

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 : 2015-16) |
|----------|---|

Faculty of Technology & Engineering

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
4th Floor, East Tower, N.B.C.C. Place, Bhisham Pitamah Marg,
Pragati Vihar, New Delhi-110003

Ref. No.: 8-209/RIFD/RPS/POLICY-1/2014-15

March 25, 2015

The Drawing and Disbursing Officer
All India Council for Technical Education
7th Floor, Chandralok Building,
Connaught Place, New Delhi - 110 001.

Sub: Release of Grants under Research Promotion Scheme (RPS) Scheme during the financial year 2014-15.

Sir,

This is to convey the sanction of the Council for payment of **Rs.1429412/-** (Rupees Fourteen Lakh TwentyNine Thousand Four Hundred Twelve Only) for the financial year 2014-15 under the Research Promotion Scheme (RPS) as Grant-in-aid for meeting the expenditure for implementing the Scheme in order to create & update general research capabilities, as per details given below:

| | | | |
|----|--|---|--|
| 1. | Name of the Beneficiary Institution (University / College / Institution) | : | CHANDUBHAI S. PATEL INSTITUTE OF TECHNOLOGY EDUCATION CAMPUS, AT & PO: CHANGA, TA:PETLAD, DIST:ANAND, GUJARAT-388421. |
| 2. | Principal Investigator's Name & Deptt./Course | : | Dr. MAYUR SUTARIA ADVANCED MANUFACTURING TECHNOLOGY |
| 3. | Grant-in-aid Sanctioned | : | Rs.1588235/- [Rs.1350000 /- for non-recurring and Rs.238235/- for recurring expenditure] |
| 4. | Amount to be Released during the year 2014-15 (100% of non-recurring and 1/3 rd of recurring expenditure of year 1 remaining recurring in year 2 and 3) | : | Non Recurring : Rs. 1350000/- Recurring (1st Year): Rs.79412/- Total : Rs.1429412/- |
| 5. | Approved Duration | : | 3 Years (Three Years) |
| 6. | Title of the Project | : | Time-varying Performance Evaluation of Boundary Mould Elements (Feed-aids) for Effective Application of CAD and Simulation Technologies in Indian Foundries |

1. The sanctioned grant-in-aid is debatable to the major "601.1(a) RPS" (Gen.) and is valid for payment for the financial year 2014-15.
2. The grant-in-aid of the grant shall be drawn by the Drawing and Disbursing Officer (DDO), All India Council for Technical Education, New Delhi on the Grants-in-aid bill and shall be disbursed to and credited to the account of **Director/Registrar/ Principal, CHANDUBHAI S. PATEL INSTITUTE OF TECHNOLOGY, EDUCATION CAMPUS, AT & PO: CHANGA, TA:PETLAD, DIST:ANAND, GUJARAT-388421** through RTGS.
3. The date of release of the grant by AICTE shall be taken as the date of commencement of the project. The **Principal/Director/Registrar** shall intimate about the receipt of the grant to AICTE. Any Expenditure incurred prior the issuance of the approval letter is not allowed to be adjusted in the grant and if the University/Institution do not take the project work within 6 months of the receipt of the grant, approval shall ipso facto lapse.

Contd...2/-

:: 2 ::

4. Each project sanctioned by AICTE is assigned a specific Ref. No. which is on pre-page. All correspondence address to AICTE regarding the project must quote this number along with year of sanction of the project; otherwise the correspondence may not be entertained.
5. The accounts of the grantee will be open for test check by the Council or Comptroller & Audited General of India or by any Officer designated by them.
6. The institute/University shall not charge any overheads on this project and will provide all the administrative support for completion of the project.
7. The grantee shall utilize grants on only approved items of expenditure (list enclosed). However in case of the grantee wishes to recast the project, approval of Council must be obtained for the revised item of expenditure and they will maintain proper accounts of the expenditure as per the norms/procedures of AICTE/Government of India.
8. The assets acquired wholly or substantially out of all India Council for Technical Education's grant shall not be disposed or encumbered or utilize the purpose other than those for which the Grant was given without proper sanction of the all India Council for Technical Education.
9. The grantee shall maintain an audited record of assets acquired wholly or substantially out of the grant-in-aid and a register or assets shall be maintained by the Institute in the prescribed form i.e. GFR-19.
10. The interest on the sanctioned Grant-in-Aid will be treated as a part of the grant and shall be adjusted against recurring expenditure of future installments, if any.
11. The Annual Progress Report in the prescribed format along with Statement of Expenditure and Audited Utilization Certificate shall be submitted to AICTE not later than one month after completion of each financial year.
12. Project Completion Report (PCR) in the prescribed format along with the Audited Statement of Expenditure indicating expenditure incurred in the total duration of the project in the prescribed format, utilization in the format and GFR-19 shall be submitted to the Council.
13. The Utilization Certificate (UC) supported by Audited Statement of Expenditure to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the All India Council for Technical Education as early as possible after completion of the project. It should contain the head-wise break up of expenditure made from the grant-in-aid provided by the Council.
14. The grantee shall follow the terms and conditions of Research Promotion Scheme (RPS) as laid down by the council from time to time.

Contd...3/-



15. The Grantee shall fully implement to the official language policy of Union Government and comply with the official language Act, 1963 and official language (use of official purposes of the Union Rules, 1976 etc.)
16. The funds to the extent are available under the scheme.
17. The sanction issues in exercise of the powers delegated to the Council. It is also certified that grant-in-aid is being released in conformity with the rules and Principles of the scheme.
18. The Council does not permit engagement of any staff for the RPS project.
19. **It should be ensured that no RPS project in favour of the same P.I. has been sanctioned during the last 03 years before utilizing this amount and the matter be brought to the notice of this Council immediately.**

Yours sincerely,


(Vinita Arya)
Director (RIFD)

Note: The prescribed formats and Terms & Conditions are available in the application brochure.

Copy forwarded for information and necessary action to:

1. **THE PRINCIPAL
CHANDUBHAI S. PATEL INSTITUTE OF
TECHNOLOGY,
EDUCATION CAMPUS, AT & PO:
CHANGA, TA:PETLAD, DIST:ANAND,
GUJARAT-388421.**
2. ✓ **Dr. MAYUR SUTARIA
DEPT. OF MECHANICAL ENGINEERING,
CHANDUBHAI S. PATEL INSTITUTE OF
TECHNOLOGY,
EDUCATION CAMPUS, AT & PO: CHANGA,
TA:PETLAD, DIST:ANAND, GUJARAT-388421.**
3. **Office of Director General of Audit
GENERAL REVENUES,
AGCR BUILDING
I. P. STATE, NEW DELHI-110 002.**
4. **Guard File**

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GUJARAT COUNCIL ON SCIENCE AND TECHNOLOGY



सत्यमेव जयते

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/ 2015-16/ 2630

28th March, 2016

Mr. Dattatraya Subhedar,
Assistant Professor,
Department of Mechanical Engineering,
Chandubhai S Patel Institute Of technology,
Charotar University of science and Thechnology (CHARUSAT) -388421

Sub: Award of GUJCOST Minor Research Project Grant for the proposal on "Experimental investigation of Nanofluid thermal Conductivity Enhancement" by Mr. Dattatraya Subhedar.

Dear Sir,

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

With reference to your project proposal on "Experimental investigation of Nanofluid thermal Conductivity Enhancement" .GUJCOST is pleased to inform you that your proposal has been sanctioned for an amount of Rs.4,70,000/- for two years time period.

As per the GUJCOST MRP guidelines and for the disbursement of the grant, a Memorandum of Understanding (M.O.U) has to be signed between the Principal/ Head of the Institute, Principal Investigator of the project and GUJCOST on Rs. 100/- stamp paper with Notary registration. A draft MOU has been enclosed herewith for your reference.

We request you to please send us the signed copy of the MOU and bank detail at the earliest so that necessary financial assistance may be released.

Thanking you and with best regards.

Yours sincerely,

(Narottam Sahoo)

Encl.: As above

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



सत्यमेव जयते



Dr. Narottam Sahoo

Advisor & Member Secretary

No: GUJCOST/ MRP/ 2016-17/ 521

27th June, 2016

Prof. Vijaykumar Chaudhary

Head of Department,

Department of Mechanical Engineering,

Chandubhai S Patel Institute Of technology,

Charotar University of science and Technology (CHARUSAT)-388421

Sub: Release of first installment of the sanctioned grant for Minor Research Project 2015-16

Dear Sir,

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 "Experimental investigation of Nanofluid thermal Conductivity Enhancement" amounting Rs.4,60,000/-has been released through RTGS/NEFT to your Bank account directly vide online transaction on 27th June, 2016.

Further, on successful completion of 1st year of research work, If there is any delay in disbursing the 2nd year installment by GUJCOST, the concern institute should arrange to provide the necessary financial support (As approved by GUJCOST) to the PI to continue the work and to complete the project as per the project time schedule and duration. Once the GUJCOST grant is disbursed, the amount provided by institute shall be reimbursed accordingly.

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

Thanking you and with best regards.

Yours sincerely,

(Narottam Sahoo)

Copy to: Mr. Dattatraya Subhedar, Assistant Professor, Department of Mechanical Engineering, Chandubhai S. Patel Institute of Technology, Charotar University of science and Technology (CHARUSAT)

17/10
DS

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/ 2018-19/

10th October 2018

Prof. Vijaykumar Chaudhary
Head of Department,
Department of Mechanical Engineering,
Chandubhai S Patel Institute Of technology,
Charotar University of science and Technology (CHARUSAT)-388421

Sub: Release of second installment of the sanctioned grant for Minor Research Project 2015-16

Dear Sir,

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 "Experimental investigation of Nanofluid thermal Conductivity Enhancement" amounting Rs.10,000/- has been released through RTGS/NEFT to your Bank account directly vide online transaction on 27th September, 2018.

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

We also request you to please plan to complete the project work at the earliest and submit the report to GUJCOST accordingly.

Thank you and with best regards,

Yours sincerely,

(Narottam Sahoo)

Copy to: Mr. Dattatraya Subhedar, Assistant Professor, Department of Mechanical Engineering, Chandubhai S. Patel Institute of Technology, Charotar University of science and Technology (CHARUSAT)

Faculty of Sciences

No. BT/PR10877/AAQ/3/668/2014
 GOVERNMENT OF INDIA
 MINISTRY OF SCIENCE & TECHNOLOGY
 DEPARTMENT OF BIOTECHNOLOGY

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

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: "**Development of bio-inoculants based on the marine bacterial isolate Pseudomonas sp. OG101 for growth promotion and management of pathogenic Fusarium in plants**" for a period of 3 Year 0 Month at a total cost of Rs. **2723000** (Rupees Twenty Seven Lakhs Twenty Three Thousand Only) on the terms and conditions detailed here under:-

2 The Project :

2.1 Title : "**Development of bio-inoculants based on the marine bacterial isolate Pseudomonas sp. OG101 for growth promotion and management of pathogenic Fusarium in plants**"

2.2 Details of the Investigations:

Dr. Janki Navnit Thakker

PI

Biotechnology

Charotar Institute of Applied

Sciences

P. D. Patel Institute of Applied

2.3 Objectives:

1. Extensive validation at laboratory and field level on the plant growth promoting property of Pseudomonas sp OG based talc bio-formulation (Product no.1)
2. Extensive in vitro and in vivo assay of Pseudomonas sp OG as the bio-control agent of Fusarium sp. of plants
3. Development of Pseudomonas sp OG as bio-control agent in agriculture in the management of pathogenic Fusarium spp. (Product no.2)

2.4 Time Schedule:

The duration of the project is 3 Year 0 Month from the date of this sanction order.

2.5 Project Cost:

The total cost of the project is Rs. **2723000/-** (Rupees Twenty Seven Lakhs Twenty Three Thousand Only) as per details given below :

| Budget Head | Year I | Year II | Year III | Total(Rs.) |
|--------------------|-------------------|------------------|------------------|-------------------|
| Equipment | 549800.00 | | | 549800.00 |
| Manpower | 360000.00 | 360000.00 | 403200.00 | 1123200.00 |
| Overhead | 50000.00 | 30000.00 | 20000.00 | 100000.00 |
| Travel | 50000.00 | 50000.00 | 50000.00 | 150000.00 |
| Consumables | 300000.00 | 200000.00 | 200000.00 | 700000.00 |
| Contingency | 50000.00 | 30000.00 | 20000.00 | 100000.00 |
| Total (Rs.) | 1359800.00 | 670000.00 | 693200.00 | 2723000.00 |

2.6 Equipment:

The details of the equipment sanctioned for the implementation of the project at
Annexure-I

2.7 Manpower:

The details of the manpower sanctioned for the implementation of the project at
Annexure-II

3. Head of Account:

The **Non-Recurring** expenditure involved is debitable to:

| Demand No. 88 | Department of Biotechnology |
|-----------------------------|--|
| 3425 | Other Scientific Research 2015-2016 |
| 3425.60 | Others (Sub Major Head) |
| 3425.60.200 | Assistance to other Scientific Bodies (Minor Head) |
| 3425.60.200.29 | Assistance for Research & Development |
| 3425.60.200.29.17 | Assistance for Research & Development |
| 3425.60.200.29.17.35 | Grants for creation of capital Assets |

The **Recurring** expenditure involved is debitable to:

| Demand No. 88 | Department of Biotechnology |
|-----------------------------|--|
| 3425 | Other Scientific Research 2015-2016 |
| 3425.60 | Others (Sub Major Head) |
| 3425.60.200 | Assistance to other Scientific Bodies (Minor Head) |
| 3425.60.200.29 | Assistance for Research & Development |
| 3425.60.200.29.17 | Assistance for Research & Development |
| 3425.60.200.29.17.31 | Grants in Aid-General |

4. Terms & Conditions:

4.1 The other terms and conditions governing this sanction are attached at Annexure- III.

4.2A Memorandum of Agreement (MoA) will be signed between the Department of Biotechnology and the grantee institution on Non-Judicial stamp paper Rs. 100/- in the enclosed format and the second release/installment will be made only after signing of MoA by the grantee institutions and its acceptance by DBT. In case of NGO or Private Institution, MOA signed is mandatory first release. A format of the MoA is enclosed in Annexure-IV

- 4.3 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.
5. No International Travel will be undertaken from the sanctioned project grant unless specified otherwise.
6. The Director, Charotar Institute of Applied Sciences, Ahmedabad, Gujarat would be responsible for submission of Statements of Expenditure (SoE), utilization certificates (UC), Assets Certificates, Manpower staffing & expenditure details in prescribed DBT formats to DBT in respect of grants released in this project from time to time.
7. PI's of DBT sponsored projects can consider appointment of JRF from Category-II merit list of DBT-BET exam so that candidates can be paid fellowships at par with NET/GATE/BET qualified candidates as per DST OM No. A.SR/S9/Z-09/2012 dated on 21 Oct 2014. However, there is no compulsion on PI's to select candidates for JRF in their projects from Category-II of DBT-BET.
8. The accounts of grantee institution shall be open to inspection by the sanctioning authority/audit whenever the institute is called upon to do so by the sanctioning authority.
9. This issues under the power delegated to this Department and with the concurrence of IFD vide their SAN No. **102/IFD/SAN/4779/2015-2016** dated **March, 31 2016.**
10. This sanction order has been noted at serial no. _____ in the Register of Grants.

(Dr. A S Ninawe)
Adviser

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

Copy to:

- 1 The Principal Director of Audit (Scientific Departments), DACR Building, New Delhi- 110 002.
- 2 The Director, Charotar Institute of Applied Sciences, Education Campus, Changa 388 421, Gujarat, Ahmedabad - 388421, Gujarat
- 3 Dr. Janki Navnit Thakker, PI, Biotechnology, Charotar Institute of Applied Sciences, P. D. Patel Institute of Applied Sciences, Charotar University of Science and Technology, Changa, - 388421, Gujarat
- 4 Cash Section, DBT (2 copies).
- 5 Sanction Folder.
- 6 File Copy.

(Dr. A S Ninawe)
Adviser

Annexure -I

Details of the Equipment sanctioned for the implementation of the project titled "**Development of bio-inoculants based on the marine bacterial isolate Pseudomonas sp. OG101 for growth promotion and management of pathogenic Fusarium in plants**":

| Charotar Institute of Applied Sciences | | | |
|---|------------------------------|------------|------------------|
| SNo. | Name of Equipment | No. | Cost(Rs.) |
| 1. | Autoclave | 1 | 99800.00 |
| 2. | Uv Visible Spectrophotometer | 1 | 450000.00 |
| Total | | | 549800.00 |

(Dr. A S Ninawe)
Adviser

Annexure -II

Details of the manpower sanctioned for the implementation of the project titled "**Development of bio-inoculants based on the marine bacterial isolate Pseudomonas sp. OG101 for growth promotion and management of pathogenic Fusarium in plants**":

| Head | No. of Position | Year I | Year II | Year III | Total (Rs.) |
|---|------------------------|------------------|------------------|------------------|--------------------|
| Junior Research Fellow JRF -(One) @Rs. 25000/- PM +20% HRA for 1st & 2nd year | 1 | 360000.00 | 360000.00 | | 720000.00 |
| Senior Research Fellow SRF -(One) @Rs. 28,000/- PM +20% HRA for 3rd year | 1 | | | 403200.00 | 403200.00 |
| Total(Rs.) | | 360000.00 | 360000.00 | 403200.00 | 1123200.00 |

Emoluments detail of research personal(s) mentioned in table(s) of Annexure-II shall be applicable only if candidate(s) met educational qualification and eligibility criteria as per DST OM No.SR/S9/Z-09/2012 dated 21.10.2014.

(Dr. A S Ninawe)
Adviser

No. BT/PR10877/AAQ/3/668/2014
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY

1

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

Date:

RELEASE ORDER

In continuation of this Department's sanction order of even number dated Mar 31, 2016 sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rule, 1978, for the release of Rs. **549800.00** (Rupees Five Lakhs Fourty Nine Thousand Eight Hundred Only) being the first year release for the project entitled **"Development of bio-inoculants based on the marine bacterial isolate Pseudomonas sp. OG101 for growth promotion and management of pathogenic Fusarium in plants"**, being implemented by

Dr. Janki Navnit Thakker, Charotar Institute of Applied Sciences, P. D. Patel Institute of Applied Sciences, Charotar University of Science and Technology, Changa, - 388421, Gujarat

The detailed break-up is as given below:

| SNo | Institute Name | Non Recurring | | Total Release Amount (Rs) |
|-----|--|---------------|-------|---------------------------|
| | | Equipment | Other | |
| 1 | Charotar Institute of Applied Sciences | 549800.00 | 0.00 | 549800.00 |

2. The amount of Rs. **549800.00** /-(**Rupees Five Lakhs Fourty Nine Thousand Eight Hundred Only**) will be drawn by the Drawing & Disbursing Officer, DBT, from the Pay & Accounts Officer, DBT, and disbursed through RTGS as per following details:

The Director, Charotar Institute of Applied Sciences, Education Campus, Changa 388 421, Gujarat, Ahmedabad - 388421, Gujarat

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

3. The expenditure involved is debitable to:

| Demand No. 88 | Department of Biotechnology |
|-----------------------------|--|
| 3425 | Other Scientific Research 2015-2016 |
| 3425.60 | Others (Sub Major Head) |
| 3425.60.200 | Assistance to other Scientific Bodies (Minor Head) |
| 3425.60.200.29 | Assistance for Research & Development |
| 3425.60.200.29.17 | Assistance for Research & Development |
| 3425.60.200.29.17.35 | Grants for creation of capital Assets |

4. The Director, Charotar Institute of Applied Sciences, Ahmedabad, Gujarat will submit audited utilization certificates and statements of expenditure in respect of the above-mentioned amount.
5. The Accounts of grantee institution shall be open to inspection by the sanctioning authority/audit whenever the institute is called upon to do so by the sanctioning authority.

6. No International Travel will be undertaken from the sanctioned project grant unless specified otherwise.
7. The amount released under non-recurring head is to be utilized within period of 18 months from the release order.
In case of the whole or part of the amount of the grant-in-aid is being refunded, an interest at the rate of ten percent per annum thereon shall be recovered.
The other terms and conditions governing the financial sanction will remain unaltered.
8. This issues under the powers delegated to this Department and with the concurrence of IFD, DBT, vide their SAN No. **102/IFD/SAN/4780/2015-2016** dated **March, 31 2016.**
9. This sanction order has been noted at serial no. _____ in the Register of Grants.

(Dr. A S Ninawe)
Adviser

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 The Director, Charotar Institute of Applied Sciences, Education Campus, Changa 388 421, Gujarat, Ahmedabad - 388421, Gujarat
- 3 Dr. Janki Navnit Thakker, PI, Biotechnology, Charotar Institute of Applied Sciences, P. D. Patel Institute of Applied Sciences, Charotar University of Science and Technology, Changa, - 388421, Gujarat
- 4 Cash Section, DBT (2 copies).
- 5 Sanction Folder.
- 6 File Copy.

(Dr. A S Ninawe)
Adviser

ORDER

Subject: Financial assistance for the project entitled "Ferro Fluids : Science & Technology Applications" submitted by Dr. R.V.Upadhyay, Professor, Charotar University of Science & Technology, (CHARUSAT), P.D.Patel Institute of Applied Sciences & K.C.Patel R&D Centre, Education Campus, Changa- 388 421, Anand, Gujarat.

Sanction of the President is hereby accorded to the implementation of the aforesaid project at a total cost of ₹. 2,85,66,405/- (Rupees Two Crore Eighty Five Lakh Sixty Six Thousand Four Hundred and Five only) i.e ₹. 2,35,66,405/- (Rupees Two Crore Thirty Five lakh Sixty Six Thousand Four Hundred and Five only) as the share for DST, ₹. 30,00,000/- (Rupees Thirty Lakh only) as the share for host Institute (CHARUSAT), ₹. 10,50,000/- (Rupees Ten Lakh and Fifty Thousand only) as the share of M/s Plasma & Vacuum Technologies (PlasVac), Kathwad, Ahmedabad, Gujarat, ₹. 7,00,000/- (Rupees Seven Lakh only) as the share of M/s Boron Rubbers India, GIDC Chitra, Bhavnagar, Gujarat and ₹. 2,50,000/- (Rupees Two Lakh and Fifty Thousand only) as the share of M/s Boron Innovations Pvt.Ltd. Out of the DST's contribution of ₹. 2,35,66,405/- the break up of ₹. 1,50,05,605/- (Rupees One Crore Fifty Lakh Five Thousand Six Hundred and Five only) would be for the Creation of Capital Assets head and ₹. 85,60,800/- (Rupees Eighty Five Lakh Sixty Thousand and Eight Hundred only) under the Grant in Aid General head. The Item of expenditure for which the total allocation of ₹. 2,85,66,405/- has been approved for a period of 30 months is as given below:-

A. Non-recurring (Capital Items)

| HEAD | | 1st Year | TOTAL |
|-------|--|------------------|------------------|
| 1. | EQUIPMENTS : Vibrating sample magnetometer with low and high temperature attachments, Heat/thermal conductivity instrument, Planetary micro mill with grinding balls, 5 Kva UPS with one hour battery backup, Ten-delta & resistivity, and BDV tester, Motorized oil breakdown voltage tester 0-100 kV, 15 KVA/10KVA three/single phase servo stabilizer, digital pH meter parasitical pump rota metal motorized stirrer, design or purchase of moderate power transformer for testing the fluid and rare-earth magnets | ₹. 2,00,05,605/- | ₹. 2,00,05,605/- |
| Total | | | ₹. 2,00,05,605/- |

B. Recurring Items (General)

2. The overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and benefits to the staff employed in the project etc.

| | | BUDGET IN RUPEES (₹) | | | | | | |
|------|--|----------------------|----------|------------------------|-----------------------|----------|------------------------|---------|
| | | DST Contribution | | | Collaborator/Industry | | | TOTAL |
| SLNo | Item | 1st Year | 2nd Year | 3rd year (6 months) | 1st Year | 2nd Year | 3rd year (6 months) | DST |
| 1 | MANPOWER | | | | | | | |
| | JRF - 04 No. @ ₹. 16,000/-p.m. + 10% H.R.A. for 1 st two years and ₹. 18,000/- p.m. + 10% HRA for the 3 rd year as SRF | 844800 | 844800 | 211200 | 0 | 0 | 0 | 1900800 |
| | Project Assistant-Level-II 02 Nos @ ₹. 8000/- P.M. (Fixed) | 192000 | 192000 | 96000 | 0 | 0 | 0 | 480000 |
| 2 | Consumables | 1800000 | 950000 | 0 | 0 | 0 | 0 | 2750000 |
| 3 | Travel | 30000 | 30000 | 30000 | 0 | 0 | 0 | 90000 |
| 4 | Other costs | 2450000 | 300000 | 0 | 0 | 0 | 0 | 2750000 |
| 5 | Contingency | 30000 | 30000 | 30000 | 0 | 0 | 0 | 90000 |
| 6 | Overhead charges @ 20% of total cost of the project | 200000 | 200000 | 100000 | 0 | 0 | 0 | 500000 |
| | Grand Total | 5546800 | 2546800 | 467200 | 0 | 0 | 0 | 8560800 |

R. Sharma
22/8/2012

P.T.O

3. Sanction of the President is accorded for the payment of ₹. 1,50,05,605/- (Rupees One Crore Fifty Lakh Five Thousand Six Hundred and Five only) under 'Grants for Creation of Capital Assets' and ₹. 55,46,800/- (Rupees Fifty Five Lakh Forty Six Thousand and Eight Hundred only) under 'Grants-in-Aid General' being the first installment of the grant for the year 2012-13 for implementation of the said research project by Charotar University of Science & Technology (CHARUSAT), Anand, Gujarat.

4. The sanction of the grant is subjected to the conditions mentioned in annexure-I.

5. The amount of ₹. 55,46,800/- (Rupees Fifty Five Lakh Forty Six Thousand and Eight Hundred only) will be transferred to the Registrar, Charotar University of Science & Technology (CHARUSAT), Changa- 388 421, Gujarat through Bank Account Number : 30266462404, State Bank of India, IFSC Code : SBIN0004084, MICR Code : 388002003 Branch : SPL COMMERCIAL BRANCH.

6. The amount involved is debitable to:

| Demand No.85 | Department of Science & Technology |
|--------------|--|
| 3425 | OTHER SCIENTIFIC RESEARCH (MINOR HEAD) |
| 60 | OTHERS (SUB - MAJOR HEAD) |
| 60.200 | ASSISTANCE TO OTHER SCIENTIFIC BODIES (MINOR HEAD) |
| 26 | GRANTS-IN-AID FOR TECHNOLOGY DEVELOPMENT PROGRAMME |
| 26.00.31 | GRANTS-IN-AID GENERAL (PLAN) 2012-2013 (TDT) |

7. The sanction has been issued under the powers delegated to the Ministries and with the concurrence of the Integrated Finance Division of Department of Science & Technology vide sanction No. 100/IFD/3191/2012-2013 dated 16.08.2012 and with the approval of Head (TDT) vide his diary No. 263 dated 28.05.2012.

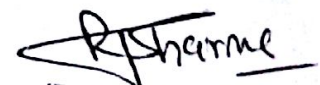
8. The institute will furnish to the DST, utilization certificate and audited statement of accounts pertaining to the grant immediately after the end of each financial year.

9. "The Institute/Agency will maintain separate audited accounts for the project and would keep the whole of the grant in a Bank Account earning interest, the interest earned should be reported to the DST. The interest thus earned will be treated as a credit to the Institute/Agency to be adjusted towards further installment of the grant".

10. As PER Rule 211 GFRs, the account of the project shall be open to inspection by the sanctioning authority/audit whenever the institution is called upon to do so

11. As per GFR-39, the sanction has been entered in the grants register maintained by the Technology Development & Transfer (TDT) Division and the serial number assigned in the register for the sanction is 54.

The Pay & Accounts Officer
Department of Science & Technology
New Delhi -110 016.

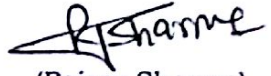

(Rajeev Sharma)
Scientist-C

Copy for information and necessary action:

1. Cash Section (3 copies) for preparing the bill and remitting the amount to the above grantee.

Contd...3/-

2. Accounts Section, DST, New Delhi.
3. IFD, DST, New Delhi.
4. Director of audit (CW&M-II) AGCR Building, IP Estate, New Delhi.
5. Registrar, Charotar University of Science & Technology (CHARUSAT), Changa- 388 421, Gujarat.
- ✓ 6. Dr. R.V.Upadhyay, Professor, Charotar University of Science & Technology, (CHARUSAT), P.D.Patel Institute of Applied Sciences & K.C.Patel R&D Centre, Education Campus, Changa- 388 421, Anand, Gujarat.
7. The Proprietor, Plasma & Vacuum Technologies (PlasVac), Plot No. 17, Road 1 Cross Road 'A', Phase I, GIDC Kathwada, Ahmedabad- 382 430, Gujarat.
8. M/s Boron Rubbers India, Plot No. 52, GIDC Chitra, Bhavnagar- 364 004, Gujarat.
9. Executive Director, M/s Boron Innovations Pvt. Ltd, 603, Shrinathji Park, Atabhai Road, Bhavnagar-364 002, Gujarat.
10. Dr. G.J.Samathanam, Advisor & Head (TDT Division), Department of Science & Technology, New Mehrauli Road, New Delhi-110016.
11. Sanction folder (Mr. C. Madhusudhanan, JTA, DST).
12. FICCI Cell, DST.


(Rajeev Sharma)
Scientist-C

No. DST/TSG/FF/2011/161
Government of India
Ministry of Science & Technology
Department of Science & Technology

Technology Bhavan
New Mehrauli Road
New Delhi- 110 016
Dated: 19.06.2015

ORDER

Subject: Financial assistance for the project entitled "Ferro Fluids : Science & Technology Applications" submitted by Dr. R.V.Upadhyay, Professor, Charotar University of Science & Technology, (CHARUSAT), P.D.Patel Institute of Applied Sciences & K.C.Patel R&D Centre, Education Campus, Changa- 388 421, Anand, Gujarat.

In continuation to this Department's sanction order of even number dated 22.08.2012 and 10.06.2014, sanction of the President is hereby conveyed for the release of ₹. 9,75,000/- (Rupees Nine Lakh and Seventy Five Thousand only) under the **Grant-in-Aid General** to the Registrar, Charotar University of Science & Technology (CHARUSAT), Changa- 388 421, Gujarat towards next installment of the grant.

2. It is also certified that this is the **Third sanction** and as per the provision of GFR 212(1) relating to U.C. for the fund released under the project have been satisfied and the U.C's are being enclosed with the order to Pay & Accounts Officer of Department of Science & Technology, New Delhi.

3. Sanction of the President is also accorded to carry forward the unspent balance amount of ₹. 1,48,060/- (Rupees One Lakh Forty Eight Thousand and Sixty only) from the last financial year 2014-2015 to financial year 2015-2016 for being utilized in the expenses of the project.

4. The project would be monitored by the monitoring committee appointed by Department of Science and Technology, Govt. of India.

5. The amount is debitable to :-

| | |
|--------------|--|
| Demand No.86 | Department of Science & Technology |
| 3425 | OTHER SCIENTIFIC RESEARCH (MAJOR HEAD) |
| 60 | OTHERS (SUB - MAJOR HEAD) |
| 60.200 | ASSISTANCE TO OTHER SCIENTIFIC BODIES (MINOR HEAD) |
| 26 | TECHNOLOGY DEVELOPMENT PROGRAMME |
| 26.01 | TECHNOLOGY DEVELOPMENT & TRANSFER |
| 26.01.31 | GRANTS-IN-AID GENERAL (PLAN) 2015-2016 (TSG) |

6. The amount of ₹. 9,75,000/- (Rupees Nine Lakh and Seventy Five Thousand only) will be transferred to the Registrar, Charotar University of Science & Technology (CHARUSAT), Changa- 388 421, Gujarat through Bank Account Number : 30266462404, State Bank of India, IFSC Code : SBIN0004084, MICR Code : 388002003 Branch : SPL COMMERCIAL BRANCH.


7. The sanction has been issued under the powers delegated to the Ministries and with the concurrence of the Integrated Finance Division of Department of Science & Technology vide Concurrence No. C/1399/IFD/2015-2016 dated 19.06.2015 and with the approval of Head (TDT) vide his diary No. 437 dated 17.06.2015.

[Signature]

P.T.O

8. As per GFR-39, the sanction has been entered in the grants register maintained by the Technology Development & Transfer (TDT) Division and the serial number assigned in the register for the sanction is 45.

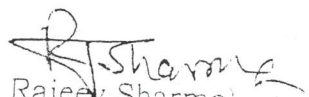
9. It is certified that all the Utilization Certificate in regard of all schemes/programmes/projects, present and previous pertaining to the institute have been received. No UC is pending against the organization as per the details in PFMS also.


(Dr. Rajeev Sharma)
Scientist-D

The Pay & Accounts Officer
Department of Science & Technology
New Delhi -110 016.

Copy for information and necessary action:

1. Cash Section (3 copies) for preparing the bill and remitting the amount to the above grantee.
2. Accounts Section, DST, New Delhi.
3. IFD, DST, New Delhi.
4. Director of audit (CW&M-II) AGCR Building, IP Estate, New Delhi.
5. Registrar, Charotar University of Science & Technology (CHARUSAT), Changa- 388 421, Gujarat.
- ✓ 6. Dr. R.V. Upadhyay, Professor, Charotar University of Science & Technology (CHARUSAT), P.D. Patel Institute of Applied Sciences & K.C. Patel R&D Centre, Education Campus, Changa- 388 421, Anand, Gujarat.
7. The Proprietor, Plasma & Vacuum Technologies (PlasVac), Plot No. 17, Road 1 Cross Road 'A', Phase I, GIDC Kathwada, Ahmedabad- 382 430, Gujarat.
8. M/s Boron Rubbers India, Plot No. 52, GIDC Chitra, Bhavnagar- 364 004, Gujarat.
9. Executive Director, M/s Boron Innovations Pvt. Ltd, 603, Shrinathji Park, Atabhai Road, Bhavnagar-364 002, Gujarat.
10. Sanction folder (Mr. C. Madhusudhanan, JTA, DST).


(Dr. Rajeev Sharma)
Scientist-D

No: GUJCOST/MRP/15-16/1913

Gujarat Council on Science and Technology,
Block B, 7th Floor, M S Building,
Near Pathikashram, Sector 11,
Gandhinagar – 382 011.

Date: 16-1-16

Reference: (1) Minor Research Project proposal dated 21/10/2014.
(2) GUJCOST Note Dated 7th January, 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 "Development of solution-Based ZnO Nanostructures as light harvesters for Low-cost solar Photovoltaics" from Dr. Anjana Kothari from Dr.K.C.Patel Research and Development Center, Changa under the Minor Research Project Scheme. On the basis of recommendation of technical experts and approval by GUJCOST Note, Dated 16th March, 2015 financial assistance Rs.4,50,000/- (Rupees Four lakh fifty thousand 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 | 1,10,000 | 2,60,000 |
| (2) | Travel | 15,000 | 15,000 | 30,000 |
| (3) | Other Costs | 85,000 | 75,000 | 1,60,000 |
| (4) | Equipments | - | - | - |
| Grand Total | | 2,50,000 | 2,00,000 | 4,50,000 |

Permission is hereby granted for release of grant of Rs. 2,50,000/- for first year, and Rs. 2,00,000/- 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.

3.1.3
2016-17

The Cheque / DD of Rs. 2,50,000/- (Rupees two lakh fifty thousand only) shall be issued in favor of " Dr.K.C.Patel Research and Development Center" payable at ,Changa.

The expenditure involved is debitable to:

Demand No. 90:

Major Head-3425-other-Scientific Research,
60-other-200-Assistance to other Scientific Institutes
(02) STP (19) Gujarat Council on Science & Technology,
5000 - Other charges (Plan).

The sanction has been issued under the powers delegated to the Advisor by Governing Board meeting dated 15/02/2000 Agenda No: 10-13.

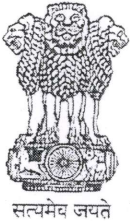


Dr. Narottam Sahoo
Member Secretary & Advisor

Copy to:

1. Dy. Accountant, GUJCOST, Gandhinagar (Three Copies).
2. Dr. Anjana Kothari from Dr.K.C.Patel Research and Development Center ,Changa
3. Office file.

GUJARAT COUNCIL ON SCIENCE AND TECHNOLOGY



सत्यमेव जयते

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 and Member Secretary

No. GUJCOST/MRP/2015-16/1932

18th January, 2016

Dr. Anjana Kothari

Research Scientist,

CHARUSAT- Education Campus Changa,

Dr. K. C. Patel Research and Development Centre,

Changa, Anand-388421

Sub: Release of first installment of the sanctioned grant for Minor Research Project 2014-15.

Ref: GUJCOST letter dated on 30th March, 2015

Dear 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 "Development of solution-Based ZnO Nanostructures as light harvesters for Low-cost solar Photovoltaics" amounting Rs. 2,50,000/- has been released through RTGS/NEFT to your Bank account directly vide online transaction on 18th January, 2016.

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)

2nd Installment

Technology Bhavan
New Mehrauli Road
New Delhi – 110 016.

Dated: December 18, 2012

ORDER

Subject: Financial Sanction of the research project titled "Identification of hydroxycitric acid (HCA) producing bacteria and probing its HCA biosynthetic mechanisms" under the guidance of Dr.(Ms.) Aditi D. Buch, Deptt. of Biochemistry, P.D. Patel Institute of Applied Sciences, Charotar University of Science & Technology, At. & Po. Changa, Petlad, Anand-388421, Gujarat.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of **Rs. 23,00,000/- (Rs. Twenty Three Lakh Only)** with break-up of **Rs. 7,40,000/- under Capital head** and **Rs. 15,60,000/- under General head** for a duration of three years. The items of expenditure for which the total allocation of **Rs. 23,00,000/-** has been approved for a period of three years, are given below:

| Sl. No | Head | Total(in Rs.) |
|----------|--|------------------|
| A | Non-recurring (Capital Items) | |
| 1 | Equipment UV-Visible Spectrophotometer, Probe Sonicator | 7,40,000 |
| A' | Total (Capital) | 7,40,000 |
| B | Recurring Items (General) | |
| 1 | General – A (Manpower, Consumables, Travel, Contingencies, Analytical/Biological Analysis Charges) | 12,60,000 |
| 2 | General – B (Overhead Charges) | 3,00,000 |
| B' | Total (General) | 15,60,000 |
| C | Total cost of the project (A' + B') | 23,00,000 |

2. Sanction of the SERB is also accorded to the payment of **Rs. 7,40,000/- (Rs. Seven Lakh Forty Thousand Only)** under 'Grants for creation of Capital assets' and **Rs. 50,000/- (Rs. Fifty Thousand Only)** under 'Grants-in-aid -General' to the PDPIAS, CHARUSAT, CHANGA being the grant for the year 2012-13 for implementation of the said research project.

3. The expenditure involved is debitable to

Grant-in-aid for the year 2012-13 (Plan Expenditure- Capital) - Rs. 7,40,000/-

&

Grant-in-aid for the year 2012-13 (Plan Expenditure- General) - Rs. 50,000/-

This release is made under OYS Scheme.

4. The Sanction has been issued with the approval of the competent authority under delegated powers and vide Diary No. SERB/F/5174/2012-13 dated 18.12.2012.

5. Sanction of the grant is subject to the conditions as detailed in Annexure – I.

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 General-A should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. The total release amount of **Rs. 7,90,000/- (Rs. Seven Lakh Ninety Thousand Only)** will be drawn by the Drawing & Disbursing Officer of the SERB and will be disbursed by means of cheque/DD favoring **"PDPIAS, CHARUSAT, CHANGA"** and will be sent to **Principal, P.D. Patel Institute of Applied Sciences, Charotar University of Science & Technology, At. & Po. Changa, Petlad, Anand-388421.**

9. 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.

10. The institute will furnish to the SERB, New Delhi, Utilization certificate and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

11. 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 etc. beyond the duration of the project.

12. The institute will maintain separate audited accounts for the project. It is found expedient to keep a part or whole of grant in a separate bank account earning interest. The interest earned should be reported to the SERB, New Delhi. The interest thus earned will be treated as a credit to the institute to be adjusted towards further installment of the grant.

13. The sanctioned equipments would be procured as per GFR and its disposal would be done with prior approval of SERB.

14. The project File no. **SR/FT/LS-92/2012** may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

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

Jacob V.V.
(Jacob V.V.)
Scientist-D

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 | Copy with two spare copies of the sanction to the Drawing and Disbursing Officer, SERB, New Delhi |
| 3 | Pay Accounts Officer, SERB, New Delhi |
| 4 | Sanction Folder, SERB, New Delhi. |
| 5 | File Copy |
| 6 | Dr.(Ms.) Aditi D. Buch Deptt. of Biochemistry P.D. Patel Institute of Applied Sciences, Charotar University of Science & Technology At. & Po. Changa, Petlad Anand-388421, Gujarat (Start date of the project may be intimated by name to the undersigned.) |
| 7 | Principal, P.D. Patel Institute of Applied Sciences, Charotar University of Science & Technology, At. & Po. Changa, Petlad, Anand-388421, Gujarat (Receipt of Cheque/DD may be intimated by name to the undersigned.) |

Jacob V.V.
(Jacob V.V.)



Aditi Buch <aditibuch.biochem@charusat.ac.in>

RTGS/NEFT UTR/ TRANS No. – File No. SR/FT/LS-92/2012**Finance Wing, SERB** <finance@serb.gov.in>

To: aditibuch.biochem@charusat.ac.in, buch_aditi@yahoo.com

Cc: "DR. PRAMOD KUMAR PRASAD, SCIENTIST- 'C'" <pk.prasad@serb.gov.in>

Wed, Sep 9, 2015 at 2:29 PM

Mr/Ms/Prof/Dr.**ADITI D BUCH****D/o BIOCHEMISTRY,****P D PATEL INSTITUTE OF APPLIED SCIENCES,****ANAND - 388421****Subject: RTGS/NEFT UTR/ TRANS No. – File No. SR/FT/LS-92/2012****Sir/Madam,**

I am directed to refer to **Science & Engineering Research Board (SERB)** sanction order no. **SR/FT/LS-92/2012** dated **03-08-2015** and forward herewith the following for information and necessary action:

RTGS/NEFT UTR/Transaction no.: UBINH15244347671 / SAA154044843 dated 01-09-2015.**₹ 550000/- (RUPEES FIVE LAKH FIFTY THOUSAND ONLY)****Bill no. GIA/2251 dated 12-08-2015****SERB/F/2522/2015-16****CONFIRMATION OF RECEIPT OF GRANTS MAY KINDLY BE SENT BY EMAIL ONLY.**

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.**

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)
5 & 5A, Lower Ground Floor, Vasant Square Mall,
Vasant Kunj, New Delhi 110070

USE LESS PAPER, PLANT MORE TREES, SAVE PLANET EARTH

--
for
Finance & Budget Officer
Science & Engineering Research Board (SERB)
(A statutory body under the Government of India's Department of Science & Technology)
5 & 5-A, Lower Ground Floor, Vasant Square Mall
Vasant Kunj, New Delhi 110070
INDIA
+91-11-40000328-9
+91-9818223293
+91-9818223294



Aditi Buch <aditibuch.biochem@charusat.ac.in>

RTGS/NEFT UTR/ TRANS No. – File No. SR/FT/LS-92/2012**Finance Wing, SERB** <finance@serb.gov.in>

Mon, Mar 21, 2016 at 3:33 PM

To: aditibuch.biochem@charusat.ac.in, buch_aditi@yahoo.com

Cc: "DR. PRAMOD KUMAR PRASAD, SCIENTIST- 'C'" <pk.prasad@serb.gov.in>

Mr/Ms/Prof/Dr.**ADITI D BUCH****D/o BIOCHEMISTRY,****P D PATEL INSTITUTE OF APPLIED SCIENCES,****ANAND -****GUJARAT****Subject: RTGS/NEFT UTR/ TRANS No. – File No. SR/FT/LS-92/2012****Sir/Madam,**

I am directed to refer to **Science & Engineering Research Board (SERB)** sanction order no. **SR/FT/LS-92/2012** dated **10-03-2016** and forward herewith the following for information and necessary action:

RTGS/NEFT UTR/Transaction no.: UBINH16078223178 / SAA187676910 dated 18-03-2016.

□ **38552/- (RUPEES THIRTY EIGHT THOUSAND FIVE HUNDRED FIFTY TWO ONLY)** transferred to A/c No. : 30875081005 , Bank Name/Branch : **STATE BANK OF INDIA, CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY CHANGA, TA-PETLAD, DIST-ANAND, GUJARAT**

Bill no. GIA/7488 dated 14-03-2016**SERB/F/8355/2015-16****CONFIRMATION OF RECEIPT OF GRANTS MAY KINDLY BE SENT BY EMAIL ONLY.**

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.**

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)****5 & 5A, Lower Ground Floor, Vasant Square Mall,****Vasant Kunj, New Delhi 110070****USE LESS PAPER, PLANT MORE TREES, SAVE PLANET EARTH**

--

for
Finance & Budget Officer
Science & Engineering Research Board (SERB)
(A statutory body under the Government of India's Department of Science & Technology)
 5 & 5A, Lower Ground Floor, Vasant Square Mall
 Vasant Kunj, New Delhi 110070
 INDIA
 +91-11-40000328-9
 +91-9818223293
 +91-9818223294

NO. SR/FT/LS-35/2012
SCIENCE & ENGINEERING RESEARCH BOARD

Technology Bhavan
New Mehrauli Road
New Delhi - 110 016.

Dated: December 12, 2012

ORDER

Subject: Financial Sanction of the research project titled "Implication of P glycoprotein modulation by phytochemicals to increase bioavailability of drug in hyperglycemic stress" under the guidance of **Dr. Jagdish S. Patel**/ Deptt. of Biochemistry, P. D. Patel Institute of Applied Sciences, Charotar University of Science & Technology, Post- Changa, Petlad Distt. Anand-388421, Gujarat.

In supersession of sanction order of even number dated September 18, 2012, sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of **Rs. 16,10,000/- (Rs. Sixteen Lakh Ten Thousand Only)** with break-up of **Rs. 1,23,000/-** under Capital head and **Rs. 14,87,000/-** under General head **for a duration of three years**. The items of expenditure for which the total allocation of **Rs. 16,10,000/-** has been approved for a period of **three years**, are given below:

| Sl. No | Head | Total (in Rs.) |
|--------|--|----------------|
| A | Non-recurring (Capital Items) | |
| 1 | Equipment Spectrofluorometer, Analytical balance | 1,23,000 |
| A' | Total (Capital) | 1,23,000 |
| B | Recurring Items (General) | |
| 1 | General - A (Manpower, Consumables, Travel, Contingencies, Analytical/Biological Analysis Charges) | 12,17,000 |
| 2 | General - B (Overhead Charges) | 2,70,000 |
| B' | Total (General) | 14,87,000 |
| C | Total cost of the project (A' + B') | 16,10,000 |

2. Sanction of the SERB is also accorded to the payment of **Rs. 1,23,000/- (Rs. One Lakh Twenty Three Thousand Only)** under 'Grants for creation of Capital assets' and **Rs. 50,000/- (Rs. Fifty Thousand Only)** under 'Grants-in-aid -General' to the PDPIAS, Charusat being the grant for the year 2012-13 for implementation of the said research project.

3. The expenditure involved is debitable to

Grant-in-aid for the year 2012-13 (Plan Expenditure- Capital) - Rs. 1,23,000/-

&

Grant-in-aid for the year 2012-13 (Plan Expenditure- General) - Rs. 50,000/-

This release is made under OYS Scheme.

4. The Sanction has been issued with the approval of the competent authority under delegated powers and vide Diary No. SERB/F/5069/2012-13 dated 11.12.2012.

5. Sanction of the grant is subject to the conditions as detailed in Annexure - I.

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.

Contd...2/-

P. D. PATEL INSTITUTE OF APPLIED SCIENCES

Date : 17/06/2021

Account Group Ledger

For period from 01/04/2015 To 31/03/2016

| Vou. Date | Type | Description | Debit Amount | Credit Amount |
|---------------|--|--|--------------|---------------|
| Vou. No | | | | |
| Group Name | : L-01-000-0000 - FUNDS | | | |
| Subgroup Name | : L-01-002-0000 - PROJECT FUND | | | |
| Account Name | : L-01-002-0014 - DST PROJECT FOR SR/FT/LS-35/2012 | | | |
| | | Op Balance | | |
| 20/07/2015 | SBIC/BR | CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY | | 500,000.00 |
| 13 /15/001289 | | AMOUNT RECEIVED FROM DST-NEWDELHI FOR THE PROJECT OF DR.JAGDISHBHAI PATEL (PDPIAS) NAME OF "DST PROJECT FOR SR/FT/LS-35/2012 DR.JAGDISHBHAI" AS PER BANK STATEMENT. RECD. FROM DST PROJECT FOR SR/FT/LS-35/2012 DR.JAGDISHBHAI | | |
| 13/08/2015 | CASH/CP | POSTED TO CSAT S.B.I. - CHANGA [30875081005] CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY | 7,628.00 | |
| 1 /15/009393 | | EXPEN FOR TRAVELLING+HOSTEL STAY+FOOD & REFRESHMENT+OYHER EXPEN FOR VISIT TO DR.JOBAN.K.MODHA FOR DISCUSSION REGARDING ONGOING DST RESEARCH PROJECT & DISCUSSION FOR FUTURE COLLABORATIVE RESEARCH PLAN PAID TO MR.JAGDISH.S.PATEL | | |
| 13/08/2015 | CASH/CP | POSTED TO CSAT CASH BOOK CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY | 833.00 | |
| 1 /15/009393 | | EXPEN FOR STATIONERY PURCH & TRAVELLING CHAR..FOR DST PROJECT USE PAID TO MR.JAGDISH.S.PATEL | | |
| 13/08/2015 | CASH/CP | POSTED TO CSAT CASH BOOK CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY | 162.00 | |
| 1 /15/009393 | | EXPEN FOR POSTAGE & XEROX BILL CHAR..FOR SUBMISSION OF DST PROJECT USE PAID TO MR.JAGDISH.S.PATEL | | |
| 12/10/2015 | GOOD/PI | POSTED TO CSAT CASH BOOK MANISHA ENTERPRISE POSTED TO CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY | 5,495.00 | |
| 21 /15/000106 | | BILL NO.: RI/15-16/282 DT. 2015-08-27 PURCHASE CHEMICALS & GLASSWARE FOR DST PROJECT | | |
| 12/10/2015 | GOOD/PI | MANISHA ENTERPRISE POSTED TO CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY | 274.75 | |
| 21 /15/000106 | | BILL NO.: RI/15-16/282 DT. 2015-08-27 VAT @5.00 FOR PURCHASE CHEMICALS & GLASSWARE FOR DST PROJECT | | |
| 12/10/2015 | GOOD/PI | GENERAL TRADE AGENCY POSTED TO CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY | 11,951.00 | |
| 21 /15/000107 | | BILL NO.: R/0602/15-16 DT. 2015-09-03 PURCHASE CHEMICALS & GLASSWARE FOR DST PROJECT | | |
| 12/10/2015 | GOOD/PI | GENERAL TRADE AGENCY POSTED TO CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY | 597.55 | |
| 21 /15/000107 | | BILL NO.: R/0602/15-16 DT. 2015-09-03 VAT @5.00 FOR PURCHASE CHEMICALS & GLASSWARE FOR DST PROJECT | | |

No. BT/PR5795/PID/6/664/2012
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY

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

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 "**Rare sugar production using isomerases and epimerase**" for a period of 3 Year 0 Month at a total cost of Rs. **3151600** (Rupees Thirty One Lakhs Fifty One Thousand Six Hundred Only) on the terms and conditions detailed here under:-

2 The Project :

2.1 Title : "Rare sugar production using isomerases and epimerase"

2.2 Project Investigator :

Dr. Darshan H Patel

PI

Biochemistry

P.D. Patel Institute of Applied Sciences

Charotar University of Science and Technology

Changa, Anand -

388421, Gujarat

CO-PI:

Dr. R B Subramanian

Professor

School of Biosciences

Sardar Patel University

, Vallabh Vidhyanagar - 388120, Gujarat

2.3 Objectives:

1. Screening of microorganism for efficient isomerase.
2. Identification of microorganism.
3. Cloning, expression and purification of recombinant proteins.
4. Characterization of proteins.
5. Bioconversion by two step isomerization and epimerization.
6. Purification of sugar from reaction mixture.

2013-to-2016

DBT project

2.4 Time Schedule:

The duration of the project is 3 Year 0 Month from the date of this sanction order.

2.5 Project Cost:

The total cost of the project is Rs. **3151600/-** (Rupees Thirty One Lakhs Fifty One Thousand Six Hundred Only) as per details given below :

| Budget Head | Year I | Year II | Year III | Total(Rs.) |
|--------------------|-------------------|------------------|------------------|-------------------|
| Equipment | 1500000.00 | | | 1500000.00 |
| Manpower | 158400.00 | 158400.00 | 184800.00 | 501600.00 |
| Travel | 30000.00 | 30000.00 | 40000.00 | 100000.00 |
| Consumables | 300000.00 | 300000.00 | 300000.00 | 900000.00 |
| Contingency | 50000.00 | 50000.00 | 50000.00 | 150000.00 |
| Total (Rs.) | 2038400.00 | 538400.00 | 574800.00 | 3151600.00 |

(2015-16)

P. D. PATEL INSTITUTE OF APPLIED SCIENCES

Date : 17/06/2021

Account Group Ledger

For period from 01/04/2015 To 31/03/2016

| Vou. Date Vou. No | | | Type | Description | Debit Amount | LIABILITY Credit Amount |
|--|---------|--|------|-------------|-----------------|-------------------------------|
| Group Name : L-01-000-0000 - FUNDS | | | | | | |
| Subgroup Name : L-01-002-0000 - PROJECT FUND | | | | | | |
| Account Name : L-01-002-0025 - DBT PROJECT BT/PR5795/PID/6/664/2012 | | | | Op Balance | | |
| 28/10/2015 | GOOD/PI | SAMIR TECH - CHEM PVT. LTD POSTED TO CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY BILL NO.: 254/11 DT. 2015-08-31 VAT @5.00 FOR METHANOL, GLYCERIN ETC. CHEMICALS & GLASSWARE PURCHASE FOR DBT PROJECT | | | 31.20 | |
| 21 /15/000120 | | | | | | |
| 28/10/2015 | GOOD/PI | STERLING BIOLOGICALS POSTED TO CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY BILL NO.: 507/15-16 DT. 2015-09-04 PURCHASE CHEMICALS & GLASSWARE FOR DBT PROJECT | | | 3,610.78 | |
| 21 /15/000121 | | | | | | |
| 28/10/2015 | GOOD/PI | STERLING BIOLOGICALS POSTED TO CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY BILL NO.: 507/15-16 DT. 2015-09-04 VAT @5.00 FOR PURCHASE CHEMICALS & GLASSWARE FOR DBT PROJECT | | | 180.54 | |
| 21 /15/000121 | | | | | | |
| 05/12/2015 | SBIC/BR | CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY | | | | 432,400.00 |
| 13 /15/001921 | | AMOUNT RECEIVED FROM DST FOR MR.DARSHAN PATEL PROJECT NAMELY DBT PROJECT/PR5795/664/2012 BY NEFT. AS PER BANK STATEMENT. RECD. FROM DST PROJECT664/2012 DARSHAN PATEL | | | | |
| 14/12/2015 | GOOD/PI | POSTED TO CSAT S.B.I. - CHANGA [30875081005] GENERAL TRADE AGENCY POSTED TO CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY BILL NO.: R/0874/15-16 DT. 2015-11-05 PURCHASE CHEMICALS & GLASSWARE FOR DST PROJECT | | | 1,976.25 | |
| 21 /15/000161 | | | | | | |
| 14/12/2015 | GOOD/PI | GENERAL TRADE AGENCY POSTED TO CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY BILL NO.: R/0874/15-16 DT. 2015-11-05 VAT @5.00 FOR PURCHASE CHEMICALS & GLASSWARE FOR DST PROJECT | | | 98.81 | |
| 21 /15/000161 | | | | | | |
| 14/12/2015 | GOOD/PI | PHENOMENEX INC. POSTED TO CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY BILL NO.: ININ1536744 DT. 2014-11-23 PURCHASE REZEX RCM-MONOSACCHARIDE CA+2 FOR DBT PROJECT | | | 53,675.00 | |
| 21 /15/000162 | | | | | | |
| 14/12/2015 | GOOD/PI | PHENOMENEX INC. POSTED TO CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY BILL NO.: ININ1536744 DT. 2014-11-23 VAT @5.00 FOR PURCHASE REZEX RCM-MONOSACCHARIDE CA+2 FOR DBT PROJECT | | | 2,683.75 | |
| 21 /15/000162 | | | | | | |
| 14/12/2015 | GOOD/PI | DUTT ENTERPRISE POSTED TO CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY BILL NO.: NRI-163 DT. 2015-10-27 PURCHASE AMICON ULTRA FOR DBT PROJECT | | | 11,400.00 | |
| 21 /15/000163 | | | | | | |

Faculty - View Offer Letter

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
Department of Science & Technology
Technology Bhavan, New Mehrauli Road
New Delhi - 110016

Date: 29 July, 2014

Subject: INSPIRE Faculty Award - Offer letter

Dear Dr. Hilor Subhash Pathak

Government of India has launched a unique scheme "**Innovation in Science Pursuit for Inspired Research(INSPIRE)**" with several components. INSPIRE Faculty Scheme is one such component of INSPIRE Programme which offers a contractual research award for carrying out independent research to young achievers. Guidelines of the INSPIRE Faculty scheme and award is available at the website: www.inspire-dst.gov.in. Based on your application followed by the due selection process, **I am pleased to inform you that you have been selected for INSPIRE Faculty Award.**

A compensation matching cost equivalent to that of Assistant Professor of an IIT at the time of entry, along with Rs. 3500000 (@ Rs. 700000/year) of research grant shall be offered to each Awardee. The Faculty Award is tenable for a period of five years from the date of joining the Faculty position. However, each Awardee as well as the Host Institute will be required to sign an 'UNDERTAKING' for implementation of this Faculty Award.

Each awardee will be required to inform **DST** on acceptance of the Award within 3 months from the date of this offer. This includes finalization of the Host Institute for implementation of this Award and joining at the selected Host Institute. In case Awardee does not inform DST within 3 months, the Award offer shall automatically be forfeited. Please note that the Host Institution shall be other than the Institute/ University/ Laboratory where you have completed your PhD work/degree.

You are requested to take necessary action towards implementing this Award. Towards this the following documents are required to upload at portal (www.online-inspire.gov.in), so that necessary funds can be released to Host Institute from our end:

Details of Bank Account of the Host Institute (not for individual Awardees)

Duly signed 'UNDERTAKING'

Break-up on usage of Research Grant @ Rs. 700000 / year for 5 years (year-wise without clubbing)

Joining Report (Duly authenticated)

Login-ID and Password used at the time of submission of application shall be used now as well for upload. Without submission of these documents through online, no action would be possible to take at this end.

This issue's with the approval of Secretary DST vide Dy.No.4081 dated 07/23/2014. We shall be looking for your responses in this respect.

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF SCIENCE & TECHNOLOGY

Technology Bhawan
New Mehrauli Road
New Delhi-110016
16-12-2014

SANCTION ORDER

Subject: Release of INSPIRE Faculty Award amount as well as Research Grant for **Hilor Pathak**[DST/INSPIRE/04/2014/015477] for implementation of INSPIRE Faculty Award at **CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY (CHARUSAT)**,

Upon selection for awarding INSPIRE Faculty Award and its subsequent finalization and acceptance of the Host Institution for implementation of this Award for five years at CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY (CHARUSAT), President is hereby pleased to accord sanction of **Rs.700000 (Rupees seven hundred thousand only)** in Financial Year 2014-15 for implementation of this Award at the aforesaid Host Institute under the AORC component of the INSPIRE Program of the Department of Science & Technology, New Delhi.

| INSPIRE Code | Name | Award Amount | Research Grant | Host Institute |
|--|--------------|--------------|----------------|--|
| DST/ INSPIRE Faculty Award /2014/DST/INSPIRE/04/2014/015 477 | Hilor Pathak | Rs.0/- | Rs. 700000/- | CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY (CHARUSAT) |

The amount i.e. **Rs. 700000/-** is being transferred through the State Bank Of India, New Delhi to the Director, CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY (CHARUSAT) in its Accounts with the following details (Bank : State Bank of India, A/c No.: 30875081005, IFSC Code : SBIN0010961) for the award amount and research grant as above.

The implementation of Award by the Host Institute shall be governed as per Rule 211 GFRs, the accounts of the Grantee Institute will be open to inspection by the sanctioning authority/audit whenever the institute is called upon to do so, as well as under the broad frame work of the Faculty Award "Undertaking".

The Host University/Institute shall submit the year-wise Utilization Certificate and Statement of Expenditure for considering any future release on this.

This issue's with the approval of IFD, Department of Science and Technology vide IFD Dy No. JS&FA/1181 dated 22/09/2014 and HOD Dy. No. 646 dated 08/09/2014.

With Kind Regards,

(A. Mukhopadhyay)
Scientist "G"

To,

1. Hilor Pathak

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY (CHARUSAT)

2. Director

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY (CHARUSAT)

NO. SB/FT/LS-133/2012
SCIENCE & ENGINEERING RESEARCH BOARD

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

Dated: 11 March 2016

ORDER

Subject :- Financial assistance for the research project entitled " Role of adipose in ethanol-induced tissue injury" by **Dr. Palash Mandal, Deptt. of Biological Sciences, P.D. Patel Institute of Applied Sciences, CHAROTAR University of Science & Technology, Changa, Anand District-388421, Gujarat-Transfer of Project & Release of grant.**

In partial modification of SERB Sanction order SB/FT/LS-133/2012 dated 25 April, 2013, the approval of the **Science & Engineering Research Board (SERB)** is hereby accorded to the transfer of the above project from BITS-Pilani, Hyderabad to CHAROTAR University of Science & Technology, Anand with all asset/s procured in the project. The revised total allocation will be as under:

| HEAD | Original Total Cost | Allocation for BITS-Pilani, Hyderabad | Allocation for CHARUSAT, Anand |
|---|---------------------|---------------------------------------|--------------------------------|
| Equipments: Real Time PCR, Table Top Centrifuge, Water Bath, Vertical electrophoresis system | 11,00,000 | 11,00,000 | Nil |
| A Total (Capital) Non recurring | 11,00,000 | 11,00,000 | Nil |
| Recurring-A' Manpower, Consumables, Travel, Contingency(including analytical charges) | 11,00,000 | 5,69,662 | 5,30,338 |
| Recurring-B' Over Head Charges | 3,00,000 | 2,11,452 | 88,548 |
| B Total (Recurring(A'+ B')) | 14,00,000 | 7,81,114 | 6,18,886 |
| Total Cost of the Project (A+B) | 25,00,000 | 18,81,114 | 6,18,886 |

2. The revised total cost of project at CHAROTAR University of Science & Technology, Anand would be Rs. 6,18,886/- and the project duration is till 24 July, 2016..

3. The Sanction has been issued with the approval of the competent authority under delegated powers and vide Diary No.SERB/F/7779/2015-16 dated 08.02.2016 .

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

5. 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.

6. 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.

7. 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.

8. The institute will furnish to the SERB, New Delhi, Utilization certificate and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

9. 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 etc. beyond the duration of the project.

Contd...2/-

3.1.3

2016-17


10. The total release amount of **Rs. 3,00,000/- (Rs.Three 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, CHAROTAR University of Science & Technology, Changa, Anand |
| IFSC/RTGS Code | SBIN0010961 |

11. The institute will maintain separate audited accounts for the project. It is found expedient to keep a part or whole of grant in a bank account earning interest. The interest earned should be reported to the SERB, New Delhi. The interest thus earned will be treated as a credit to the institute to be adjusted towards further installment of the grant.

12. 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.

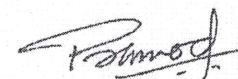
13. As this is the first grant to the institute no previous Utilization Certificate is required.


(Dr. Pramod Kumar Prasad)
Scientist - C

**To, Finance & Budget Officer
SERB, New Delhi**

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. Palash Mandal Deptt. of Biological Sciences P.D.Patel Institute of Applied Sciences CHAROTAR University of Science & Technology Changa Anand District-388421 Gujarat Email - palash73@hotmail.com The grant transfer details along with transaction no. will be intimated to the above email. |
| 5. | Registrar CHAROTAR University of Science & Technology Changa Anand District-388421 Gujarat |
| 6. | Director BITS-PILANI Hyderabad Campus Jawahar Nagar, Shameerpet Mandal Ranga Reddy District Hyderabad-500078 |


(Dr. Pramod Kumar Prasad)
Scientist - C