grants for creation of capital assets' to **Registrar, Charotar University Of Science & Technology, Changa, Post Changa, Petlad** being the first installment of the grant for the year 2016-2017 for implementation of the said research project.
- The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**. This release is being made under **Extra Mural Research Funding (Individual Centric)**. (PAC Physical Sciences)
- The Sanction has been issued to **Charotar University Of Science & Technology, Changa, Post Changa, Petlad** with the approval of the competent authority under delegated powers on **09 March, 2017** and vide Diary No. **SERB/F/9353/2016-17** dated **11 March, 2017**
- Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).
- Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

3.1.3
2016-17

7. While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.
8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.
9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.
10. The release amount of Rs. 1700000/- (Rupees Seventeen Lakh only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY
Account Number	30875081005
Bank Name & Branch	STATE BANK OF INDIA STATE BANK OF INDIA CHANGACHARUSAT CAMPUSCHANGA 388421
IFSC/RTGS Code	SBIN0010961
Email id of A/C Holder	devang.adm@charusat.ac.in
Email id of PI	anjanakothari.rnd@charusat.ac.in

11. The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.
12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.
13. The project File no. EMR/2016/003789 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.
14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any beyond the duration of the project.
15. As this is the first grant being released for the project, no previous U/C is required.
16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.
17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.
18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

(Dr. Nilotpal Ghosh)

MS

nilotpal@serb.gov.in

To,
Finance & Budget Officer
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy

4.	<p>Dr. Anjana Kothari Thin Films and Nanostructures Laboratory, Dr. K C Patel Research and Development Centre (KRADLE) Charotar University of Science & Technology, Changa , Post changa, petlad, Anand, Gujarat-388421 Email: anjanakothari.rnd@charusat.ac.in Mobile: 919427624117 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)</p>
5.	<p>Registrar, Charotar University Of Science & Technology, Changa, Post Changa, Petlad (Receipt of Grant may be intimated by name to the undersigned)</p>

(Dr. Nilotpal Ghosh)

MS

nilotpal@serb.gov.in

3.1.3

2016-17

(7) Dr. Kinnari Parekh

FILE NO. EMR/2016/001000

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 03-Mar-2017

ORDER

Subject Financial Sanction of the research project titled "To engineer and develop suitable magnetic fluid for the induction heating based therapeutic strategy against cancer" under the guidance of Dr. Kinnari H Parekh, Dr. K C Patel R & D Center, Charotar University of Science & Technology, Changa, Post Changa, Petlad, Anand, Gujarat-388421 and by Dr. Neeraj D Jain, Assistant Professor, P D Patel Institute Of Applied Sciences, Charotar University Of Science & Technology, Changa - Release of 1st grant

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of Rs. 4938073/- (Rs. Forty Nine Lakh Thirty Eight Thousand and Seventy Three Only) with break-up of Rs. 2659558/- under Capital (Non-recurring) head and Rs. 2278515/- under General (Recurring) head for a duration of Three years. The items of expenditure for which the total allocation of Rs. 4938073/- has been approved are given below:

The following budget may be considered for Charotar University Of Science & Technology, Changa, Post Changa, Petlad

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Induction Heating Equipment -> Ultra Low Temperature Freezer	2659558
A'	Total (Non-Recurring)	2659558
B	Recurring items	
1	Recurring - A : (Manpower, Consumables, Travel, Contingencies)	1829600
2	Recurring - B : (Overhead Charges)	448915
B'	Total (Recurring)	2278515
C	Total cost of the project (A' + B')	4938073

2. Sanction of the SERB is also accorded to the payment of

- Rs. 2659558/- (Rupees Twenty Six Lakh Fifty Nine Thousand Five Hundred and Fifty Eight only) under 'Grants for creation of capital assets' and Rs. 100000/- (Rupees One Lakh only) under 'Grants-in-aid General' to Registrar, Charotar University Of Science & Technology, Changa, Post Changa, Petlad

being the first installment of the grant for the year 2016-2017 for implementation of the said research project

3. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER)

This release is being made under Extra Mural Research Funding (Individual Centric). (PAC Physical Sciences)

4. The Sanction has been issued to Charotar University Of Science & Technology, Changa, Post Changa, Petlad with the approval of the competent authority under delegated powers on 01 March, 2017 and vide Diary No. SERB/F/0577/2016-17 dated 03 March, 2017

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

10. The release amount of Rs. 2759558/- (Rupees Twenty Seven Lakh Fifty Nine Thousand Five Hundred and Fifty Eight only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY
Account Number	30875081005
Bank Name & Branch	STATE BANK OF INDIA STATE BANK OF INDIA, CHARUSAT CAMPUS, CHANGA 388421

IFSC/RTGS Code	SBIN0010961
Email id of A/C Holder	devang.adm@charusat.ac.in
Email id of PI	kinnariparekh.rnd@charusat.ac.in

11. The institute will furnish to the SERB, New Delhi, separate Utilization certificate (UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

13. The project File no. EMR/2016/001000 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

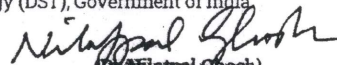
14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any, beyond the duration of the project.

15. As this is the first grant being released for the project, no previous U/C is required.

16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

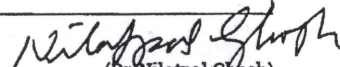
18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.


(Dr. Nilotpal Ghosh)
MS
nilotpal@serb.gov.in

To,
Finance & Budget Officer
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	<p>Dr. Kinnari H Parekh Dr. K C Patel R & D Center Charotar University of Science & Technology, Changa, Post Changa, Petlad, Anand, Gujarat-388421 Email: kinnariparekh.rnd@charusat.ac.in Mobile: 919426950505</p> <p>Dr. Neeraj D Jain P D Patel Institute Of Applied Sciences Charotar University Of Science & Technology, Changa (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)</p>
5.	<p>Registrar, Charotar University Of Science & Technology, Changa, Post Changa, Petlad</p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p>


(Dr. Nilotpal Ghosh)
MS
nilotpal@serb.gov.in

Prof. (Dr.) Ranita Nagar
Dean Research Division

Gandhinagar, Tuesday, 02 May, 2017
GNLU/RD/RP/013/2017

To,

1. Dr. Viralkumar B. Mandaliya
Principal Investigator,
Assistant Professor (Research),
Gujarat National Law University,
Gandhinagar.

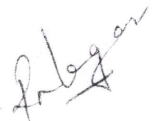
2. Dr. K.G. Patel
Co-Investigator,
Assistant Professor,
Charusat University,
Changa.

Subject: Grant allotted for Research Project under Government of Gujarat funding

- Ref. 1. GNLU Letter vide no. GNLU/RD/RP/006/2017 dated 27/04/2017
2. Legal Department, Government of Gujarat, GNLU Grant Order Letter
vide no. NLU/102015/18/119/E dated 02/02/2017

This is to inform you that your research project titled "Climate-Smart Agriculture: An Address of Food Security and Climate Change" is approved by the Research Division, GNLU under the grant received from Government of Gujarat. As a co-investigator of the said project you shall be jointly responsible for the completion of project and submission of completion report on or before March 3, 2018. The grant allotted for this project is Rs. 4,50,000/- (Rupees Four Lakh Fifty Thousand Only).

This research project is assigned with GG-R1/RP/VM-1 code, hence you are required to quote the same in all the further communications.



Ranita Nagar

CC to:

- Director, Gujarat National Law University
- Registrar, Gujarat National Law University
- Budget, Accounts and Finance Section, Gujarat National Law University
- Office of Dean Research Division, Gujarat National Law University



31.3.

2016-17

GUJARAT COUNCIL ON SCIENCE AND TECHNOLOGY

Department of Science & Technology, Government of Gujarat

Block: B, 7th Floor, M.S. Building, Nr. Pathikashram, Sector-11
Gandhinagar, Gujarat-382011.

Phone: (079) 23259362-65 Fax: (079) 23259363

E-mail: sciog-gujcost@gujarat.gov.in

URL: www.gujcost.gujarat.gov.in

**Dr. Narottam Sahoo**

Advisor and Member Secretary

16 DEC 2014

No. GUJCOST/MRP/2014-15/ 1254

26th Nov, 2014**Dr. Neeraj Jain**

Assistant Professor,

Department of Biotechnology,

P D Patel Institute of Applied Sciences,

Charotar University of Sci. & Tech.

Anand, Gujarat 388421.

Sub: Release of first installment of the sanctioned grant for Minor Research Project 2013-14.

Dear Sir/Madam,

Warm Greetings from Gujarat Council on Science and Technology (GUJCOST), Gandhinagar.

We are pleased to inform you that the first installment of your Minor Research Project entitled "To study Anti-cancer effects of Phosphonium Ionic liquids on HPV positive and negative cervical cancer cell lines" amounting Rs.2,55,000/- (Rupees two lakh fifty-five thousand only) has been released through RTGS / NEFT to your Bank account directly vide online transaction on 15th Dec 2014.

We request you to please acknowledge us the stamped receipt of the above payment for our records.

Thanking you and with kind regards.

Yours sincerely,

(Narottam Sahoo)

3.1.3
2016-17

GUJARAT COUNCIL ON SCIENCE AND TECHNOLOGY

Department of Science & Technology, Government of Gujarat

Block: B, 7th Floor, M.S. Building, Nr.Pathikashram, Sector-11,
Gandhinagar, Gujarat - 382011.

Phone : (079) 23259362-65 Fax : (079) 23259363

E-mail : info-gujcost@gujarat.gov.in

URL : www.gujcost.gujarat.gov.in

**Dr. Narottam Sahoo**

Advisor & Member Secretary

No: GUJCOST/ MRP/ 2016-17/ 1260

10th October, 2016

Dr. Niraj Jain,

Associate Professor

P D Patel Institute of Applied Sciences,

Charotar University of Science & Technology, (CHARUSAT)

Campus Changa-388421

Sub: Release of Second Installment of the sanctioned Minor Research Project 2013-14.

Dear Sir/Madam,

Warm Greetings from Gujarat Council on Science and Technology (GUJCOST), Gandhinagar.

We are pleased to inform you that the second installment of your Minor Research Project entitled "To study Anti-cancer effects of Phosphonium Ionic liquids on HPV positive and negative cervical cancer cell lines" amounting Rs.2,45,000/- has been released through RTGS / NEFT to your Bank account directly vide online transaction on 6th October, 2016.

We request you to please complete project work on or before 31st December, 2016 and submit the Project completion Report along with UTC and other documents within this period (31st December, 2016) and acknowledge us the stamped receipt of the above payment for our records.

Thanking you and with kind regards.

Yours sincerely,

(Narottam Sahoo)

No: GUJCOST/MRP/16-17/ 1206-D

Gujarat Council on Science and Technology,
Block B, 7th Floor, M S Building,
Near Pathikashram, Sector 11,
Gandhinagar - 382011.

Date: 06/10/16

Reference: (1) Letter/ Application dated 30/12/2011 P D Patel Institute of Applied Sciences,
Charotar University of Science & Technology, (CHARUSAT)
(2) GUJCOST Note, Dated 23rd September 2016,

Sanction Order:

Gujarat Council on Science and Technology, Gandhinagar is running different schemes for nurturing & promoting Research and Development activities in the state. With reference to the above letter, we have received an application titled **"To study Anti-cancer effects of Phosphonium Ionic liquids on HPV positive and negative cervical cancer cell lines"** from Dr. Niraj Jain, from P D Patel Institute of Applied Sciences, Charotar University of Science & Technology, (CHARUSAT) under the Minor Research Project Scheme. On the basis of recommendation of technical experts and approval by GUJCOST Note, Dated 16th January 2013, financial assistance **Rs. 5,00,000/- (Rupees five lakh only)** is sanctioned for period of **Two Years** as per the following details and conditions.

Sr. No	Item	First Year	Second Year	Total
(1)	Consumables	1,50,000	1,50,000	3,00,000
(2)	Travel	20,000	20,000	40,000
(3)	Other Costs	40,000	20,000	60,000
(4)	Equipments	45,000	55,000	1,00,000
Grand Total		2,55,000	2,45,000	5,00,000/-

Permission is hereby granted for release of grant of **Rs.2,55,000/-** for first year, and **Rs.2,45,000/-** for second year under the following conditions:-


(1) To get the above mentioned financial assistance an M.O.U. has to be signed between the Principal/Head of the institute, Principal investigator of the Project and GUJCOST. On submission of the M.O.U. to GUJCOST, financial assistance will be released.

(2) Six monthly and spiral bound Final progress reports of the project in triplicate with photographs, Copies of Vouchers and Bills of the spent amount will have to be submitted to GUJCOST.


(3) Unspent amount will have to be submitted to GUJCOST at the end of Project.

UTILIZATION CERTIFICATE

Certified that out of Rs. 5000000.00 grants-in-aid sanctioned during the year 2014-16 in favour of CHARUSAT under the GUJCOST letter No. GUJCOST/MRP/2014-15/1254 dated 16.12.2014 and Rs. 1420.75 on account of unspent balance of previous year a sum of Rs. 422290.00 has been utilized for the purpose of To study anti-cancer effect of cervical cancer for which it was sanctioned and that the balance of Rs. 77710.00 remaining unutilized at the end of the year has been surrendered to GUJCOST (vide D.D/Cheque No. 969637 dated 31.03.2017) will be adjusted towards the grant-in-aid payable during the next year i.e.


Signature of Principal Investigator
Date




Signature of Head of the Institute/
Account Officer with Seal & Date
Dt. 31-03-2017