

**NO. SB/YS/LS-212/2013**  
**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: 15 May, 2014**

**ORDER**

Subject: Financial Sanction of the research project titled "Carbon dioxide fixation by culturable and non culturable(metagenomic approach) microbial community and role of microbe for calcite and biofuel production" under the guidance of **Dr.(Ms.) Shaili Srivastava, Deptt. of Environmental Science, Amity School of Applied Science, Amity University Haryana, Manesar, Gurgaon-122413, Haryana.**

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned project at a total cost of **Rs. 17,00,000/- (Rs. Seventeen Lakh Only)** with break-up of **Rs. 2,50,000/- under Non-Recurring** and **Rs. 14,50,000/- under Recurring** for a duration of three years. The items of expenditure for which the total allocation of **Rs. 17,00,000/-** has been approved for a period of **three** years, are given below:

Sl. No	Head	Total (in Rs.) for 3 years
<b>A</b>	<b>Non-Recurring</b>	
1	Equipment Refrigerator, BOD incubator, pH meter, Balance, Water bath, Magnetic Stirrer, Horizontal electrophoresis unit with power supply, Laminar Hood, Double distillation Unit, Oven	2,50,000
A'	Total (Non-recurring)	<b>2,50,000</b>
<b>B</b>	<b>Recurring</b>	
1	Recurring-A (Manpower, Consumables, Travel, Contingencies, Analytical/Biological Analysis Charges)	12,00,000
2	Recurring- B (Overhead Charges)	2,50,000
B'	Total (Recurring)	<b>14,50,000</b>
C	<b>Total cost of the project (A' + B') for 3 years</b>	<b>17,00,000</b>

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 2,50,000/- (Rs. Two Lakh Fifty Thousand Only)** under 'Non-Recurring' and **Rs. 3,50,000/- (Rs. Three Lakh Fifty Thousand Only)** under 'Recurring' to the **REGISTRAR, AMITY UNIVERSITY HARYANA, GURGAON** being the grant for the year **2014-15** for implementation of the said research project.

3. The expenditure involved is debitable to

**Fund for Science & Engineering Research (FSER)**

This release is made under Start-Up Research Grant (Young Scientists)- Life Sciences.

4. The Sanction has been issued with the approval of the competent authority under delegated powers and vide Diary No. **SERB/F/44/2014-15 dated 9.04.2014.**

5. Sanction of the grant is subject to the conditions as detailed in guidelines available at [www.serb.gov.in](http://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 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/-

- 2 -

10. The total release amount of **Rs. 6,00,000/- (Rs.Six Lakh Only)** will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of cheque/DD favoring "**REGISTRAR, AMITY UNIVERSITY HARYANA, GURGAON**" and will be sent to **Registrar, Amity University Haryana, Gurgaon, Manesar-122413, Haryana** or by means of RTGS transaction as per their bank details given below:

<b>Account Name</b>	<b>AMITY UNIVERSITY-HARYANA</b>
<b>Account Number</b>	<b>910010023405214</b>
<b>Bank Name &amp; Branch</b>	<b>AXIS Bank Ltd. , Manesar</b>
<b>IFSC/RTGS Code</b>	<b>UTIB0000720</b>

11. 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.

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 2005 and its disposal would be done with prior approval of SERB.

14. The project File no. **SB/YS/LS-212/2013** 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.

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.

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

To,

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

Copy forwarded for information and necessary action to :-

<b>1</b>	The Principal Director of Audit, A.G.C.R. Building, Illrd Floor I.P. Estate, Delhi-110002
<b>2</b>	Sanction Folder, SERB, New Delhi.
<b>3</b>	File Copy
<b>4</b>	Dr.(Ms.) Shaili Srivastava Deptt. of Environmental Science Amity School of Applied Science Amity University Haryana Manesar, Gurgaon-122413, Haryana Email : <a href="mailto:shailisrivastava05@gmail.com">shailisrivastava05@gmail.com</a> , <a href="mailto:shailienv@rediffmail.com">shailienv@rediffmail.com</a>

	(Start date of the project may be intimated by name to the undersigned. Please visit website <a href="http://www.serb.gov.in">www.serb.gov.in</a> for all formats and guidelines etc.)
<b>5</b>	Registrar Amity University Haryana Gurgaon, Manesar-122413 Haryana (Receipt of Cheque/DD/Grant may be intimated by name to the undersigned.)

**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: "**Role of protein kinase A signaling in androgen mediated gene response.**" for a period of 3 Year 0 Month at a total cost of Rs. **4683843** (Rupees Fourty Six Lakhs Eighty Three Thousand Eight Hundred and Fourty Three Only) on the terms and conditions detailed here under:-

**2 The Project :**

**2.1 Title :** "Role of protein kinase A signaling in androgen mediated gene response."

**2.2 Project Investigator :**

**Dr. Gargi Bagchi**  
Assistant Professor  
Department of Biotechnology  
Amity University, Manesar, Gurgaon - 122001, Haryana

**CO-PI:**

**Prof. Samarendra Kumar Ray**  
Professor and Head  
Department of Biotechnology  
Amity University, Manesar, Gurgaon - 122001, Haryana

**2.3 Objectives:**

1. To identify the receptor/ protein that mediates androgen-induced activation of PKA
2. To identify an alternate, membrane bound, AR that may be used as a drug target in future

**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. **4683843**/(Rupees Fourty Six Lakhs Eighty Three Thousand Eight Hundred and Fourty Three Only) as per details given below :

Budget Head	Year I	Year II	Year III	Total(Rs.)
Equipment	2453843.00			<b>2453843.00</b>
Manpower	60000.00	60000.00	60000.00	<b>180000.00</b>
Travel	30000.00	30000.00	40000.00	<b>100000.00</b>
Consumables	600000.00	600000.00	600000.00	<b>1800000.00</b>
Contingency	50000.00	50000.00	50000.00	<b>150000.00</b>
<b>Total (Rs.)</b>	<b>3193843.00</b>	<b>740000.00</b>	<b>750000.00</b>	<b>4683843.00</b>

### 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:

<b>Demand No. 88</b>	<b>Department of Biotechnology</b>
<b>3425</b>	Other Scientific Research 2014-2015
<b>3425.60</b>	Others (Sub Major Head)
<b>3425.60.200</b>	Assistance to other Scientific Bodies (Minor Head)
<b>3425.60.200.17</b>	Human Resource Development
<b>3425.60.200.17.08</b>	Human Resource Development Programmes
<b>3425.60.200.17.08.35</b>	Grants for creation of capital Assets

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

<b>Demand No. 88</b>	<b>Department of Biotechnology</b>
<b>3425</b>	Other Scientific Research 2014-2015
<b>3425.60</b>	Others (Sub Major Head)
<b>3425.60.200</b>	Assistance to other Scientific Bodies (Minor Head)
<b>3425.60.200.17</b>	Human Resource Development
<b>3425.60.200.17.08</b>	Human Resource Development Programmes
<b>3425.60.200.17.08.31</b>	Grant-in-Aid General

### 4. Terms & Conditions:

Considering the time bound nature of the project, the project will be monitored by the Task Force

/ Committee constituted by DBT. In addition, the PI will submit half yearly progress report as per format in Annexure-V.

- 4.1 The other terms and conditions governing this sanction are attached at Annexure- III.
- 4.2 A 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. MoA should be signed with in 4 weeks on receipt of this order.
- 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 Principal, Amity University Haryana, Gurgaon, Haryana would be responsible for submission of Statements of Expenditure (SoE) and consolidated utilization certificates (UC) to DBT from PIs in respect of grants released against this sanction order 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.20020/11/97-IFD dated 31st March, 2010. 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/1582/2014-2015** dated **July, 22 2014**.
10. This sanction order has been noted at serial no. \_\_\_\_\_ in the Register of Grants.



**Dr. Renu Swarup**  
(Advisor)

**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 Principal, Amity University Haryana, Amity Education Valley, Manesar, Gurgaon - 122413, Haryana
- 3 Dr. Gargi Bagchi, PI, Biotechnology, Amity University Haryana, , Manesar - 122001, Haryana
- 4 Prof. Samarendra Kumar Ray, Professor and Head, Biotechnology, Amity University Haryana, Amity Education Valley, Pachgaon, Gurgaon - 122001, Haryana
- 5 Cash Section, DBT (2 copies).
- 6 Sanction Folder.
- 7 File Copy.



**Dr. Renu Swarup  
(Advisor)**

Details of the Equipment sanctioned for the implementation of the project titled "Role of protein kinase A signaling in androgen mediated gene response.":

Amity University Haryana			
SNo.	Name of Equipment	No.	Cost(Rs.)
1.	Incubator for mammalian cell culture	1	233750.00
2.	Fluorescent microscope	1	920000.00
3.	Refrigerated Centrifuge	1	273870.00
4.	Luminometer	1	768320.00
5.	Western Blot apparatus	1	257903.00
Total			2453843.00

(Dr. Renu Swarup)  
Advisor



**Annexure -II**

Details of the manpower sanctioned for the implementation of the project titled "**Role of protein kinase A signaling in androgen mediated gene response.**":

<b>Head</b>	<b>No. of Position</b>	<b>Year I</b>	<b>Year II</b>	<b>Year III</b>	<b>Total (Rs.)</b>
Other1 Honorarium to the PI	1	60000.00	60000.00	60000.00	<b>180000.00</b>
<b>Total(Rs.)</b>		<b>60000.00</b>	<b>60000.00</b>	<b>60000.00</b>	<b>180000.00</b>

Revised emoluments shall be payable only if educational qualification or eligibility criteria as per DST OM No. A.20020/11/97-IFD dated 31.03.2010, are met by the research personnel.

**(Dr. Renu Swarup)**  
**Advisor**

1) **R&D Project funded by DST:** **For India** Funding  $\approx$  Rs 4.2  
crores Status: *in progress*  
(April 2013)

**India-European Project (2013):**

**Dr A K Raghav** is co-opted research scientist in advisory capacity as an expert.

Dr N Khalil (Civil Engg Dept, AMU Aligarh) is Chief Coordinator/ Principal Investigator from India side.

The project title is (April 2013) "India-European Union Research Collaborative Project on Water Technology, Research and Innovation" - Project Title: **Safeguarding Water Resources in India with Green and Sustainable Technologies** (project: **SWING**, duration **36 months**). The countries taking part in the project are: **Spain, Denmark, Germany, France, Slovenia, and India**. Work Program has 8 components to be completed at various stages of the project. The project commenced from April/May 2013 as soon as DST releases grant. This Collaborative Project is approved by India (DST New Delhi) and European Union.

*Budget:*

Cost of the Project

a) For EU Participants: (Total € 6.1 million)

b) **For India Participants** (Total Rs 4.2 crores Indian Grant from **DST**)

2) **R&D Project funded by Ministry for Power, GOI:**

Total Funding  $\approx$  Rs 1.63 Crore

Status: in progress, Started date: April 2014

Funding Agency: Central Electricity Authority of India, Ministry of Power, GoI.

Date of Implementation: April 2014

PI: Dr Nadeem Khalil Civil Engg Dept, A M U Aligarh

Co-PI: Dr A K Raghav AUH

Project title:

**Purification of Waste Water and Power Generation by Producing Steam by burning Biomass Waste Product obtainable from constructed wetland:**

**Part 1: Removing water impurities by natural means, and**

**Part 2: Generation of Electricity by erecting a pilot power plant using biomass.**

MOU signed between AMU Aligarh and AUH, copy to the CPRI Bangalore.

Indian and International Patent in this project has been filed on 23-8-2016 with Dr A K Raghav as first Inventor.

MoES/16/03/2014-RDEAS  
Government of India  
Ministry of Earth Sciences

Prithvi Bhawan, Lodhi Road,  
New Delhi-110003

Dated: 16/09/2015

**SANCTION ORDER**

In pursuance of this Ministry's Administrative Order No. MoES/16/03/2014-RDEAS dated 16/09/2015, sanction of the President is hereby conveyed under rule 18 of the Delegation of Financial Power Rules, 1978 for the release of **Rs. 6,30,000/- (Rupees Six lakhs Thirty Thousand only)** to the Registrar, **Savitribai Phule Pune University, Ganeshkhind Road, Pune 411 007** during the current financial year 2015-16 as 1<sup>st</sup> year grant for the project: "Investigation Aerosol-Cloud forced climate changes over India: A Multi-satellite approach", Savitribai Phule Pune University, Pune as per details given below:-

(Amount in Rupees)

S. No.	Description	Total
A	Recurring:	
	1. One JRF (Revised fellowship 25000 INR per month+20% HRA for initial 2 years and 28000 INR+20% HRA for 3 <sup>rd</sup> year)	3,60,000
	2. Consumables & Contingencies	20,000
	3. Travel (within India)	30,000
B	Overhead Charges	20,000
C	Equipment (Desktop, Printer etc)	2,00,000
		<b>6,30,000</b>

2. The amount of **Rs. 6,30,000/- (Rupees Six lakhs thirty thousand only)** will be drawn by the Drawing and Disbursing Officer, Ministry of Earth Sciences and disbursed through Real Time Gross Scheme (RTGS) to the Registrar, **Savitribai Phule Pune University Ganeshkhind Road, Pune 411 007** on the following Bank details:

Name of the Bank	Bank of Maharashtra
Branch	Savitribai Phule Pune University Campus Branch, Ganeshkhind Road, Pune 411 007
Account No	20063000485
IFSC Code	MAHB0001355
MICR Code	411014058

3. The amount will be debited to:-  
'3425' Other Scientific Research (Major Head)  
60.200 Assistance to Other Scientific Bodies (Minor Head)  
4 52 Research Education and Training Outreach  
52.00.31 Grant-in-Aid-General (Plan)  
Under Demand No. 31 of Ministry of Earth Sciences for the year 2015-16


4. The Registrar, **Savitribai Phule Pune University Ganeshkhind Road, Pune 411 007** shall send the U/C and Statement of Expenditure of this amount in the required Performa.

5. The programme division has certified that no other U/C is pending from **Savitribai Phule Pune University Ganeshkhind Road, Pune 411 007** under the rules in respect of any grants released for this project as this is the 1<sup>st</sup> release to **Savitribai Phule Pune University, Ganeshkhind Road, Pune 411 007** under this project.

6. The accounts of grantee institution/organization shall be open to inspection by the sanctioning authority and audit, both by the Controller and Auditor General of India under the provision of CAG (DPG) Act 1971 and Internal audit by the Principal Account Office of the Ministry/Department, whenever the institution or organization is called upon to do so.

7. The amount has been entered in the ECR at Page No. 40 Sl. No. 34.

8. The issues under the powers delegated to this Ministry and with the concurrence of IFD vide Dy. No304/IFD/15 dated 05.08.2015 and with the approval of Secretary MoES vide Dy. No. 522/Secy/15 dated 09.09/2015.


  
(Kailash Chand)  
16/9/15

Under Secretary to the Govt. of India

To  
The Pay and Accounts Officer,  
Pay & Accounts Office,  
Ministry of Earth Sciences,  
New Delhi - 110 003

Copy to:

1. Cash Section, MoES for information.
2. The Principal Director of Audit (Scientific Department), AGCR Building, I.P. Estate, New Delhi.
3. **The Registrar, Savitribai Phule Pune University Ganeshkhind Road, Pune 411 007**
4. Dr. Rohini Bhawar Lakshman, department of Atmospheric and Space Sciences, Savitribai Phule Pune University, Pune - 411 007
5. JS&FA/JS(ES)/ADV(SB)/Sct. ~~F (PM)~~ / Dir(F)/CA/ IFD, MoES.
6. PPS to Secretary.
7. Sanction folder/Guard file.

  
(Kailash Chand)  
16/9/15

Under Secretary to the Govt. of India

12/22/2015

Gmail - Fwd: NAM S&T Centre Research Training Fellowship for Developing Country Scientists (RTF-DCS) – Award of Fellowship for 2014-15

Subject: NAM S&T Centre Research Training Fellowship for Developing Country Scientists (RTF-DCS) – Award of Fellowship for 2014-15

To: Manju Sharma <sharma.manju131@gmail.com>

Cc: Tilahun Mekonnen Negassa <mekonnen@tilahun27@yahoo.com>, rprasad@ggn.amity.edu

Name of ~~Sender~~ Recipient.

No. NAM – 05/74/2014/AdI

17<sup>th</sup> November, 2015

Dear Dr. Manju Sharma,

**Sub: NAM S&T Centre Research Training Fellowship for Developing Country Scientists (RTF-DCS) – Award of Fellowship for 2014-15**

Greetings from the Centre for Science and Technology of the Non-Aligned and Other Developing Countries (NAM S&T Centre), www.namstct.org!!

Please refer to our correspondence with you in connection with the Fellowship under our RTF-DCS scheme offered to **Mr. Tilahun Mekonnen Negassa from Ethiopia** to carry out research work in your University for six months. As we had informed you, Mr. Tilahun will reach Delhi on 29<sup>th</sup> November at 0910 hrs. from Dubai by Flight No. EK- 510.

Please make arrangements to receive him at the Delhi airport and for his transportation to your Institution. Please also arrange a suitable accommodation for him in your Guest house at a reasonable rate.

Regarding the financial entitlement to Amity University as the host institution for this Fellowship programme, we are pleased to inform you that the total amount as per following break-up will be released to your University in advance.

- a) Overhead charges Rs.30,000/- (@Rs.5,000/- per month for 6 month)
- b) A one-time grant of maximum INR 30,000 for research contingencies and domestic travel for airport transfers and visiting research institutions, attending scientific events and field-trips within India: This amount will be released to the host organisation which will reimburse the expenditure on domestic travel to the Fellow on actual basis.
- c) A consolidated Fellowship amount of Rs.2,10,000/- @INR 35,000 per month for 6 months (non-taxable) for accommodation, meals and other miscellaneous expenses -- to be disbursed to the scientist on a monthly basis.

Total Rs.. 2,70,000/-

For this purpose, you are requested to send us the bank particulars [i.e. i) name of the account holder, ii) account number, iii) name of the bank and branch name and address, and iv) IFSC Code] of your University to which the amount can be transferred.

Any unspent balance with your University, including that arising out from early departure of the fellow due to any unforeseen reason, will have to be returned to the NAM S&T Centre.

Please note that the RTF-DCS Programme is being implemented by the NAM S&T Centre **and NOT BY D&T, Government of India** and the above mentioned funds will be released to your University by the NAM S&T Centre.

Looking forward to your early response and with kind regards,

Yours sincerely,

M. Bandyopadhyay

(Mr. M. Bandyopadhyay)

Senior Expert & Administrative Officer

NAM S&T Centre

Title of Project – Understanding the molecular Bases of Resistance to Septoria for wheat improvement in Ethiopia

<https://mail.google.com/mail/u/0/?ui=2&ik=496b91dc33&view=pt&search=inbox&th=151662a9d6cfc87d&siml=151662a9d6cfc87d&siml=1516c294702ac5db>

Til  
Amount

12/22/2015

Gmail - Fwd: NAM S&T Centre Research Training Fellowship for Developing Country Scientists (RTF-DCS) – Award of Fellowship for 2014-15

Fax: (+91)(11) 24644973

E-mail: namstcentre@gmail.com / apknam@gmail.com

Homepage: <http://www.namstct.org>

+++++

Manju Sharma <sharma.manju131@gmail.com>

Fri, Dec 4, 2015 at 12:43 AM

To: skbasu@ggn.amity.edu

Cc: Dr Rajendra Prasad <rprasad@ggn.amity.edu>, S M Paul Khurana <smpaulkhurana@gmail.com>, Machiavelli Singh <machiavellisinh@gmail.com>, Amandeep Yadav <yadavamandeep03@gmail.com>, Dr Padmakali Banerjee <padmakali@ggn.amity.edu>, vcauh@ggn.amity.edu, sksingh5@ggn.amity.edu

Dear Sir,

Please refer trailing mail to confirm the receipt of money from Nam -st center for Mr. Tilahun's fellowship.

Thanks

Manju

----- Forwarded message -----

From: RTF\_DCS Fellowship <rtfdcs15@gmail.com>

Date: Fri, Dec 4, 2015 at 1:56 PM

Subject: Re: Fw: NAM S&T Centre Research Training Fellowship for Developing Country Scientists (RTF-DCS) – Award of Fellowship for 2014-15

To: Manju Sharma <sharma.manju131@gmail.com>

Cc: skbasu@ggn.amity.edu, registrarauh@ggn.amity.edu, Dr Rajendra Prasad <rprasad@ggn.amity.edu>, S M Paul Khurana <smpaulkhurana@gmail.com>

No. NAM – 05/74/2014/AdI

4<sup>th</sup> December 2015

Dear Dr. Manju Sharma,

**Sub: NAM S&T Centre Research Training Fellowship for Developing Country Scientists (RTF-DCS) – Award of Fellowship for 2014-15**

Greetings from the NAM S&T Centre; [www.namstct.org](http://www.namstct.org)!!

We acknowledge with thanks the receipt of the e-mails regarding the bank transaction particulars of the fellowship amount in respect of Mr. Tilahun Mekonne Negassa from Ethiopia transferred to your University. As desired, the UTR No. for Rs.2,70,000/- transferred by State Bank of Hyderabad is **SBHYR 52015113002496318** dated 30<sup>th</sup> November 2015.

Kindly check and acknowledge the receipt of the amount.

With regards,

Yours sincerely,

(Sunil Kumar)

<https://mail.google.com/mail/u/0/?ui=2&ik=496b91dc33&view=pt&search=inbox&th=151662a9d6cfc87d&siml=151662a9d6cfc87d&siml=1516c294702ac5db>

15/17

FILE NO. YSS/2015/000152  
**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: 12-Jan-2016

**ORDER**

Subject: Financial Sanction of the research project titled "**Silica coated porous zinc oxide nanostructure: A potent nanocomposite for development of slow release agrochemicals**" under the guidance of Dr. Nitai Debnath, Biotechnology, Amity University, Amity Education Valley, Panchgaon, Manesar, Distt. Gurgaon, HARYANA, GURGAON-122413 - 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. 2645000/- (Rs. Twenty Six Lakh Forty Five Thousand Only)** with break-up of **Rs. 840000/- under Capital (Non-recurring) head** and **Rs.1805000/- under General (Recurring) head** for a duration of Three years. The items of expenditure for which the total allocation of **Rs. 2645000/-** has been approved are given below:

The following budget may be considered for **Amity University, Amity Education Valley, Panchgaon, Manesar, Distt. Gurgaon**

S. No	Head	Total (in Rs.)
<b>A</b>	<b>Non-recurring</b>	
1	Equipment -> -20° deep freezer -> Plant growth racks with light attachment -> UV-Visible spectrophotometer -> Ultrasonicator -> Weighing balance -> Laminar hood	840000
<i>A'</i>	<i>Total (Non-Recurring)</i>	<b>840000</b>
<b>B</b>	<b>Recurring Items</b>	
1	Recurring - A : ( Manpower, Consumables, Travel, Contingencies, Other Cost)	1565000
2	Recurring - B : (Overhead Charges)	240000
<i>B'</i>	<i>Total (Recurring)</i>	<b>1805000</b>
<b>C</b>	<b>Total cost of the project (A' + B')</b>	<b>2645000</b>

2. Sanction of the **SERB** is also accorded to the payment of
- Rs. 840000/-** (Rupees Eight Lakh Forty Thousand only) under 'Grants for creation of capital assets' and **Rs. 600000/-** (Rupees Six Lakh only) under 'Grants-in-aid General' to **REGISTRAR, Amity University, Amity Education Valley, Panchgaon, Manesar, Distt. Gurgaon** being the first installment of the grant for the year 2015-2016 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 Start Up Research Grant (Young Scientist). (Life Sciences)**



4. The Sanction has been issued to Amity University, Amity Education Valley, Panchgaon, Manesar, Distt. Gurgaon with the approval of the competent authority under delegated powers on **05 January, 2016** and vide Diary No. **SERB/F/7117/2015-16** dated **11 January, 2016**
5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website ([www.serb.gov.in](http://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. 1440000/-** (Rupees Fourteen Lakh Forty 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:

<b>Account Name</b>	<b>AMITY UNIVERSITY HARYANA</b>
<b>Account Number</b>	<b>910010023405214</b>
<b>Bank Name &amp; Branch</b>	<b>Axis Bank Limited Axis Bank Limited, Manesar, HR</b>
<b>IFSC/RTGS Code</b>	<b>UTIB0000720</b>
<b>Email id of A/C Holder</b>	<b>registraraauh@ggn.amity.edu</b>
<b>Email id of PI</b>	<b>nitai.debnath@gmail.com</b>

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. YSS/2015/000152 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. Pramod Kumar Prasad)**  
Scientist C  
pk.prasad@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><b>Dr. Nitai Debnath</b>  <b>Biotechnology</b>  <b>Amity University , Amity Education Valley, Panchgaon, Manesar, Distt. Gurgaon,</b>  <b>HARYANA, GURGAON-122413</b>  <b>Email: nitai.debnath@gmail.com</b>  <b>Mobile: 918800275382</b></p> <p>(Start date of the project may be intimated by name to the undersigned. For guidance, terms &amp; Conditions etc. Please visit <a href="http://www.serb.gov.in">www.serb.gov.in</a>.)</p>
5.	<p><b>REGISTRAR,</b>  <b>Amity University, Amity Education Valley, Panchgaon, Manesar, Distt. Gurgaon</b></p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p>

(Dr. Pramod Kumar Prasad)  
Scientist C  
pk.prasad@serb.gov.in

SCIENCE & ENGINEERING RESEARCH BOARD (SERB)  
(Statutory Body Established Through an Act of Parliament : SERB Act 2008)

Science and Engineering Research Board  
5 & 5A, Lower Ground Floor  
Vasant Square Mall  
Sector-B, Pocket-5  
Vasant Kunj  
New Delhi - 110 070

Approval Letter

File Number: YSS/2015/001262

Dated: 14-Mar-2016

Subject: Project titled "Development of multiferroic magnetoelectric materials and dilute magnetic semiconductors for multifunctional applications".

Dear Dr. Shalendra Kumar,

The project cited above has been approved by Science and Engineering Research Board (SERB) for funding. The following are the approved items for a period of three years. The final budget to be sanctioned would be based on quotations received, existing norms etc.

The committee recommended the following budget

Fellowship Rs. 19.8 lakh @ Rs. 55,000/- pm

Equipment Details : Rs. 4,00,000/-

-> P-E hysteresis loop setup - 1

Consumables : Rs. 3,00,000/-

Travel Cost : As per norms

Contingencies : As per norms

Overhead : As per norms

You are now requested to upload **Endorsement Certificate** (from the Head of Institute), the lowest quotation for equipment/s (including freight, insurance, customs charges etc., if any) at the earliest so as to enable us to issue the financial sanction. A certificate stating that any visit abroad for a period more than eight weeks would be undertaken after due permission from SERB, may also be submitted.

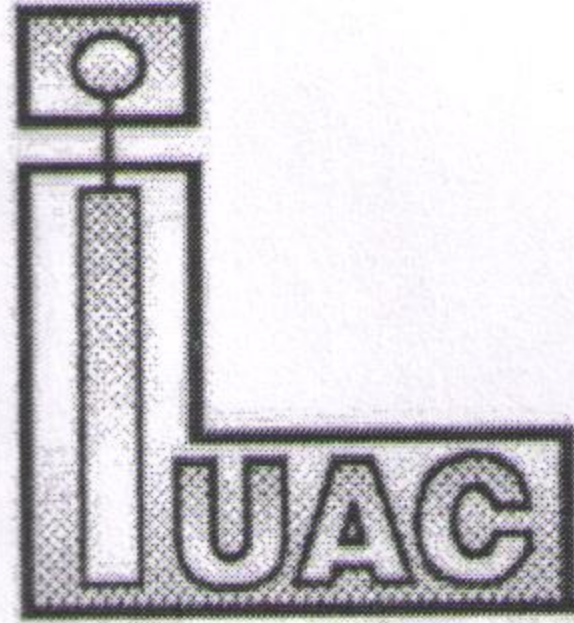
Kindly upload RTGS details of the implementing institute to facilitate transfer of the fund as per the template. Kindly quote the reference number in all future correspondence. The project's reference no. YSS/2015/001262 may also be mentioned in all research communications arising from the above project.

Yours sincerely,  
(Dr. Magesh K K)  
Email: mageshkk@serb.gov.in

Dr. Shalendra Kumar

Null, Null

CASA



अन्तर-विश्वविद्यालय त्वरक केन्द्र  
INTER-UNIVERSITY ACCELERATOR CENTRE  
(Formerly Nuclear Science Centre)  
(विश्वविद्यालय अनुदान आयोग का स्वायत्त केन्द्र)  
(An Autonomous Centre of UGC)

Dr. Sundeep Chopra  
Convenor - AUC

Ref: IUAC/XIII.3A/

January 25, 2016

Dr. Ankush Vij  
Assistant Professor,  
Department of Physics,  
Amity School of Applied Sciences, Amity  
Univerisy, Haryana, Panchgaon,  
Gurgoan-122413

**Subject: Your Application for Beam Time Allotment**

Dear Dr. Vij,

This is in response to your proposal for beam time/funds request and subsequent presentation made before the Accelerator Users Committee(AUC) of Inter University Accelerator Centre on December 16-19, 2015. I am pleased to inform you that your request has been considered and following beam time/funds has been allotted to you as specified below:

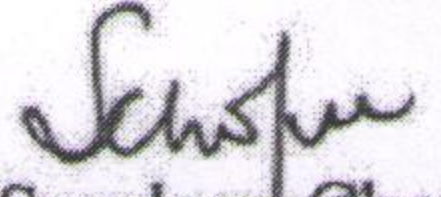
BTR No. & Activity	PI Name Affiliation	Title	No. of Shifts Sanctioned	Comments From AUC
59312 MS	Dr. Ankush Vij Assistant Professor, Department of Physics, Amity School of Applied Sciences, Amity Univerisy, Haryana, Panchgaon, Gurgoan-122413	Ion beam induced modification in MgO Based nanophosphors: luminescence and related studies.	3	JRF & funds request accepted. Sanction subject to clearance received.

The contingency amount will be sent to you soon. Regarding the appointment of JRF/Project Fellow, you are requested to contact the undersigned since as per the directives of AUC, a nominee will be deputed by IUAC as part of your selection committee. The information regarding the selection committee meeting should be sent to the undersigned at least two weeks in advance for the nomination of IUAC representative.

You are requested to kindly submit progress report of the project twice a year (April & October). Kindly acknowledge the receipt of this letter and inform us suitable period regarding scheduling of your experiment. In case you need further information, you are requested to contact the undersigned.

Thanking you,

Yours Sincerely,

  
(Sundeep Chopra)

E-mail: [choprasundeep@gmail.com](mailto:choprasundeep@gmail.com)

पोस्ट बाक्स: 10502 अरुणा आसफ अली मार्ग,  
Post Box No. 10502, Aruna Asaf Ali Marg,  
नई दिल्ली - 110 067 (भारत)  
New Delhi- 110 067 (India)

दूरभाष : /Telephone : 011-26893951  
011-26892601  
तार : /Telegram : NURCEP  
फैक्स : /Fax : 011-26893661  
वेबसाईट : /Website : [www.iuac.res.in](http://www.iuac.res.in)

**No. BT/PR13073/MED/29/923/2015**  
GOVERNMENT OF INDIA  
MINISTRY OF SCIENCE & TECHNOLOGY  
DEPARTMENT OF BIOTECHNOLOGY

Block 2, 6-8th Floors  
CGO Complex, Lodhi Road,  
New Delhi- 110 003  
Dated: 06/05/16

**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: "**Identification of cGAMP specific phosphodiesterase from Leishmania donovani and its role in virulence**" for a period of 3 Year 0 Month at a total cost of Rs. **6302478** (Rupees Sixty Three Lakhs Two Thousand Four Hundred and Seventy Eight Only) on the terms and conditions detailed here under:-

**2 The Project :**

**2.1 Title :** "**Identification of cGAMP specific phosphodiesterase from Leishmania donovani and its role in virulence**"

**2.2 Details of the Investigators:**

**Dr. Krishna Murari Sinha**

PI

Amity Institute of Integrative  
Sciences & Health  
Amity University Haryana  
Amity Education Valley, Gurgaon,  
Manesar, Haryana, 110020

**Dr. Angamuthu Selvapandiyan**

PI

JH Institute of Molecular Medicine  
Jamia Hamdard University  
Faculty of Science Building, 3rd  
floor, Jamia Hamdard, Hamdard  
Nagar, New Delhi, Delhi, 110020

### 2.3 Objectives:

#### Amity University Haryana

1. Identification of cGAMP specific phosphodiesterase
2. Role of the identified proteins in leishmanial virulence

#### Jamia Hamdard University

1. Identification of cGAMP specific phosphodiesterase
2. Characterization of the identified proteins
3. Role of the identified proteins in leishmanial virulence

### 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. **6302478/-** (Rupees Sixty Three Lakhs Two Thousand Four Hundred and Seventy Eight Only) as per details given below :

Institute	Year I	Year II	Year III	Total Cost(Rs.)
1. Amity University Haryana	1634470	925000	690000	<b>3249470</b>
2. Jamia Hamdard University	1118660	1058020	876328	<b>3053008</b>
<b>Total (Rs.)</b>	<b>2753130</b>	<b>1983020</b>	<b>1566328</b>	<b>6302478</b>

#### Institute wise details are:

Amity University Haryana				
Budget Head	Year I	Year II	Year III	Total(Rs.)
Equipment	609470.00			<b>609470.00</b>
Manpower	300000.00	300000.00	300000.00	<b>900000.00</b>
Travel	25000.00	25000.00		<b>50000.00</b>
Consumables	600000.00	500000.00	300000.00	<b>1400000.00</b>
Contingency	100000.00	100000.00	90000.00	<b>290000.00</b>
<b>Total (Rs.)</b>	<b>1634470.00</b>	<b>925000.00</b>	<b>690000.00</b>	<b>3249470.00</b>

<b>Jamia Hamdard University</b>				
Manpower	393660.00	433020.00	476328.00	<b>1303008.00</b>
Overhead	50000.00	50000.00	50000.00	<b>150000.00</b>
Travel	25000.00	25000.00		<b>50000.00</b>
Consumables	600000.00	500000.00	300000.00	<b>1400000.00</b>
Contingency	50000.00	50000.00	50000.00	<b>150000.00</b>
<b>Total (Rs.)</b>	<b>1118660.00</b>	<b>1058020.00</b>	<b>876328.00</b>	<b>3053008.00</b>

### 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 debit to:

<b>Demand No. 79</b>	<b>Department of Biotechnology</b>
<b>3425</b>	Other Scientific Research 2016-2017
<b>3425.60</b>	Others (Sub Major Head)
<b>3425.60.200</b>	Assistance to other Scientific Bodies (Minor Head)
<b>3425.60.200.29</b>	Biotechnology Research and Development
<b>3425.60.200.29.17</b>	Assistance for Research and Development
<b>3425.60.200.29.17.35</b>	Grants for creation of capital assets

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

<b>Demand No. 79</b>	<b>Department of Biotechnology</b>
<b>3425</b>	Other Scientific Research 2016-2017
<b>3425.60</b>	Others (Sub Major Head)
<b>3425.60.200</b>	Assistance to other Scientific Bodies (Minor Head)
<b>3425.60.200.29</b>	Biotechnology Research and Development
<b>3425.60.200.29.17</b>	Assistance for Research and Development
<b>3425.60.200.29.17.31</b>	Grants-in-aid General

### 4. Terms & Conditions:

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

b. The equipment sanctioned under the project should be purchased within 18 months from the date of the release of the grant.

- 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 Principal, Amity University Haryana, Gurgaon, Haryana and The Registrar, Jamia Hamdard University, New Delhi, Delhi 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/496/2016-2017** dated **May, 06 2016**.
- 10.** This sanction order has been noted at serial no. 08 in the Register of Grants.

  
(Dr. Anamika Gambhir)  
Joint Director/Sc-'E'

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 Principal, Amity University Haryana, Amity Education Valley, Manesar, Gurgaon - 122413, Haryana
- 3 The Registrar, Jamia Hamdard University, HAMDARD NAGAR, New Delhi - 110062, Delhi
- 4 Dr. Angamuthu Selvapandiyam, PI, JH Institute of Molecular Medicine, Jamia Hamdard University, Faculty of Science Building, 3rd floor, Jamia Hamdard, Hamdard Nagar, New Delhi - 110020, Delhi
- 5 Dr. Krishna Murari Sinha, PI, Amity Institute of Integrative Sciences & Health, Amity University Haryana, Amity Education Valley, Gurgaon, Manesar - 110020, Haryana
- 6 Cash Section, DBT (2 copies).
- 7 Sanction Folder.
- 8 File Copy.

  
(Dr. Anamika Gambhir)  
Joint Director/Sc-'E'

**Annexure -I**

Details of the Equipment sanctioned for the implementation of the project titled "**Identification of cGAMP specific phosphodiesterase from Leishmania donovani and its role in virulence**":

<b>Amity University Haryana</b>			
<b>SNo.</b>	<b>Name of Equipment</b>	<b>No.</b>	<b>Cost(Rs.)</b>
1.	PCR Thermo cycler	1	448300.00
2.	pH meter	1	161170.00
<b>Total</b>			<b>609470.00</b>

  
(Dr. Anamika Gambhir)  
Joint Director/Sc-'E'

**Annexure -II**

Details of the manpower sanctioned for the implementation of the project titled "**Identification of cGAMP specific phosphodiesterase from Leishmania donovani and its role in virulence**":

Head	No. of Position	Year I	Year II	Year III	Total (Rs.)
<b>Amity University Haryana</b>					
Other1 Research Fellow	1	300000.00	300000.00	300000.00	<b>900000.00</b>
<b>Total(Rs.)</b>		<b>300000.00</b>	<b>300000.00</b>	<b>300000.00</b>	<b>900000.00</b>
<b>Jamia Hamdard University</b>					
Technical Assistant Technical Assistant @ Rs. 32805/- p.m for 1st year with 10% increment per year	1	393660.00			<b>393660.00</b>
Technical Assistant Technical Assistant @ Rs. 32805/- p.m for 1st year with 10% increment per year	1		433020.00		<b>433020.00</b>
Technical Assistant Technical Assistant @ Rs. 32805/- p.m for 1st year with 10% increment per year	1			476328.00	<b>476328.00</b>
<b>Total(Rs.)</b>		<b>393660.00</b>	<b>433020.00</b>	<b>476328.00</b>	<b>1303008.00</b>

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. Anamika Gambhir)**  
**Joint Director/Sc-'E'**

**No. BT/PR19634/BIC/101/488/2016**  
GOVERNMENT OF INDIA  
MINISTRY OF SCIENCE & TECHNOLOGY  
DEPARTMENT OF BIOTECHNOLOGY

Block 2, 6-8th Floors  
CGO Complex, Lodhi Road,  
New Delhi- 110 003  
Dated:02/06/2017

**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 "**Unraveling the Role of mTORC2 in Regulation of Sphingolipid Biosynthesis in Breast Cancer Progression**" for a period of 3 Year 0 Month at a total cost of Rs. **5453463** (Rupees Fifty Four Laks Fifty Three Thousand Four Hundred and Sixty Three Only) on the terms and conditions detailed here under:-

**2 The Project :**

**2.1 Title : Unraveling the Role of mTORC2 in Regulation of Sphingolipid Biosynthesis in Breast Cancer Progression**

**2.2 Details of the Investigators:**

**Dr. Ujjaini DasGupta**

Assistant Professor  
Amity Institute of Integrative  
Sciences and Health  
Amity University Haryana,  
Gurgaon, 122413

**CO-PI:**

**Prof. Rajendra Prasad**

Professor and Director  
Amity Institute of Integrative Sciences and  
Health  
Amity University Haryana  
122413



### 2.3 Objectives:

1. Analyzing the Effect of mTORC2 on Sphingolipid Biosynthesis in Breast Cancer Cell Lines using Qualitative and Quantitative Profiling of Different Sphingolipid Species
2. Validation of mTORC2 Mediated Sphingolipid Regulation and its Effect on Cell Proliferation, Migration and Invasion.
3. Understanding the role of Sphingolipid Mediated Reprogramming of Metabolism in Cancer Cells.

### 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. **5453463/-** (Rupees Fifty Four Lakhs Fifty Three Thousand Four Hundred and Sixty Three Only) as per details given below:

Budget Head	Year I	Year II	Year III	Total (Rs.)
Equipment	1866663.00			<b>1866663.00</b>
Manpower	510000.00	510000.00	556800.00	<b>1576800.00</b>
Travel	20000.00	20000.00	20000.00	<b>60000.00</b>
Consumables	600000.00	600000.00	600000.00	<b>1800000.00</b>
Contingency	50000.00	50000.00	50000.00	<b>150000.00</b>
<b>Total (Rs.)</b>	<b>3046663.00</b>	<b>1180000.00</b>	<b>1226800.00</b>	<b>5453463.00</b>

### 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. 85	Department of Biotechnology
<b>3425</b>	Other Scientific Research 2017-2018
<b>3425.60</b>	Others (Sub Major Head)
<b>3425.60.200</b>	Assistance to other Scientific Bodies (Minor Head)
<b>3425.60.200.29</b>	Biotechnology Research and Development, Human Resource Development, Research Resources and Facilities
<b>3425.60.200.29.17</b>	Assistance for Research and Development
<b>3425.60.200.29.17.35</b>	Grants for creation of capital assets

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

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

#### **4. Terms & Conditions:**

Considering the time bound nature of the project, the project will be monitored by the Task Force /Committee constituted by DBT. In addition, the PI will submit half yearly progress report as per format in Annexure-V

- 4.1** The other terms and conditions governing this sanction are attached at Annexure- III.
- 4.2** A 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 Utilization 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 Registrar, Amity University Haryana, Gurgaon, Haryana 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 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 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.** 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.

9. This issues under the power delegated to this Department and with the concurrence of IFD vide their SAN No **102/IFD/SAN/840/2017-2018** dated **June, 02 2017**.
10. This sanction order has been noted at serial no. **52** in the Register of Grants.



**Dr. Suraksha S. Diwan**  
**(Scientist 'D')**

**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 Registrar, Amity University Haryana, Amity Education Valley, Manesar, Gurgaon - 122413, Haryana
- 3 Dr. Ujjaini DasGupta, Assistant Professor, Amity Institute of Integrative Sciences and Health, Amity University Haryana, Gurgaon, - 122413
- 4 Prof. Rajendra Prasad, Professor and Director, Amity Institute of Integrative Sciences and Health, Amity University Haryana - 122413
- 5 Cash Section, DBT (2 copies).
- 6 Sanction Folder.
- 7 File Copy.



**Dr. Suraksha S. Diwan**  
**(Scientist 'D')**

**Annexure -I**

Details of the Equipment sanctioned for the implementation of the project titled "**Unraveling the Role of mTORC2 in Regulation of Sphingolipid Biosynthesis in Breast Cancer Progression**":

<b>Amity University Haryana</b>			
<b>SNo.</b>	<b>Name of Equipment</b>	<b>No.</b>	<b>Cost(Rs.)</b>
1.	Refrigerator	1	51375.00
2.	Real Time PCR USD 14000 1 USD = INR 68.022	1	952308.00
3.	Laminar Flow (Cell Culture Hood)	1	126563.00
4.	Co2 Incubator USD 7300 1USD = INR 68.022	1	496561.00
5.	Microscope - Yen 1 yen = INR 0.58	1	239856.00
<b>Total</b>			<b>1866663.00</b>



**Dr. Suraksha S. Diwan**  
**(Scientist 'D')**



**Annexure -II**

Details of the manpower sanctioned for the implementation of the project titled "**Unraveling the Role of mTORC2 in Regulation of Sphingolipid Biosynthesis in Breast Cancer Progression**":

<b>Head</b>	<b>No. of Position</b>	<b>Year I</b>	<b>Year II</b>	<b>Year III</b>	<b>Total (Rs.)</b>
Junior Research Fellow JRF@ Rs. 25000/- per month plus 30% HRA for first two years	1	390000.00	390000.00		<b>780000.00</b>
Honorarium to the employed Scientist @ Rs. 10000/- per month Consolidated	1	120000.00	120000.00	120000.00	<b>360000.00</b>
Senior Research Fellow SRF @ Rs. 28000/- per month plus 30% HRA	1			436800.00	<b>436800.00</b>
<b>Total(Rs.)</b>		<b>510000.00</b>	<b>510000.00</b>	<b>556800.00</b>	<b>1576800.00</b>

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. Suraksha S. Diwan  
(Scientist 'D')**

**SCIENCE & ENGINEERING RESEARCH BOARD(SERB)**

(a statutory body of the Department of Science &amp; 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: 21-Mar-2017

**ORDER**

Subject: Financial Sanction of the research project titled "**Comparative Sphingolipid Profiling of Breast Cancer Cell and Tissue Types for Identification of Potential Metastatic Biomarkers**" under the guidance of Dr. Ujjaini Dasgupta, Integrative Sciences and Health, Amity Institute of Biotechnology, Amity University, Amity education valley, panchgaon, manesar, distt. gurgaon, Gurgaon, Haryana-122413 - 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. 4715480/- (Rs. Forty Seven Lakh Fifteen Thousand Four Hundred and Eighty Only)** with break-up of **Rs. 850000/- under Capital (Non-recurring) head** and **Rs. 3865480/- under General (Recurring) head** for a duration of Three years. The items of expenditure for which the total allocation of **Rs. 4715480/-** has been approved are given below:

The following budget may be considered for **Amity University, Amity Education Valley, Panchgaon, Manesar, Distt. Gurgaon**

S. No	Head	Total (in Rs.)
<b>A</b>	<b>Non-recurring</b>	
1	Equipment -> Microscope -> Probe sonicator -> Shaking water bath -> Cell culture hood -> Refrigerated centrifuge	850000
A'	<i>Total (Non-Recurring)</i>	<b>850000</b>
<b>B</b>	<b>Recurring Items</b>	
1	Recurring - A : (Manpower, Consumables, Travel, Contingencies)	3436800
2	Recurring - B : (Overhead Charges)	428680
B'	<i>Total (Recurring)</i>	<b>3865480</b>
<b>C</b>	<b>Total cost of the project (A' + B')</b>	<b>4715480</b>

- Sanction of the **SERB** is also accorded to the payment of
  - Rs. 850000/-** (Rupees Eight Lakh Fifty Thousand only) under 'Grants for creation of capital assets' and **Rs. 200000/-** (Rupees Two Lakh only) under 'Grants-in-aid General' to **REGISTRAR, Amity University, Amity Education Valley, Panchgaon, Manesar, Distt. Gurgaon** 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 Life Sciences)**
- The Sanction has been issued to Amity University, Amity Education Valley, Panchgaon, Manesar, Distt. Gurgaon with the approval of the competent authority under delegated powers on **18 March, 2017** and vide Diary No. **SERB/F/9574/2016-17** dated **20 March, 2017**
- Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website ([www.serb.gov.in](http://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.

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. 1050000/-** (Rupees Ten 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	Amity University, Haryana
Account Number	910010023405214
Bank Name & Branch	AXIS BANK Axis Bank Ltd IMT Manesar Gurgaon 122050 Haryana
IFSC/RTGS Code	UTIB 0000720
Email id of A/C Holder	registrarauh@ggn.amity.edu
Email id of PI	dasgupta.ujjaini@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/2016/001603 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. 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.	Dr. Ujjaini Dasgupta Integrative Sciences and Health, Amity Institute of Biotechnology Amity University, Amity education valley, panchgaon, manesar, distt. gurgaon, Gurgaon, Haryana-122413 Email: dasgupta.ujjaini@gmail.com Mobile: 918130477991 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit <a href="http://www.serb.gov.in">www.serb.gov.in</a> .)
5.	REGISTRAR, Amity University, Amity Education Valley, Panchgaon, Manesar, Distt. Gurgaon  (Receipt of Grant may be intimated by name to the undersigned)

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

INDIAN COUNCIL OF MEDICAL RESEARCH  
ANSARI NAGAR, NEW DELHI-110 029

No. ISRM/12(65)/2019  
ID No.2019-3232

Dated: 26.06.2019

✓To,

The Registrar  
Amity University  
Manesar, Gurugram-122413

Sub:- Sanction and budget allotment for the New Schemes Entitled, "Identify Disease gene association using Google's Tensor Flow" under Dr Alok Srivastava, Amity University, Manesar, Gurugram-122413.

Sir,

1. The Director General of the Council sanctions the above-mentioned research scheme initially for a period of One year from 22/07/2019 to 21/07/2020 subject to extension up to the total duration specified in para 3(c) below.
2. The Director General of the Council also sanctions the budget allotment of **Rs.33,05,700/-** (Rupees Thirty three lakh five thousand seven hundred only) as detailed in the attached statement for the year 2019-20 **subject to the condition that the grant will be utilized after following the provisions laid down in the GFRs-2017 & TA Rules.** Please keep the fund in a separate Saving Bank account opened for ICMR funded Research Projects so that interest earned thereon is credited into this account.
3. The grant-in-aid will be given subject to the following conditions:
  - a) The payment of the grant will be made in lump-sum to the Head of the Institution. The first installment of the grant will be paid generally as soon as a report regarding the commencement of the project and appointment of the staff is received by the Council.
  - b) The staff appointed on the project should be paid as indicated in the budget statement attached.
  - c) The approved duration of the scheme is for 3 Years. The annual extension will be given after a review of the work done on the scheme during the previous year.
  - d) **Two copies of the annual progress report ( with a soft copy also )** of work done be submitted to the Council every year **after completion of ten months** of the project, failure of submit the report in time may lead to termination of the project.

**MAIL-IN**

Contd.....2..

**Date:** 9/7/19

**Sl. No.** 165

**File No.** \_\_\_\_\_

Director, AIB  
CFAO  
our Files

S. K. Singh  
10/07/19

- e) The institute will maintain a separate account of the receipts and the expenditure incurred on the scheme and will furnish a **utilization certificate and an audited statement of account pertaining to the grant.**
- f) **The next year grant will only be released after receipt of the Progress Report along with Utilization Certificate and Statement of Expenditure.**
- g) The other terms and conditions are indicated in Annexure I. The receipt of this letter may please be acknowledged.

Yours faithfully,



Admn. Officer  
for Director General.

**RFC No. ISRM/Ad-hoc/18/2019-20 dated 25.06.2019**

Copy together with a copy of the budget statement forwarded for information to: -

1. Dr Alok Srivastava, Amity University, Manesar, Gurugram-122413.
2. Copy together with two copies of the budget statement forwarded to the Accounts Section, ICMR for information and necessary action.

RFC No. ISRM/Ad-hoc/18/2019-20

Admn. Officer  
for Director General.

Sanction and budget allotment for the New Schemes Entitled, "Identify Disease gene association using Google's Tensor Flow" under Dr Alok Srivastava, Amity University, Manesar, Gurugram-122413.

**Budget statement**  
**(22.07.2019 to 21.07.2020)**

S.No	Budget Details	1 <sup>st</sup> Year (in Rs.)
1.	<b>Staff</b>	
	JRF (One) @ ₹25,000/- pm+30%HRA	3,90,000
	Research Assistant (Two) @ ₹31,000/-pm	7,44,000
2.	<b>Contingencies</b>	
3.	<b>Non Recurring (Equipment)</b>	
	Computer System & Hardware	7,50,000
	Software & System accessories	10,00,000
4.	<b>Recurring</b>	
	Consumables	3,00,000
5.	<b>Travel</b>	50,000
6.	<b>Overhead Charge @ 5%</b>	71,700
	<b>TOTAL</b>	<b>33,05,700</b>

(Rupees Thirty three lakh five thousand seven hundred only)

RFC No. ISRM/Ad-hoc/18/2019-20 dated 25.06.19

DOS: 22.07.2019

Duration: Three Years



Admn. Officer  
for Director General.

**INDIAN COUNCIL OF MEDICAL RESEARCH  
ANSARI NAGAR, NEW DELHI-110 029**

No ISRM/12(65)/2019

Dated: 26.06.2019

**Sub: - Payment of 1<sup>st</sup> & Final installment of grant-in-aid for the research scheme entitled, "Identify Disease gene association using Google's Tensor Flow" under Dr Alok Srivastava, Amity University, Manesar, Gurugram-122413.**

**MEMORANDUM**

Reference this office letter No ISRM/12(65)/2019 dated 26.06.2019.

The Director-General, ICMR sanction the payment of **Rs.33,05,700/-** (Rupees Thirty three lakh five thousand seven hundred only) as the 1<sup>st</sup> & final installment of the grant for the period from **22/07/2019 to 21/07/2020** for incurring expenditure in connection with the above mentioned research scheme. The amount of **Rs.33,05,700/-** may be debited out of the funds allocated to the division ISRM for the above mentioned research scheme for the year 2019-20.

A formal bill for **Rs.33,05,700/-** is sent herewith for payment **by RTGS to Amity University, Haryana**



Admn. Officer  
for Director General.

**Accounts Section-V, ICMR.**

RFC Number ISRM/Ad-hoc/18/2019-20 dated 25.06.2019 along with formal bill of **Rs. 33,05,700/-** for necessary payment (Mandate from/ Cancelled cheque/ and PFMS form are enclosed).

Copy to:

1. The Registrar, Amity University, Manesar, Gurugram-122413
2. Dr Alok Srivastava, Amity University, Manesar, Gurugram-122413

  
Admn. Officer  
for Director General.

DST FIST Dr. Rajendra Prasad



**Dr. A Mukhopadhyay**  
Head  
R&D Infrastructure Division  
Email: [tsd@nic.in](mailto:tsd@nic.in)  
Tel. + Fax: 011-26602193

भारत सरकार  
विज्ञान और प्रौद्योगिकी मंत्रालय  
विज्ञान और प्रौद्योगिकी विभाग  
टेक्नोलॉजी भवन नया मेहरौली रांग नई दिल्ली - 110016

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

SR/FST/LSI-664/2016

15<sup>th</sup> December 2016

Subject: Your Proposal under "FIST Program - 2016"

Dear Sir,

This is in connection with the aforesaid proposal submitted by your Department/ Centre under the FIST Program of DST. We are happy to inform you that the aforesaid proposal has been approved for support in Level-I or Level-II category by the DST based on the recommendations of the FIST Board (FISTAB). The details of the recommendations for 5 years duration of the project are given below:

**To augment the research facilities in the Department (Being private University the amount would be shared on 50:50 ratio).**

**E – Rs 150.0L [LC-MS-MS]  
M – Rs 15.0L**

**Total: Rs.165.0 Lakh**

**It may be noted that the allocations indicated now above with respect to any Equipment or any other budget heads are the upper limit of the budget as they are purely based on recommendations and also tentative. However, Department shall now finally firm-up specifications/ configurations of each Equipment, Computational & Networking facility in Computer Lab, Infrastructure Facility as recommended above for acquiring by the Department/ Centre/ School and actual cost of this project shall be firm up based on these inputs from you and finally it may be less. The support for the 'Maintenance' will be provided as per norms under FIST Program. The type of equipment and its specifications/ configurations finalized now by the Department/Centre/ School would not be possible to change during the course of implementation of the said project. For enabling us to process the case further, including the release of 1<sup>st</sup> installment of grant now, you are requested to please submit the following documents **latest by before 10<sup>th</sup> February 2017 (Friday)**:**

- 1) One each Budgetary Quotation from Equipment supplier (all-inclusive i.e. Custom Duty, Bank & other Charges) for all Equipment recommended for support. Please ensure that the budgetary cost is not an inflated one with respect to its specifications given. In case, Equipment list "to be identified & prioritized", please submit quotations of the identified & prioritized Equipment only.
- 2) Details plans for implementation of the 'Networking and Computational Facilities' (NW) under the support as per guidelines mentioned in the *Terms and Conditions* of DST-FIST Program available at the Website: [www.fist-dst.org](http://www.fist-dst.org). Please download 'Terms & Conditions' and submit the same on completion of all formalities along with above-said documents to DST.
- 3) Details & their cost estimates of Items/ activities recommended & proposed under 'Infrastructure Facility' which includes the list of Books, etc.
- 4) For implementation of the project, the Department/School/Centre shall constitute an '**Project Implementation Group**' who shall be responsible & accountable for its implementation during the project duration of 5 years. The composition of the '**Project Implementation Group**' shall be informed to DST by the Department/School/ Centre.

(AIB - Dr. R)

Dr.  
(AIB)



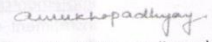
- 5) The respective Department/ School/ Centre shall handle this project grant through only Saving Bank Account at the University/ Institute level. **Hence, the concerned Department/Centre/School shall need to forward a photocopy of a Blank Cheque only for their Institute/ University Saving Bank Account which is maintained & operated by the Registrar (for University) or Director (for Institute) or Comptroller (for Agricultural University) to facilitate the transfer of grants through ECS Transfer System. The Department/Centre/School shall also ensure the registration of their respective organization under Plan Finance Monitoring Scheme (PFMS) [www.cga.nic.in] for R&D Support (1009) head of A/c and attach the Registration Details of their University/Institute along with other documents.**
- 6) The respective Department/ School/ Centre shall also provide the 12(B) Certificate issued by the University Grants Commission (UGC) towards the eligibility of that University/Institution of receiving Central assistance under the FIST program of the DST.

The Department/ Centre/ School who have already enjoyed support earlier under FIST Program and recommended for **Repeat Support** now, shall need to complete all formalities i.e. submission of Project Completion Report, Audited Financial Statements, refund of unspent funds etc. for the previously supported project under DST-FIST Program. Processing towards releasing the grants to such Department/ School/ Centre would not be possible to initiate without completion of all formalities for the previous project. **Blank Format** towards closure of previous project is also available at the Website: [www.fist-dst.org](http://www.fist-dst.org).

**Departments/ Centres/ Schools are also requested for sending all documents at one stage instead of sending them in parts by Post only. Please avoid of sending these documents by Email as well as at the last moment. Incomplete documents submitted by any Department/ Centre/ School would be unable to process for releasing grants and the matter would be kept pending maximum for six months, beyond which recommendations for the Department/Centre/School deemed to be forfeited automatically for considering support under DST-FIST Program.**

We look forward for kind cooperation from you in this regard and if any clarifications are needed, please feel free to contact us. **Please submit the following documents before 10<sup>th</sup> February 2017 (Friday). All documents will be required to send by Post. Documents shall not be sent by E-mail for releasing fund.**

With best regards.

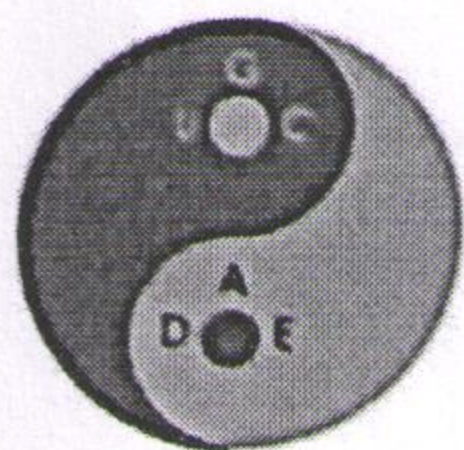
  
(A. Mukhopadhyay)

To

**Head,**  
Department of Biotechnology,  
Amity Institute of Biotechnology,  
Amity University Haryana,  
Amity Education Valley,  
Gurgaon (Manesar)-122413  
Haryana

[Note: E – Equipment, NW – Networking & Computational Facility, IF – Infrastructure facility, M – Maintenance]





Indore Centre  
केन्द्र-निदेशक

## UGC-DAE Consortium for Scientific Research

विश्वविद्यालय अनुदान आयोग – परमाणु ऊर्जा विभाग वैज्ञानिक अनुसंधान संकुल

(An autonomous institution of UGC, New Delhi)

(विश्वविद्यालय अनुदान आयोग, नई दिल्ली द्वारा स्थापित स्वशासी संस्थान)

(Formerly Inter University Consortium for DAE Facilities: IUC-DAEF)

Dr. V. Ganesan  
Centre-Director

Ref: CSR-IC-BL-74/CRS-191/2017-18/ 689, 4<sup>th</sup> Oct, 17

Dr. Ankush Vij,  
Amity School of Applied Sciences,  
Amity University,  
Gurgaon, Haryana  
avijl@ggn.amity.edu

Sub:- Your proposal entitled "Development of nanophosphors for solid state lighting Electronic structure and luminescence study".

Dear Dr. Ankush Vij,

We are happy to inform you that your CRS proposal has been renewed for one more year for the period 1<sup>st</sup> April, 2017 to 31<sup>st</sup> March, 2018, subject to compliance of other procedures:

The financial allocation for this year will be:	
Project Fellow (@ Rs.25000/- pm) + HRA	Rs. 3,00,000/- + HRA
Contingency	Rs.15,000/-
Consumables	Rs.30,000/-

300  
45  
345

1. The project is assigned to beamline No. BL-1 of Indus-2, Dr. Dinesh Shukla will coordinate the activities of the project.
2. The Project will be reviewed at the end of each year and a decision will be taken on the financial allocation for the succeeding year.
3. The CSR will be able to reimburse the travel expenses to investigators as well as student under the project as per CSR guidelines for visiting CSR, Indore Centre on project work.
4. After 2 years as Project Fellow, if the research work is found satisfactory on assessment by a Committee with atleast one research paper in a reputed journal, the Project Fellow may be upgraded to Project Fellow-II with the fellowship of Rs.16,000/- pm + HRA.
5. The PI and the co-ordinator from CSR side are requested to make every effort to complete the project in time that may enable the research scholar working in the project to complete his/her Ph.D. degree well within the stipulated time limit.
6. This is a Collaborative Research Scheme. In view of the complex and involved nature of the experiments, any publication emerging under the project must be of collaborative in nature with due consents from the participating institutions / persons, and in consultation with the CRS coordinator. The publication should also acknowledge the UGC-DAE CSR, Indore for the project support.
7. Money for the year 2017-18 will be transferred to the Registrar of your University under intimation to you by our Accounts Section after adjusting the unspent balance of the grant released earlier, if any, upto financial year ending on 31.3.2017, upon receiving the following: (a) Statement of Account for the period upto 31.3.2017 signed by the Registrar and (b) Certificate of Utilisation of money spent till 31.3.2017, signed by the Registrar.

Yours sincerely,

V. Ganesan  
(V. Ganesan)

Copy to the following for information and necessary action:-

1. The Administrative Officer-I (Accounts), UGC-DAE CSR, Indore Centre.
2. The Registrar, Amity University, Gurgaon, Haryana.
3. Dr. Dinesh Shukla, CSR, Indore Centre
4. The PS to Centre-Director, CSR, Indore Centre for project file.

विश्वविद्यालय परिसर, खण्डवा रोड, इन्दौर-452 001 (म.प्र.)

University Campus, Khandwa Road, INDORE - 452 001 (M.P.) INDIA

Phone +91-731-2472200, 2908150 - Direct, PBX- 2463913, 2762267, 2472201 Exnt 192. 311

Fax +91-731- 2465437 . e-mail : vganesan@csr res in: cd indore@csr res in

www.csr.res.in

## Fw: SERB-Notification

**Dr Rajendra Prasad**

Mon 05/11/2018 12:01

To: Ranjeet Kumar Brajpuriya <rkbrajpuriya@ggn.amity.edu>;

Cc: Dev Mani <dmani@ggn.amity.edu>;

Rajendra Prasad, Ph.D, FNASc, FASc, FNA  
Dean, Faculty of Science, Engineering and Technology  
Director, Amity Institute of Integrative Sciences and Health  
Director, Amity Institute of Biotechnology  
Amity University Haryana,  
Amity Education Valley  
Gurgaon-122413  
India

---

From: Munindra Ruwali <munindraruwali@gmail.com>

Sent: Monday, November 5, 2018 11:48 AM

To: Dr Rajendra Prasad

Subject: Fwd: SERB-Notification

Dear Sir

I am happy to share with you that my project proposal has been approved by the SERB for funding under Teachers Associateship for Research Excellence (TARE) scheme.

Kindly refer to the trail mail for details.

Best Regards

Dr. Munindra Ruwali

### 2.3 Objectives:

1. What is the nature of drug binding pocket of drug transport mediated by Mdr1p and Cdr1p.
2. How drug and H<sup>+</sup> transport are coordinated by H<sup>+</sup>/drug antiporter Mdr1p.
3. How intra-domain communication of drug transporters is maintained in these multi-domain transporters.
4. What is the role of other members of ABC family and their relevance in drug transport
5. What is the contribution of ABC and MFS family transporters in MDR of emerging non-albicans pathogenic yeasts

### 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. **7472400/-** (Rupees Seventy Four Lakhs Seventy Two Thousand Four Hundred Only) as per details given below :

Budget Head	Year I	Year II	Year III	Total (Rs.)
Equipment	2949000.00			<b>2949000.00</b>
Manpower	532800.00	532800.00	532800.00	<b>1598400.00</b>
Overhead	50000.00	50000.00	50000.00	<b>150000.00</b>
Travel	25000.00	25000.00	25000.00	<b>75000.00</b>
Consumables	900000.00	850000.00	800000.00	<b>2550000.00</b>
Contingency	50000.00	50000.00	50000.00	<b>150000.00</b>
<b>Total (Rs.)</b>	<b>4506800.00</b>	<b>1507800.00</b>	<b>1457800.00</b>	<b>7472400.00</b>

### 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:

<b>Demand No. 85</b>	<b>Department of Biotechnology</b>
<b>3425</b>	Other Scientific Research 2016-2017
<b>3425.60</b>	Others (Sub Major Head)
<b>3425.60.200</b>	Assistance to other Scientific Bodies (Minor Head)
<b>3425.60.200.29</b>	Biotechnology Research and Development
<b>3425.60.200.29.17</b>	Assistance for Research and Development
<b>3425.60.200.29.17.35</b>	Grants for creation of capital assets

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

<b>Demand No. 85</b>	<b>Department of Biotechnology</b>
<b>3425</b>	Other Scientific Research 2016-2017
<b>3425.60</b>	Others (Sub Major Head)
<b>3425.60.200</b>	Assistance to other Scientific Bodies (Minor Head)
<b>3425.60.200.29</b>	Biotechnology Research and Development
<b>3425.60.200.29.17</b>	Assistance for Research and Development
<b>3425.60.200.29.17.31</b>	Grants-in-aid General

#### **4. Terms & Conditions:**

A. In case the whole or a 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. B. Non-Recurring grant shall be utilized within 18 month of their release. C. Memorandum of Agreement (MOA) has been signed between the Department of Biotechnology and the grantee institution.

- 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 Registrar, Amity University Haryana, Gurgaon, Haryana 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/4186/2016-2017** dated **March, 10 2017**.

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

(Dr. Manish Rana)  
Scientist 'D'

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 Registrar, Amity University Haryana, Amity Education Valley, Manesar, Gurgaon - 122413, Haryana
- 3 Prof. Alok Kumar Mondal, Professor, School of Life Sciences, Jawaharlal Nehru University, Aruna Asaf Ali Marg, South West Delhi - 110067, Delhi
- 4 Prof. Rajendra Prasad, Director, Amity Institute of Integrative Sciences and Health, Amity University Haryana, Amity Institute of Biotechnology, Amity Education Valley, Gurgaon - 122413, Haryana
- 5 Cash Section, DBT (2 copies).
- 6 Sanction Folder.
- 7 File Copy.

(Dr. Manish Rana)  
Scientist 'D'

427

R

Recurring  
Appl. No. MDR-TB/2017/11

No. BT/PR23016/NER/95/581/2017  
GOVERNMENT OF INDIA  
MINISTRY OF SCIENCE & TECHNOLOGY  
DEPARTMENT OF BIOTECHNOLOGY  
(NER-BPMC)

Block 2, (6-8th Floors  
CGO Complex, Lodhi Road  
New Delhi- 110 002

Date: 14/01/18

**RELEASE ORDER**

In continuation of this Department's sanction order of even number dated Jan 09, 2019 sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rule, 1978 for the release of Rs. **15138008.00** (Rupees One Crores Fifty One Lakhs Thirty Eight Thousand and Eight Only) being the first year release for the project entitled "**Comprehensive Omics studies to understand the biology of drug resistant Mycobacterium tuberculosis clinical isolates from Arunachal Pradesh**", being implemented by

1. Dr. Asif Mohammed, International Centre for Genetic Engineering & Biotechnology, Aruna Asaf Ali Marg - 110067, Delhi.
2. Dr. Moi Nyori, State Tuberculosis Cell, Arunachal Pradesh, Department of Health & Family Welfare, Naharlagun, Itanagar - 791110, Arunachal Pradesh.
3. Prof. Sarman Singh, All India Institute of Medical Sciences Bhopal, AIIMS, Bhopal, Bhopal - 462020, Madhya Pradesh.
4. Dr. Zeeshan Fatima, Amity University Haryana, Gurugram (Manesar), Manesar - 122413, Haryana Darpan ID UPI/2017/0174218

The detailed break-up is as given below:

SNo	Institute Name	Recurring						Total Release Amount (Rs)
		Manpower	Consumable	Travel	Contingency	Others	Overhead	
1	All India Institute of Medical Sciences Bhopal	3041016.00	3000000.00	100000.00	50000.00	0.00	100000.00	6291016.00
2	Amity University Haryana	390000.00	600000.00	50000.00	50000.00	0.00	100000.00	1190000.00
3	International Centre for Genetic Engineering & Biotechnology	1216992.00	1200000.00	50000.00	50000.00	0.00	100000.00	2616992.00

Generated through eProMIS

Vaidya



17  
Non-Recurring  
Appl. No. MDR-TB/2017/1

No. BT/PR23016/NER/95/581/2017  
GOVERNMENT OF INDIA  
MINISTRY OF SCIENCE & TECHNOLOGY  
DEPARTMENT OF BIOTECHNOLOGY

Block 2, (6-8th Floors)  
CGO Complex, Lodhi Road  
New Delhi- 110 002

Date: 21/5/19

**RELEASE ORDER**

In continuation of this Department's sanction order of even number dated Jan 09, 2019 sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rule, 1978 for the release of Rs. **40855000.00** (Rupees Four Crores Eight Lakhs Fifty Five Thousand Only) being the first year release for the project entitled "**Comprehensive Omics studies to understand the biology of drug resistant Mycobacterium tuberculosis clinical isolates from Arunachal Pradesh**", being implemented by

1. Dr. Asif Mohammed, International Centre for Genetic Engineering & Biotechnology, Aruna Asaf Ali Marg, - 110067, Delhi.
2. Dr. Moi Nyori, State Tuberculosis Cell, Arunachal Pradesh, Department of Health & Family Welfare, Naharlagun, Itanagar - 791110, Arunachal Pradesh,
3. Dr. Sarman Singh, All India Institute of Medical Sciences Bhopal, AIIMS, Bhopal, Bhopal - 462020, Madhya Pradesh,
4. Dr. Zeeshan Fatima, Amity University Haryana, Gurugram (Manesar), Manesar - 122413, Haryana, Darpan ID: UP/2017/0174218

The detailed break-up is as given below:

SNo	Institute Name	Non Recurring		Total Release Amount (Rs)
		Equipment	Other	
1	All India Institute of Medical Sciences Bhopal	1644000.00	0.00	1644000.00
2	Amity University Haryana	3038000.00	0.00	3038000.00
3	International Centre for Genetic Engineering & Biotechnology	1068000.00	0.00	1068000.00
4	State Tuberculosis Cell, Arunachal Pradesh	35105000.00	0.00	35105000.00

*M. A. S.*

2. The amount of Rs. **40855000.00** /- (**Rupees Four Crores Eight Lakhs Fifty Five Thousand and Only**) will be directly credited by the Pay & Accounts Officer, DBT in the account as detailed below:

1. Rs. **1068000.00** /- (**Rupees Ten Lakhs Sixty Eight Thousand Only**) to The Director, International Centre for Genetic Engineering & Biotechnology, ARUNA ASAF ALI MARG, New Delhi - 110067, Delhi

Bank Name : Canara Bank  
Branch Name : Jit Singh Marg New Delhi Branch  
A/c No. : 1484201003032  
IFSC Code : CNRB0001484  
MICR Code : 110015015

2. Rs. **35105000.00** /- (**Rupees Three Crores Fifty One Lakhs Five Thousand Only**) to The State Tuberculosis Officer, State Tuberculosis Cell, Arunachal Pradesh, Department of Health & Family Welfare, Nahariagun, Itanagar - 791110, Arunachal Pradesh

Bank Name : State Bank of India  
Branch Name : 'G' Extension, SBI Branch  
A/c No. : 30261122698  
IFSC Code : SBIN0003232  
MICR Code : 791002003

3. Rs. **1644000.00** /- (**Rupees Sixteen Lakhs Fourty Four Thousand Only**) to The Director, All India Institute of Medical Sciences Bhopal, Saket Nagar, Bhopal, Bhopal - 462020, Madhya Pradesh

Bank Name : Bank of Baroda  
Branch Name : AIIMS Saket Nagar, Bhopal (MP)  
A/c No. : 37160100001305  
IFSC Code : BARB0AIIMSX  
MICR Code : 462012016

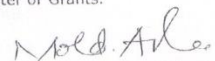
4. Rs. **3038000.00** /- (**Rupees Thirty Lakhs Thirty Eight Thousand Only**) to The Registrar, Amity University Haryana, Amity Education Valley, Manesar, Gurgaon - 122413, Haryana

Bank Name : AXIS BANK LTD  
Branch Name : MANESAR [HR]  
A/c No. : 910010023405214  
IFSC Code : UTIB0000720  
MICR Code : 110211062

3. The expenditure involved is debitible to:

Demand No. 85	Department of Biotechnology
3425	Other Scientific Research 2019-2020
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Biotechnology Research and Development
3425.60.200.29.17	Assistance for Research and Development
3425.60.200.29.17.35	Grants for creation of capital assets

4. The State Tuberculosis Officer, State Tuberculosis Cell, Arunachal Pradesh, Itanagar, Arunachal Pradesh and The Director, International Centre for Genetic Engineering & Biotechnology, New Delhi, Delhi and The Registrar, Amity University Haryana, Gurgaon, Haryana and The Director, All India Institute of Medical Sciences Bhopal, Bhopal, Madhya Pradesh 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 Organizations 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 Organization 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 Utilization 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. The other terms and conditions governing the financial sanction will remain unaltered.
9. This issues under the powers delegated to this Department and with the concurrence of IFD, DBT, vide their SAN No. **102/IFD/SAN/426/2019-2020** dated **May, 16 2019**.
10. This sanction order has been noted at serial no. 17 in the Register of Grants.

  
(Dr. Mohd Aslam)  
Adviser/Scientist 'G'

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. Sarman Singh (Project Co-ordinator), Professor, Department of Laboratory Medicines, All India Institute of Medical Sciences Bhopal, AIIMS, Bhopal, Bhopal - 462020, Madhya Pradesh
- 3 The Director, International Centre for Genetic Engineering & Biotechnology, Aruna Asaf Ali Marg, New Delhi - 110067, Delhi
- 4 The Registrar, Amity University Haryana, Amity Education Valley, Manesar, Gurgaon - 122413, Haryana
- 5 The Director, All India Institute of Medical Sciences Bhopal, Saket Nagar, Bhopal, Bhopal - 462020, Madhya Pradesh
- 6 The State Tuberculosis Officer, State Tuberculosis Cell, Arunachal Pradesh, Department of Health & Family Welfare, Naharlagun, Itanagar - 791110, Arunachal Pradesh
- 7 Dr. Moi Nyori, STO, Department of Health, State Tuberculosis Cell, Arunachal Pradesh, Department of Health & Family Welfare, Naharlagun, Itanagar - 791110, Arunachal Pradesh
- 8 Dr. Asif Mohammed, Group Leader, Parasite Cell Biology Group, International Centre for Genetic Engineering & Biotechnology, Aruna Asaf Ali Marg, - 110067, Delhi
- 9 Dr. Zeeshan Fatima, Assistant Professor, Amity Institute of Biotechnology, Amity University Haryana, Gurugram (Manesar), Manesar - 122413, Haryana
- 10 Dr. Sarman Singh, Professor, Department of Laboratory Medicines, All India Institute of Medical Sciences Bhopal, AIIMS, Bhopal, Bhopal - 462020, Madhya Pradesh
- 11 Cash Section, DBT (2 copies).
- 12 Sanction Folder.
- 13 File Copy.
- 14 US (IFD), DBT With a request to re-appropriate an amount of ₹. 40855000.00 From the respective NER budget.

*Mohd. Aslam*  
(Dr. Mohd Aslam)  
Adviser/Scientist 'G'

**No. DST/TM/WTI/2K16/207 (G)**  
 Government of India  
 Ministry of Science and Technology  
 Department of Science and Technology

Technology Bhavan  
 New Mehrauli Road  
 New Delhi-110 016  
 Date: 03.03.2017

**Sanction Order**

Subject: Financial support for project entitled "Developing rapid, sensitive, high throughput, user-friendly kit for routine detection of androgens and antiandrogens in water." submitted by Dr. Gargi Bagchi Bhattacharjee, Amity University, Gurgaon, Haryana.

Sanction of the President is hereby accorded to the above-mentioned project at a total cost of Rs. 32,20,400/- (*Rupees Thirty-two Lakhs Twenty thousand four hundred only*), with break up of Rs. 5,00,000/- (*Rupees Five lakhs only*) under capital head and Rs. 27,20,400/- (*Rupees Twenty-seven Lakhs Twenty thousand and four hundred only*) under General head for a duration of 36 months. The items of expenditure for which the total allocation has been approved are given below:

S. No	Items	Amount in (Rs.)			
		1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	Total
<b>A</b>	<b>Capital Equipment:</b>				
	1. Microplate Reader (no.1)	2,25,800			
	2. Electrophoresis Apparatus (no.1)	80,000			
	3. Rotatory Vacuum Evaporator (no.1)	1,00,000			
	4. -20 degree Deep Freezer (no.1)	94,200			
	Total	5,00,000			5,00,000
<b>B</b>	<b>Recurring General:</b>				
1.	Manpower: a) SRF(no.1.)	4,36,800	4,36,800	4,36,800	13,10,400
2.	Consumables	4,34,831	3,80,547	84,622	9,00,000
3.	Travel	Nil	30,000	30,000	60,000
4.	Contingencies	50,000	50,000	50,000	1,50,000
5.	Overhead Charges	1,00,000	1,00,000	1,00,000	3,00,000
	<b>SubTotal(General)</b>	<b>10,21,631</b>	<b>9,97,347</b>	<b>7,01,422</b>	<b>27,20,400</b>
	<b>Grand Total(A + B)</b>	<b>15,21,631</b>	<b>9,97,347</b>	<b>7,01,422</b>	<b>32,20,400</b>

2. The sanction of the President is also accorded to the payment of an amount of Rs 10,21,631/- (*Rupees Ten Lakhs twenty one thousand six hundred and thirty one only*) under 'Grants-in-aid General' to Registrar, Amity University, Haryana, for the year 2016-17 for implementation of the said project.

3. Sanction of the grants is subject to the conditions as detailed in DST's website [www.dst.gov.in](http://www.dst.gov.in). The acceptance of the grant will automatically imply acceptance of DST's term and conditions of the grant. The emoluments to the project manpower would be governed by DST guidelines, terms and conditions

*Neha*  
S.C.E

mentioned in OM No A. 20020/11/97-IFD dated 31<sup>st</sup> March 2010 available on DST Website. 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.

4. The amount of *Rs 10,21,631/- (Rupees Ten Lakhs twenty one thousand six hundred and thirty one only)* will be disbursed under **'Grants-in-aid General'** to Registrar, Amity University, Haryana through RTGS as per following details:

Name of the Account Holder	Registrar, Amity University Haryana
Name of the bank	Axis Bank Limited
Branch Address	Manesar (HR, Manesar 122050), Gurgaon.
IFSC code	utib0000720
MICR code	110211062
Account Number	910010023405214

5. The expenditure involved is debitable to -

Demand No.77	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 (SERI/WTI)
26.01.31	<b>Grant-in-aid General for the year 2016-2017 (SERI/WTI)</b>

6. The sanction has been issued under the powers delegated to the Ministries, with the concurrence diary No.6012, of IFD, DST, dated: 03.03.2016.

7. The unique ID of the grantee at the NGO Darpan Portal is DL/2016/0107600.

8. The organization/Institute/University should ensure that the technical support/financial assistance provided to them by the Department of Science and Technology should invariably be highlighted/acknowledged in their media releases as well as in bold letters in the opening paragraph of their Annual Report.

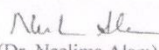
9. It is important that the information and knowledge generated through the use of these funds are made publicly available as soon as possible. In order to achieve the aforementioned objectives, each institution is encouraged to set up its own inter-operable institutional open access repository ("IR") for its research papers and review articles published in peer reviewed journals. The Ministry of Science and Technology has set up a central harvester ([www.sciencecentral.in](http://www.sciencecentral.in)) that will harvest the full text and metadata of these publications. Kindly update the findings accordingly.

10. 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. All purchases of equipments etc. would be as per GFR and the disposal of the same would be done with prior approval of DST. As per Rule 211 GFRs, the accounts of the project shall be open to inspection by the sanctioning authority/audit whenever the Institute is called upon to do so.

11. The Institute will maintain separate audited accounts for the project. The grant will be kept 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 to be adjusted towards further installment of the grant.

12. The Sanction Order is entered in the register of grants of TMD: WTI Division at Sl. No. 173 (WTI) for the Financial Year 2016-17.

13. It is certified that the no UCs/SEs from the grantee(s) are pending under this scheme/ project.

  
(Dr. Neelima Alam)  
Scientist-E  
Email: [neelima.alam@nic.in](mailto:neelima.alam@nic.in)

To: The Pay and Accounts Officer, DST, New Delhi

Copy for information and necessary action to:

1. Cash Section(3 copies), DST, New Delhi--for preparing the bill and remitting the amount to the grantee
2. Accounts Section, DST, New Delhi, 3. IFD, DST, New Delhi.
3. Director of Audit (CW & M-II), AGCR Building, IP Estate, New Delhi.
4. **Dr. Gargi Bagchi Bhattacharjee**  
Assistant Professor  
Amity University Haryana, Amity Education Valley  
Manesar, Gurgaon, Haryana - 122413  
E-mail: [gbagchi@ggn.amity.edu](mailto:gbagchi@ggn.amity.edu); [gargi\\_bagchi@yahoo.com](mailto:gargi_bagchi@yahoo.com)
5. Sanction folder, 6. Office Copy, 7. Head-TMD

*Neelima Alam*  
(Dr. Neelima Alam)  
Scientist-E

FILE NO. EMR/2016/002051  
**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-Aug-2017

**ORDER**

Subject: Financial Sanction of the research project titled "**Role of Cyclic di-AMP in ribosome biogenesis, 16S rRNA methyltransferase (RsmD) function and drug resistance in Mycobacterium**" under the guidance of Dr. Krishna Murari Sinha, AIISH, Amity University, Amity education valley, panchgaon, manesar, distt. gurgaon, Gurgaon, Haryana-122413 - 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. 3536000/- (Rs. Thirty Five Lakh Thirty Six Thousand Only)** with break-up of **Rs. 0/- under Capital (Non-recurring) head and Rs. 3536000/- under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 3536000/-** has been approved are given below:

The following budget may be considered for **Amity University, Amity Education Valley, Panchgaon, Manesar, Distt. Gurgaon**

S. No	Head	Total (in Rs.)
<b>A</b>	<b>Non-recurring</b>	
1	Equipment	0
A'	Total (Non-Recurring)	0
<b>B</b>	<b>Recurring Items</b>	
1	Recurring - A : ( Manpower, Consumables, Travel, Contingencies)	3236000
2	Recurring - B : (Overhead Charges)	300000
B'	Total (Recurring)	<b>3536000</b>
C	Total cost of the project (A' + B')	<b>3536000</b>

2. Sanction of the **SERB** is also accorded to the payment of
  - and **Rs. 1178000/-** (Rupees Eleven Lakh Seventy Eight Thousand only) under 'Grants-in-aid General' to **Registrar, Amity University, Amity Education Valley, Panchgaon, Manesar, Distt. Gurgaon** being the first installment of the grant for the year 2017-2018 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 Amity University, Amity Education Valley, Panchgaon, Manesar, Distt. Gurgaon with the approval of the competent authority under delegated powers on **24 July, 2017** and vide Diary No. **SERB/F/3804/2017-2018** dated **27 July, 2017**
5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website ([www.serb.gov.in](http://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.



8/3/2017

The Electronic Project Proposal Management System, For SERB

10. The release amount of Rs. 1178000/- (Rupees Eleven Lakh Seventy Eight 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	Amity University Haryana
Account Number	910010023405214
Bank Name & Branch	Axis Bank Ltd IMT-Manesar, Gurgaon 122050, Haryana
IFSC/RTGS Code	utib0000720
Email id of A/C Holder	registrarauh@ggn.amity.edu
Email id of PI	krishnamurarisinha2012@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/2016/002051 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

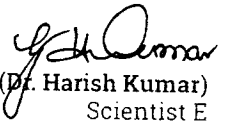
14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

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.

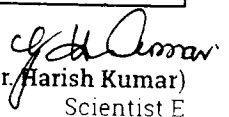
  
(Dr. Harish Kumar)  
Scientist E

ms\_bb@serbonline.in

To,  
Under Secretary  
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. Krishna Murari Sinha AIISH Amity University, Amity education valley, panchgaon, manesar, distt. gurgaon, Gurgaon, Haryana-122413 Email: krishnamurarisinha2012@gmail.com Mobile: 919654032491 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit <a href="http://www.serb.gov.in">www.serb.gov.in</a> .)
5.	Registrar, Amity University, Amity Education Valley, Panchgaon, Manesar, Distt. Gurgaon (Receipt of Grant may be intimated by name to the undersigned)

  
(Dr. Harish Kumar)  
Scientist E

ms\_bb@serbonline.in



ZEESHAN FATIMA &lt;drzeeshanfatima@gmail.com&gt;

---

**regarding EMR project**

1 message

**EMR AYUSH** <emr\_ayush@yahoo.com>

Tue, May 30, 2017 at 10:59 AM

Reply-To: EMR AYUSH &lt;emr\_ayush@yahoo.com&gt;

To: ZEESHAN FATIMA &lt;drzeeshanfatima@gmail.com&gt;, "Dr. Zeeshan Fatima" &lt;zfatima@ggn.amity.edu&gt;

Dear Dr. Zeeshan Fatima,

The undersigned is directed to refer to EMR study titled "**Evaluation of antimycobacterial potential of Unani Drugs Qurs-e-Sartan Kafoori and Sharbat-e-Ejaz-A Mechanistic Approach**". The study was placed before the Project Approval Committee in its meeting held on 21.09.2016 at Ministry of AYUSH, under the Chairmanship of Secretary, Ministry of AYUSH.

2. In this regard, it is to inform you that your project has been conditionally approved by the PAC. In order to expedite further action in the matter you are requested to register under CPSMS at the website [www.cpsms.nic.in](http://www.cpsms.nic.in) and send the unique identity code and other registration details and furnish the following documents related to your study.

- i. Bond for an amount of Rs.**47,89,970/-**.
- ii. An undertaking that terms & conditions of the grant are acceptable to the organization.
- iii. Pre-stamped receipt as per format enclosed for Rs. **14,78,800/-**
- iv. Account details (Requisition form for the Electronic Transfer of Funds (ETF) )
- v. No financial assistance certificate
- vi. Agency details

Please find attached format for bond, pre-stamped receipt.

O/o Advisor (Unani) and Program Officer (EMR Scheme), Ministry of AYUSH,

Government of India  
Ministry of Science and Technology  
Department of Science & Technology  
(International Bilateral Cooperation Division)

Sanction  
Order

Technology Bhavan, New Mehrauli Road  
New Delhi-110016  
Date: 12.06.2017

DST/INT/POL/P-35/2016

**ORDER**

Subject: Implementation of Indo- Poland Joint project entitled: "Novel potential antifungal drugs active against multidrug-resistant yeasts from the Candida genus" coordinated by Dr. Rajendra Prasad, Amity University, Gurgaon with the Poland partner Dr Slawomir Milewski, Gdańsk, Poland - regarding.

Sanction of the President is hereby accorded for incurring an expenditure not exceeding Rs.26,31,000/- (Rupees Twenty Six lakh and Thirty One Thousand only) for implementation of the Indo- Poland joint project entitled "Genetic biomarkers for breast cancer subtypes: the role of membrane receptors in modeling of heterogeneous populations of tumor cells" coordinated by Dr. Rajendra Prasad, Amity University, Gurgaon in collaboration with Dr Slawomir Milewski, Gdańsk, Poland for a total duration of Three years from the date of issue of the Sanction Order. The detailed breakup of the grant for General as well as Capital Components are given below:-

General Component : Rs. 26,31,000/-  
Capital Component : Rs. NIL

2. As per the terms and conditions, agreed by both side, under the project the sending side will bear the cost related to the International air travel, medical insurance and visa charges whereas the receiving side shall bear the cost of accommodation, hospitality and local travels of the visiting scientist. The break-up of approved expenditure is as indicated below :

Item of Expenditure	Amount		
	First year	Second year	Third year
<b>1. Mobility of scientists</b>			
Two visits from each side each year			
• For visit of Indian scientists to Poland	1,88,000	1,88,000	1,88,000
• For visit of Polish Scientists to India	1,44,000	1,44,000	1,44,000
(as per calculated in Annexure)			
<b>2. Consumables</b>	4,50,000	4,50,000	4,50,000
<b>3. Contingency</b>	50,000	50,000	50,000
<b>Year wise Cost</b>	<b>8,32,000</b>	<b>8,32,000</b>	<b>8,32,000</b>
<b>Overhead 10% on consumables</b>	<b>45,000</b>	<b>45,000</b>	<b>45,000</b>
<b>Total Year wise Cost</b>	<b>8,77,000</b>	<b>8,77,000</b>	<b>8,77,000</b>
<b>Total cost</b>	<b>Rs 26,31,000/-</b>		

3. Sanction of the President is hereby accorded for release of 1<sup>st</sup> instalment amounting of Rs. 8,77,000/- (Rupees Eight lakh and Seventy Seven Thousand only) to the grantee Institute. The amount of grant will drawn by the Drawing and Disbursing Officer, DST and will be disbursed to Amity University, Gurgaon. The bank details for electronic transfer of funds through RTGS are given below:-

*[Handwritten signature]*

Account Holders name/ designation	Amity University, Gurgaon
Name of Bank	Axis Bank
Bank Account Number	910010023405214
IFSC Code	UTIB0000720
E-Mail	-----

**Condition for placing of grant amount :**

4. The institute will maintain separate audited account for the project and the amount of grant will be kept in a bank account earning interest. The interest earned should be reported to DST while submitting the (financial year wise) Statement of Expenditure/Utilization Certificate. The interest thus earned will be treated as a credit to the institute to be adjusted towards further instalment of the grant.

**Conditions for submission of SE/UC and Progress report:**

5. (a) the grantee organisation will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

(b) While submitting Utilisation Certificate/Statement of Expenditure, the organisation has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.

(c) a transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/ Organisation under the appropriate rules of the grantee organisation while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organisation immediately on receipt of the grant;

6. The grantee organisation will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

7. In the event grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.

**Conditions of Assets (if any) :**

8.(a) DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.

(b) The equipment/instrument shall have to be purchased within twelve months from the date of release of the capital grant. Fresh permission shall have to be sought from DST, in the event, the Institute fails to purchase the equipment/instrument within the prescribed period of twelve months from the date of release of sanctioned amount.

*long*

**Conditions for International Visits :**

9. All project related visits to be undertaken by the Scientists from either side in connection with the implementation of the project shall require prior approval from this Department separately on a case to case basis before any expenditure is incurred in this regard.

10. As per MoF instructions, it has been decided that in all cases of air travel, both domestic and international, where the Government of India bears the cost of air passage, the officials concerned may travel only by Air India. For travel to stations not connected by Air India, the officials may travel by Air India to the hub/point closest to their eventual destination, beyond which they may utilize the services of another airline which should also preferable be an alliance partner of Air India.

**Other Conditions:**

11. The account of the grantee organisation shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organisation is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.

12. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organisation in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.

13. In case the scheme provides for payment of honorarium / remuneration / fellowship / scholarship to the PI, a para may suitably be incorporated in the DSO to the effect that "PI is not drawing any emoluments/ salary/ fellowship from any other project either supported by DST or by any other funding agency.

14. **Failure to comply with the terms and conditions of the sanction order will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.**

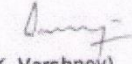
15. The expenditure involved is debitable to Demand No.84, Department of Science & Technology for the year 2017-18:

3425	:	Other Scientific Research (Major Head)
60	:	Others
60.798	:	International Cooperation (Minor Head)
14	:	S & T Cooperation with Other countries
14.00.31	:	Grants-in-aid General for the year 2017-18 (Plan)
	:	(Previous : ICD-3425.60.798.12.00.31)

16. This sanction order being 1<sup>st</sup> instalment for implementation of this project, no SE/UC is due from the grantee institution against this project.


17. This issues with the concurrence of IFD vide their concurrence Dy. No. C/435 /IFD 2017-18 dated 15.05.2017.

18. As per Rule 234 of GFR 2017, this sanction has been entered at S. No. 90 in the register of grants maintained in the Division.

  
(S.K. Varshney)  
Scientist 'G'

To:  
The Pay & Accounts Officer,  
Department of Science & Technology,  
New Delhi-110016

- Copy to:
1. Office of the Principal Director of Audit, AGCR Bldg., IP Estate, New Delhi-110002
  2. Cash Section (3 copies), DST
  3. I.F. Division/Accounts Section, DST
  4. Sanction Folder
  5. Project File.
  6. Dr. Rajendra Prasad, Amity University, Gurgaon - 122413
  7. Registrar, Amity University, Gurgaon - 122413
  8. Finance Officer, Amity University, Gurgaon - 122413
  - 9.

  
(S.K. Varshney)  
Scientist 'G'


Annexure

Break up of expenditure on each visit of Indian Scientists visiting collaborative Institute is calculated broadly as below:

a. International Fare Delhi-Gdank-Delhi	Rs 80,000
By excursion/economy class (cheapest available fare)	
b. Medical Insurance (Silver class)	Rs 4,000
c. Domestic Travel related to visit	Rs 2,000
d. Visa Fee (as per actuals)	Rs 8,000
<b>Total:</b>	<b>Rs 94,000</b>

Break up of expenditure on each visit of Polish scientists and project staff visiting the Indian collaborative Institute (for an average duration of two weeks):

a. Per diem @ Rs 2500 *14 days	Rs 35,000
b. Accommodation @ Rs 2500 *14 days	Rs 35,000
c. Local Transport	Rs 2,000
<b>Total:</b>	<b>Rs 72,000</b>

  
(S.K. Varshney)  
Scientist 'G'

The Central University of Rajasthan, NH 8, Bandar Sindri, Ajmer is also requested to transfer the unspent balance to Amity University, Amity Education Valley, Panchgaon, Manesar, Distt. Gurgaon.

Also, kindly upload/update the audited final statement of expenditure and Utilisation certificate till the date you have implemented the project at Central University of Rajasthan, NH 8, Bandar Sindri, Ajmer.

Yours sincerely,

(Dr. Pramod Kumar Prasad)

Scientist C

Ph: Ph: 911140000336

Email: [pk.prasad@serb.gov.in](mailto:pk.prasad@serb.gov.in)

Dr. Purnima Khanna

Central University Of Rajasthan , NH 8, Bandar Sindri, Ajmer, RAJASTHAN-305817

\*\*\*\*\* LEGAL DISCLAIMER \*\*\*\*\*

[ SERB is now on Social-Media. Kindly follow us on Twitter: @serbonline  
<https://www.twitter.com/serbonline>]

This is a system generated information and does not require any signature. This E-Mail may contain Confidential and/or legally privileged Information and is meant for the intended recipient(s) only. If you have received this e-mail in error and are not the intended recipient/s, kindly notify us at [info@serbonline.in](mailto:info@serbonline.in) and then delete this e-mail immediately from your system. Any unauthorized review, use, disclosure, dissemination, forwarding, printing or copying of this email or any action taken in reliance on this e-mail is strictly prohibited and may be unlawful. Internet communications cannot be guaranteed to be timely, secure, error or virus-free. The sender does not accept any liability for any errors, omissions, viruses or computer problems experienced by any recipient as a result of this e-mail.

\*\*\*\*\*



Mailbox of purnimakhanna@rediffmail.com

[Print](#)[Cancel](#)**From:** SERB\_Administrator@serbonline.in**To:** <"info@serbonline.in"@imsva02.cdacnoida.in>**Subject:** SERB-Notification**Date:** Wed, 12 Jul 2017 10:05:24 IST

**Science and Engineering Research Board**  
(Statutory Body Established Through an Act of Parliament : SERB Act 2008)  
Department of Science and Technology, Government of India

SCIENCE & ENGINEERING RESEARCH BOARD (SERB)

(Statutory Body Established Through an Act of Parliament : SERB Act 2008)

Science and Engineering Research Board  
5 & 5A, Lower Ground Floor  
Vasant Square Mall  
Sector-B, Pocket-5  
Vasant Kunj  
New Delhi - 110 070

File Number: YSS/2015/002107

Dated: 12-Jul-2017

Subject: Project titled "Monitoring Pollutants, Toxins and Microbial Community in the Chambal River to predict its Environmental and Social Consequences".

Dear Dr. Purnima Khanna,

This is regarding the SERB project titled "Monitoring Pollutants, Toxins and Microbial Community in the Chambal River to predict its Environmental and Social Consequences" sanctioned vide order no. YSS/2015/002107 dated 09 February, 2016 to be implemented at Central University of Rajasthan, NH 8, Bandar Sindri, Ajmer.

SERB has considered your request and hereby agrees to the transfer of the above project from Central University of Rajasthan, NH 8, Bandar Sindri, Ajmer to Amity University, Amity Education Valley, Panchgaon, Manesar, Distt. Gurgaon along-with all the asset/s procured in the project.



**SCIENCE & ENGINEERING RESEARCH BOARD (SERB)**

(Statutory Body Established Through an Act of Parliament: SERB Act 2008)

File Number: YSS/2015/002107

Subject: Financial assistance for the research project under Start Up Research Grant (Young Scientist) entitled "Monitoring Pollutants, Toxins and Microbial Community in the Chambal River to predict its Environmental and Social Consequences " by **Dr. PURNIMA KHANNA, Central University of Rajasthan , NH 8, Bandar Sindri, Ajmer, RAJASTHAN-305817** under Start Up Research Grant (Young Scientist).

The following budget may be considered for **Central University Of Rajasthan , NH 8, Bandar Sindri, Ajmer**

S. No	Head	Total (in Rs.)
<b>A</b>	<b>Non-recurring (Capital Items)</b>	
1	Equipment	0
<b>A'</b>	<b>Total - Capital</b>	<b>0</b>
<b>B</b>	<b>Recurring Items</b>	
1	Manpower -> Principal Investigator - 1[{ Rs. 660000/- PY for I year , Rs. 660000/- PY for II year , Rs. 660000/- PY for III year } Fellowship]	1980000
2	Consumables	900000
3	Travel	150000
4	Contingencies	60000
5	Other Cost	0
	<b>General - I ( Manpower, Consumables, Travel, Contingencies)</b>	<b>3090000</b>
	<b>General - II Overhead Charges</b>	<b>240000</b>
<b>B'</b>	<b>Total - Recurring</b>	<b>3330000</b>
<b>C</b>	<b>Total cost of the project (A' + B')</b>	<b>3330000</b>

Member Secretary Expert Committee  
(Dr. Pramod Kumar Prasad)



**JAWAHARLAL NEHRU  
PAYMENT VOUCHER  
CENTRAL LIBRARY**

Deposited

Voucher

Dated :

Dr. Re

Please arrange to pay Rs. 1,78,684 = 00 Amity University Gurgaon  
dated ..... of the Financial estimates for the year .....  
towards invoice No. .... (enclosed in original) under the  
Sub-Head/Heads .....

Date	No. of Voucher/Sub Vouchers	Particulars	Amount	
			Rs.	P.
5/2/18		Transfer of unspent balance from JNU to Amity University Gurgaon in o/o Dr. Rangita Chhabra Mohalik, DST young scientist, SPS (Bank detail attached)	1,78,684	
5/2/18		Rs. 1,78,684 = 00 sent to Amity University Gurgaon	1,78,684	

**DEBIT HEAD**

**CREDIT HEAD**

A/c Rs. ....	1. Bank A/c .....	Rs. ....
A/c Rs. ....	2. Bank A/c .....	Rs. ....
A/c Rs. ....	3. Cash A/c .....	Rs. ....

Passed for payment of Rs. 1,78,684 = 00  
Rupees One lakh seventy eight thousand six hundred eighty four

Towards payment of Adjustment of advance of  
Rs. ....  
taken on ..... by Cheque No. ....

Dean of School/Chairman  
of Center/Head of Dept.

Verified/Checked by Dealing Asst./S.O. [Signature]

**PAID**  
Cash/Cheque No. ....  
Date : .....  
Rs. ....

**SCIENCE & ENGINEERING RESEARCH BOARD(SERB)**

(a statutory body of the Department of Science &amp; 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: 23-Mar-2018

**ORDER**

Subject: Financial Sanction of the research project titled "**Fabrication of high performance thermally, wind and sound driven flexible nanogenerator for a wide range applications**" under the guidance of Dr. BRIJESH KUMAR, ECE/Nanotechnology, Amity University, Amity education valley, panchgaon, manesar, distt. gurgaon, Gurgaon, Haryana-122413 - 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. 3866000/- (Rs. Thirty Eight Lakh Sixty Six Thousand Only)** with break-up of **Rs. 1780000/- under Capital (Non-recurring) head** and **Rs. 2086000/- under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 3866000/-** has been approved are given below:

The following budget may be considered for **Amity University, Amity Education Valley, Panchgaon, Manesar, Distt. Gurgaon**

S. No	Head	Total (in Rs.)
<b>A</b>	<b>Non-recurring</b>	
1	Equipment -> Pushing Tester -> Spin Coating system -> Thermal Evaporator -> Picoammeter {Other Cost: INR 50000 } -> Anemometer -> Nanovoltmeter {Other Cost: INR 50000 } -> Bending Tester -> Oven -> Hot Air Gun -> dB Meter -> Hot Plate	1780000
<b>A'</b>	<b>Total (Non-Recurring)</b>	<b>1780000</b>
<b>B</b>	<b>Recurring Items</b>	
1	Recurring - I : (Manpower) Recurring - II : ( Consumables, Travel, Contingencies)	936000 800000
2	Recurring - III : (Overhead Charges)	350000
<b>B'</b>	<b>Total (Recurring)</b>	<b>2086000</b>
<b>C</b>	<b>Total cost of the project (A' + B')</b>	<b>3866000</b>

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

- **Rs. 1780000/-** (Rupees Seventeen Lakh Eighty Thousand only) under 'Grants for creation of capital assets' and **Rs. 700000/-** (Rupees Seven Lakh only) under 'Grants-in-aid General' to **Registrar, Amity University, Amity Education Valley, Panchgaon, Manesar, Distt. Gurgaon**

being the first installment of the grant for the year 2017-2018 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 Empowerment and Equity Opportunities for Excellence in Science. (Task force Committee) (SC)**

4. The Sanction has been issued to Amity University, Amity Education Valley, Panchgaon, Manesar, Distt. Gurgaon with the approval of the competent authority under delegated powers on **22 March, 2018** and vide Diary No. **SERB/F/11107/2017-2018** dated **23 March, 2018**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website ([www.serb.gov.in](http://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-II, 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. 2480000/- (Rupees Twenty Four Lakh Eighty Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	AMITY UNIVERSITY HARYANA
Account Number	910010023405214
Bank Name & Branch	AXIS BANK LTD MANESAR (HR)/TOWER J,SECTOR-2, IMT MANESAR 122050
IFSC/RTGS Code	UTIB0000720
Email id of A/C Holder	registraraugh@ggn.amity.edu
Email id of PI	bkumar2@ggn.amity.edu

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. EEQ/2017/000688 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

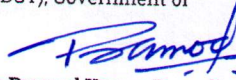
14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any, beyond the duration of the project

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. Pramod Kumar Prasad)  
Scientist C  
pk.prasad@serb.gov.in

To,  
Under Secretary  
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.	<b>Dr. BRIJESH KUMAR</b> ECE/Nanotechnology Amity University, Amity education valley, panchgaon, manesar, distt. gurgaon, Gurgaon, Haryana-122413 Email: bkumar2@ggn.amity.edu Mobile: 918506047115 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit <a href="http://www.serb.gov.in">www.serb.gov.in</a> .)
5.	<b>Registrar,</b> Amity University, Amity Education Valley, Panchgaon, Manesar, Distt. Gurgaon (Receipt of Grant may be intimated by name to the undersigned)

  
(Dr. Pramod Kumar Prasad)  
Scientist C  
pk.prasad@serb.gov.in

73-74

(Administrative)

Appl. No:- MDR-TB/2017/48

No. BT/PR22952/NER/95/572/2017  
GOVERNMENT OF INDIA  
MINISTRY OF SCIENCE & TECHNOLOGY  
DEPARTMENT OF BIOTECHNOLOGY  
(NER-BPMC)

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

Dated: 24/09/2019

**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: "**Study of in-depth genetic heterogeneity with respect to resistome and compensatory adaption of MDR Mtb clinical strains inside BM- Mesenchymal stem cells circulating in the North East Region**" for a period of 3 Year 0 Month at a total cost of Rs. **31649972** (Rupees Three Crores Sixteen Lakhs Fourty Nine Thousand Nine Hundred and Seventy Two Only) on the terms and conditions detailed here under:-

**2 The Project :**

**2.1 Title : "Study of in-depth genetic heterogeneity with respect to resistome and compensatory adaption of MDR Mtb clinical strains inside BM- Mesenchymal stem cells circulating in the North East Region"**

**2.2 Details of the Investigators:**

**Project Cordinator**

**Prof. Rakesh Bhatnagar**

Director

School of Biotechnology

Jawaharlal Nehru University

Delhi, 110067

**Principal Investigators:**

*Vandana*

डॉ. वैशाली पंजाली / Dr. VAISHALI PANJALI  
शैक्षणिक 'B' / Scientist 'B'  
पायोटेक्नोलॉजी विभाग / Dept. of Biotechnology  
विज्ञान और प्रौद्योगिकी विभाग / M/o Science & Tech.  
भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

**Prof. Rakesh K Bhatnagar**  
Director  
School of Biotechnology  
Advanced instrumentation Research facility  
Jawaharlal Nehru University  
New Delhi-110067,India

**Dr. Bikul Das**  
Chairman of Kavikrishna foundation and lab GBP IITG  
KaviKrishna, GBP, IIT-Guwahati, Technology Complex  
Guwahati Assam, Assam, 781039

**Dr. Rajendra Prasad**  
Director  
Amity Institute of Biotechnology  
Amity University Haryana Gurgaon,122413  
Amity Education Valley, Gurgaon, Haryana

**Dr. Sanjukta Patra**  
Associate Professor  
Department of Biotechnology  
Indian Institute Of Technology, Guwahati  
North Guwahati, Assam, Assam, 781039

**CO-PI:**

**Dr. Ista Pulu**  
Senior MD Clinician  
Health & family Welfare, Guwahati Biotech park  
KaviKrishna Lab, Guwahati Biotech Park, Guwahati - 781039, Assam

**Dr. Shankar Prasad Kanaujia**  
Associate Professor  
Biosciences and Bioengineering  
Indian Institute Of Technology, Guwahati  
#102, N-Block, Assam - 781039

**Dr. Jugal Ch Das**  
Senior Medical & Health Officer  
Ministry of Health & Family Welfare, Assam and  
Kavikrishna Lab, Guwahati Biotech Park, Guwahati  
Primary Health Center, North Guwahati block, Kamrup rural, Assam, - 781039,  
Assam

**Prof. RUPESH CHATURVEDI**  
Professor  
School Of Biotechnology  
Jawaharlal Nehru University  
New Mehrauli Road, New Delhi - 110067, Delhi

**Dr. Kajal Kanchan**  
Ramalingaswami fellow  
School of Biotechnology  
Jawaharlal Nehru University  
New Mehrauli Road, Delhi, South Delhi - 10067, Delhi

### 2.3 Overall Objectives:

1. Identification of different Mtb lineages prevalent in the diverse population of NE region of India and its relationship to the most prevalent and successful ancient and modern Beijing strains of Mtb to understand bacterial transmission and evolution. (to be carried out in JNU and Amity University)
2. Investigation of mycobacterial genetic variations responsible for antibiotic resistance, and disease susceptibility through GWAS application, followed by identification of molecular targets.(to be carried out in JNU and IIT, Guwahati)
3. To explore whether BM-MSCs provide a protective niche for development, survival and dispersal of MDR Mtb in NER population by allowing Mtb to acquire compensatory mutations leading to enhanced fitness, stability, increased virulence and transmission.fitness and stability. (to be carried out by KaviKrishna NGO/Lab, Guwahati)

### 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. **31649972/-**(Rupees Three Crores Sixteen Lakhs Forty Nine Thousand Nine Hundred and Seventy Two Only) as per details given below :

Institute	Year I	Year II	Year III	Total Cost(Rs.)
1. Amity Institute of Biotechnology, Amity University Haryana ,Gurgaon,122413	2819992	1320004	1295996	5435992
2. Indian Institute Of Technology, Guwahati	3496000	1677000	1668000	6841000
3. Jawaharlal Nehru University	4061992	1881004	1391996	7334992
4. Kavikrishna	8169996	2098996	1768996	12037988
<b>Total (Rs.)</b>	<b>18547980</b>	<b>6977004</b>	<b>6124988</b>	<b>31649972</b>

Institute wise details are:

Budget Head	Year I	Year II	Year III	Total(Rs.)
<b>1. Kavikrishna</b>				
Equipment	3906000.00			3906000.00
Manpower	918996.00	918996.00	918996.00	2756988.00
Overhead	350000.00	350000.00	350000.00	1050000.00
Travel	100000.00	100000.00	100000.00	300000.00
Consumables	2795000.00	630000.00	300000.00	3725000.00
Contingency	100000.00	100000.00	100000.00	300000.00
<b>Total (Rs.)</b>	<b>8169996.00</b>	<b>2098996.00</b>	<b>1768996.00</b>	<b>12037988.00</b>
<b>2. Jawaharlal Nehru University</b>				
Equipment	2171000.00			2171000.00
Manpower	460992.00	461004.00	486996.00	1408992.00

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Vaishali

Page No. [3 / 9]

डॉ. वैशाली पेंडसे / Dr. VAISHALI PANDSE  
अभिनव ई / Abhinav E  
बायोटेक्नोलॉजी विभाग / Dept. of Biotechnology  
विकास और प्रौद्योगिकी, संजालय / IISc Bangalore

Overhead	200000.00	200000.00	200000.00	600000.00
Travel	100000.00	100000.00	100000.00	300000.00
Consumables	980000.00	970000.00	455000.00	2405000.00
Contingency	150000.00	150000.00	150000.00	450000.00
<b>Total (Rs.)</b>	<b>4061992.00</b>	<b>1881004.00</b>	<b>1391996.00</b>	<b>7334992.00</b>
<b>3. INDIAN INSTITUTE OF TECHNOLOGY, GUWAHATI</b>				
Equipment	1682000.00			1682000.00
Overhead	200000.00	200000.00	200000.00	600000.00
Travel	20000.00	9000.00		29000.00
Consumables	1444000.00	1443000.00	1443000.00	4330000.00
Contingency	150000.00	25000.00	25000.00	200000.00
<b>Total (Rs.)</b>	<b>3496000.00</b>	<b>1677000.00</b>	<b>1668000.00</b>	<b>6841000.00</b>
<b>4. Amity Institute of Biotechnology, Amity University Haryana, Gurgaon, 122413</b>				
Equipment	1500000.00			1500000.00
Manpower	460992.00	461004.00	486996.00	1408992.00
Overhead	159000.00	159000.00	159000.00	477000.00
Travel	50000.00	50000.00		100000.00
Consumables	600000.00	600000.00	600000.00	1800000.00
Contingency	50000.00	50000.00	50000.00	150000.00
<b>Total (Rs.)</b>	<b>2819992.00</b>	<b>1320004.00</b>	<b>1295996.00</b>	<b>5435992.00</b>

**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:

<b>Demand No. 87</b>	<b>Department of Biotechnology</b>
<b>3425</b>	Other Scientific Research 2019-2020
<b>3425.60</b>	Others (Sub Major Head)
<b>3425.60.200</b>	Assistance to other Scientific Bodies (Minor Head)
<b>3425.60.200.29</b>	Biotechnology Research and Development
<b>3425.60.200.29.17</b>	Assistance for Research and Development
<b>3425.60.200.29.17.35</b>	Grants for creation of capital assets

The Recurring expenditure involved is debitable to:

  
 डॉ. वैशाली पंजाली / Dr. VAISHALI PARMAR  
 वैज्ञानिक 'ई' / Scientist 'E'  
 बायोटेक्नोलॉजी विभाग / Deptt. of Biotechnology  
 विज्ञान और प्रौद्योगिकी, मंत्रालय / M/o Science & Tech.  
 भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi



<b>Demand No. 87</b>	<b>Department of Biotechnology</b>
3425	Other Scientific Research 2019-2020
<b>3425.60</b>	Others (Sub Major Head)
<b>3425.60.200</b>	Assistance to other Scientific Bodies (Minor Head)
<b>3425.60.200.29</b>	Biotechnology Research and Development
<b>3425.60.200.29.17</b>	Assistance for Research and Development
<b>3425.60.200.29.17.31</b>	Grants -in-Aid General

**4. Terms & Conditions:**

Additional Terms and Conditions, specific for Twinning R and D program for NER

a. Both NER and Rest of India (RoI), Institutions scientists should work together for the objectives stated in the sanction of the project and any deviation from this would attract closure of the project at any point of time.

b. In the project review meetings, both the PIs from NER and RoI Institutions should participate and make presentation.

c. The outcomes of the project such as research papers, patents, copy rights etc. should be made jointly.

d. The NER Scientists are to be trained at the collaborating institute appropriately to empower the NER Scientists.

e. The project personal such as Research Associate, JRF or SRF, Research Assistant are also to be trained at least once in the collaborating national institute.

f. The collaborating institute scientist should visit NER institutions more frequently to guide NER scientists in design and conduct of experiments.

g. The Non-Recurring items must be procured and installed within 18-months of the sanction of the project, failing which the PIs have to return the remaining/unutilized Non Recurring grant with 10% of Interest.

h. In case the amount of grant-in-aid is refunded, the whole or a part amount of the grant, with an interest at 10% per annum there on shall be recovered.

**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 between the grantee institutions and DBT. In case of NGO's and Private Institution's, execution of MOA is mandatory before 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, Indian Institute Of Technology, Guwahati, Guwahati, Assam and The Director, Kavikrishna, Guwahati Assam, Assam and The Amity Institute of Biotechnology, Amity University Haryana ,Gurgaon,122413, Gurgaon, Haryana and The Registrar, Jawaharlal Nehru University, New Delhi, Delhi 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. 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.
9. If the Research Project involves biological resources, the obligations under the Biological Diversity Act 2002 as applicable shall be complied with by the Project Investigator, the details of such obligations can be accessed at [www.nbaindia.org](http://www.nbaindia.org)
10. If this project works requires any Statutory Clearance (such as Ethical Committee Clearance, Informed Consent, Animal Ethics Committee Clearance, Institutional Bio-safety Committee Clearance, National Biodiversity Authority approval etc.), Project investigator(s) and Host Institution(s) shall compulsorily comply the same before undertaking such activities.
11. This issues under the power delegated to this Department and with the concurrence of IFD vide their SAN No. **102/IFD/SAN/1528/2019-2020** dated **August, 29 2019**.
12. This sanction order has been noted at serial no. 73-74 in the Register of Grants.

*Vaishali*  
**(Dr. Vaishali Panjabi)**  
**Scientist 'E'**

डॉ. वैशाली पंजाबी / Dr. VAISHALI PANJABI  
वैज्ञानिक 'ई' / Scientist 'E'  
भारोटेक्नोलॉजी विभाग / Dept. of Biotechnology  
विज्ञान और प्रौद्योगिकी, मंत्रालय / M/o Science & Tech.  
भारत सरकार, नई दिल्ली / Govt. of India, N.I.

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 Prof. Rakesh K Bhatnagar (Project Co-ordinator), Director, School of Biotechnology, Jawaharlal Nehru University, Advanced instrumentation Research facility, New Delhi-110067, India., New Delhi - 110067, Delhi.
- 3 The Director, Indian Institute Of Technology, Guwahati, Guwahati - 781039, Assam
- 4 The Director, Kavikrishna, Technology Complex, IIT Guwahati Guwahati-781039, Guwahati Assam - 781039, Assam
- 5 The Registrar, Amity Institute of Biotechnology, Amity University Haryana ,Gurgaon,122413, Haryana
- 6 The Registrar, Jawaharlal Nehru University, New Mehrauli Road, New Delhi - 110067, Delhi
- 7 Dr. Bikul Das, Chairman of Kavikrishna foundation and lab GBP IITG, IIT Guwahati, Kavikrishna, Technology Complex, Guwahati, Assam-781039, Guwahati Assam - 781039, Assam
- 8 Dr. Ista Pulu, Senior MD Clinician, Health & family Welfare, Guwahati Biotech park, KaviKrishna Lab, Guwahati Biotech Park, Guwahati, - 781039, Assam
- 9 Dr. Jugal Ch Das, Senior Medical & Health Officer, Ministry of Health & Family Welfare, Assam and Kavikrishna Lab, Guwahati Biotech Park, Guwahati Primary Health Center, North Guwahati block, Kamrup rural, Assam, - 781039, Assam
- 10 Dr. Kajal Kanchan, Ramalingaswami fellow, School of Biotechnology, Jawaharlal Nehru University, BSL3, New Mehrauli Road, Delhi, South Delhi - 10067, Delhi
- 11 Dr. Rajendra Prasad, Director, Amity Institute of Biotechnology, Amity Institute of Biotechnology, Amity University Haryana , Gurgaon - 122413, Haryana
- 12 Dr. Sanjukta Patra, Associate Professor IIT Guwahati, Department of Biotechnology, Indian Institute Of Technology, Guwahati, North Guwahati - 781039, Assam
- 13 Dr. Shankar Prasad Kanaujia, Associate Professor, Biosciences and Bioengineering, Indian Institute Of Technology, Guwahati, #102, N-Block, Guwahati - 781039, Assam
- 14 Prof. Rakesh K Bhatnagar, Director, School of Biotechnology, Advanced instrumentation Research facility, Jawaharlal Nehru University, New Delhi-110067, India.
- 15 Prof. Rupesh Chaturvedi, Professor, School Of Biotechnology, Jawaharlal Nehru University, New Mehrauli Road, New Delhi - 110067, Delhi
- 16 Cash Section, DBT (2 copies).
- 17 Sanction Folder.
- 18 File Copy.

*Vaishali*

**(Dr. Vaishali Panjabi)**  
**Scientist 'E'**

डॉ. वैशाली पंजाबी / Dr. VAISHALI PANJABI  
श्रेणी 'ई' / Scientist 'E'  
बायोटेक्नोलॉजी विभाग / Dept. of Biotechnology  
विज्ञान और प्रौद्योगिकी विभाग / Mo Science & Tech.  
भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

## Annexure -I

Details of the Equipment sanctioned for the implementation of the project entitled "Study of in-depth genetic heterogeneity with respect to resistance and compensatory adaptation of MDR Mtb clinical strains inside BM- Mesenchymal stem cells circulating in the North East Region":

<b>Kavikrishna</b>			
<b>SNo.</b>	<b>Name of Equipment</b>	<b>No.</b>	<b>Cost(Rs.)</b>
1.	Bio-safety Cabinet Class III Type	1	1062000.00
2.	-80 Freezer	1	700000.00
3.	Immuno-magnetic Sorting Apparatus	1	594000.00
4.	Carbon Dioxide Incubator	1	630000.00
5.	Centrifuge (cold)	1	649000.00
6.	Liquid Nitrogen cylinder	1	271000.00
<b>Total</b>			<b>3906000.00</b>
<b>Jawaharlal Nehru University</b>			
<b>SNo.</b>	<b>Name of Equipment</b>	<b>No.</b>	<b>Cost(Rs.)</b>
1.	Incubator	1	262000.00
2.	Mini bead Beater	1	467000.00
3.	Refrigerator (-20C)	1	92000.00
4.	GloMax 96 microplate luminometer	1	1350000.00
<b>Total</b>			<b>2171000.00</b>
<b>INDIAN INSTITUTE OF TECHNOLOGY, GUWAHATI</b>			
<b>SNo.</b>	<b>Name of Equipment</b>	<b>No.</b>	<b>Cost(Rs.)</b>
1.	BSL-II cabinet	1	354000.00
2.	Cold Centrifuge	1	599000.00
3.	-80oC Freeze	1	499000.00
4.	Work station	1	192000.00
5.	Liquid nitrogen cylinder	1	38000.00
<b>Total</b>			<b>1682000.00</b>
<b>Amity Institute of Biotechnology, Amity University Haryana ,Gurgaon,122413</b>			
<b>SNo.</b>	<b>Name of Equipment</b>	<b>No.</b>	<b>Cost(Rs.)</b>
1.	Fluorescence Microscope	1	1000000.00
2.	Spectrophotometer RNA/DNA	1	500000.00
<b>Total</b>			<b>1500000.00</b>

*Vaishali*  
(Dr. Vaishali Panjabi)  
Scientist 'E'

## Annexure - II

Detail of the manpower sanctioned for the implementation of the project entitled "Study of in-depth genetic heterogeneity with respect to resistome and compensatory adaption of MDR Mtb clinical strains inside BM- Mesenchymal stem cells circulating in the North East Region":

Head	No. of Position	Year I	Year II	Year III	Total (Rs.)
<b>1. Amity Institute of Biotechnology, Amity University Haryana, Gurgaon, 122413</b>					
Junior Research Fellow JRF	1	460992	461004	0	921996
Senior Research Fellow SRF	1	0	0	486996	486996
<b>Total(Rs.)</b>		<b>460992</b>	<b>461004</b>	<b>486996</b>	<b>1408992</b>
<b>2. Jawaharlal Nehru University</b>					
Junior Research Fellow JRF	1	460992	461004	0	921996
Senior Research Fellow SRF	1	0	0	486996	486996
<b>Total(Rs.)</b>		<b>460992</b>	<b>461004</b>	<b>486996</b>	<b>1408992</b>
<b>3. Kavikrishna</b>					
Lab Assistant Lab Assistant	2	432000	432000	432000	1296000
Senior Research Fellow SRF	1	486996	486996	486996	1460988
<b>Total(Rs.)</b>		<b>918996</b>	<b>918996</b>	<b>918996</b>	<b>2756988</b>

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.

*Vaishali*

**(Dr. Vaishali Panjabi)**  
**Scientist 'E'**

डॉ. वैशाली पंजाबी / Dr. VAISHALI PANJABI  
शैक्षणिक 'E' / Scientist 'E'  
बायोटेक्नोलॉजी विभाग / Dept. of Biotechnology  
विकास और शिक्षा, नई दिल्ली / M/o Science & Tech.  
भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

73

(Non-Recurring)  
Appl. No:- MDR-TB/2017/41

No. BT/PR22952/NER/95/572/2017  
GOVERNMENT OF INDIA  
MINISTRY OF SCIENCE & TECHNOLOGY  
DEPARTMENT OF BIOTECHNOLOGY  
(NER-BPMC)

Block 2, (6-8th Floors)  
CGO Complex, Lodhi Road  
New Delhi- 110 00:  
Date: 04/09/2019

**RELEASE ORDER**

In continuation of this Department's sanction order of even number dated 04/09/2019 sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rule, 1978 for the release of Rs. **9259000.00** (Rupees Ninety Two Lakhs Fifty Nine Thousand Only) being the first year release for the project entitled "**Study of in-depth genetic heterogeneity with respect to resistome and compensatory adaption of MDR Mtb clinical strains inside BM Mesenchymal stem cells circulating in the North East Region**", being implemented by

1. Dr. Bikul Das, Kavikrishna, GBP, IIT-Guwahati, Technology Complex, Guwahati, Assam-781039, Guwahat Assam - 781039, Assam,
2. Dr. Rajendra Prasad, Amity Institute of Biotechnology, Amity University Haryana ,Gurgaon,122413, Amity Institute of Biotechnology, Amity Education Valley, Gurgaon, Haryana, Gurgaon - 122413, Haryana, Darpan ID:
3. Prof. Rakesh K Bhatnagar, Advanced instrumentation Research facility Jawaharlal Nehru University, New Delhi -110067, India., New Delhi - 110067, Delhi,
4. Dr. Sanjukta Patra, Indian Institute Of Technology, Guwahati, Department of Biotechnology, IIT-Guwahati North Guwahati, Assam, - 781039, Assam,

The detailed break-up is as given below:

SNo	Institute Name	Non Recurring		Total Release Amount (Rs)
		Equipment	Other	
1	Amity Institute of Biotechnology, Amity University Haryana ,Gurgaon,122413	1500000.00	0.00	1500000.00
2	INDIAN INSTITUTE OF TECHNOLOGY, GUWAHATI	1682000.00	0.00	1682000.00
3	Jawaharlal Nehru University	2171000.00	0.00	2171000.00
4	Kavikrishna	3906000.00	0.00	3906000.00

2. The amount of Rs. **9259000.00** /-(Rupees Ninety Two Lakhs Fifty Nine Thousand Only) will be directly credited by the Pay & Accounts Officer, DBT in the account as detailed below:

Vaishali

डॉ. वैशाली पंजाबी / Dr. VAISHALI PANJABI  
वैज्ञानिक 'E' / Scientist 'E'  
बायोटेक्नोलॉजी विभाग / Dept. of Biotechnology  
विज्ञान और प्रौद्योगिकी, मंत्रालय / M/o Science & Tech.  
भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

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1. Rs.3906000.00/- (Rupees Thirty Nine Lakhs Six Thousand Only) to The Secretary, Kavikrishna, Technology Complex, IIT Guwahati, Guwahati-781039, Guwahati Assam - 781039, Assam

Bank Name : State Bank of India  
Branch Name : Kamrup, Sualkuchi  
A/c No. : 31347770690  
IFSC Code : SBIN0011619  
MICR Code : 781002525

2. Rs.1500000.00/- (Rupees Fifteen Lakhs Only) to The Registrar, Amity University Haryana ,Gurgaon,122413, Amity Institute of Biotechnology, Amity University Haryana ,Gurgaon,122413, Gurgaon - 122413, Haryana

Bank Name : Axis Bank Ltd  
Branch Name : Manesar [HR]  
A/c No. : 910010023405214  
IFSC Code : UTIB0000720  
MICR Code : 110211062

3. Rs.2171000.00/- (Rupees Twenty One Lakhs Seventy One Thousand Only) to The Registrar, Jawaharlal Nehru University, New Mehrauli Road, New Delhi - 110067, Delhi

Bank Name : State Bank of India  
Branch Name : JNU New campus  
A/c No. : 10596550879  
IFSC Code : SBIN0010441  
MICR Code : 110002428

4. Rs.1682000.00/- (Rupees Sixteen Lakhs Eighty Two Thousand Only) to The Director, Indian Institute Of Technology, Guwahati, Guwahati - 781039, Assam

Bank Name : state bank of India  
Branch Name : IIT guwahati branch  
A/c No. : 30314002512  
IFSC Code : SBIN0014262  
MICR Code : 781002053

3. The expenditure involved is debitible to:

Demand No. 87	Department of Biotechnology
3425	Other Scientific Research 2019-2020
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Biotechnology Research and Development
3425.60.200.29.17	Assistance for Research and Development
3425.60.200.29.17.35	Grants for creation of capital assets

4. The Secretary, Kavikrishna, Guwahati Assam, Assam and The Director, Indian Institute Of Technology Guwahati, Assam and The Registrar, Jawaharlal Nehru University, New Delhi, Delhi and The Prof PE Sharma, Amity Institute of Biotechnology, Amity University Haryana ,Gurgaon,122413, Gurgaon Haryana 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. 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. The other terms and conditions governing the financial sanction will remain unaltered.
9. This issues under the powers delegated to this Department and with the concurrence of IFD, DBT, vide their SAN No. **102/IFD/SAN/1530/2019-2020** dated **August, 29 2019**.
10. This sanction order has been noted at serial no. 73 in the Register of Grants.

*Vaishali*  
**(Dr. Vaishali Panjabi)**  
**Scientist 'E'**

**To,**

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

डॉ. वैशाली पंजाबी / Dr. VAISHALI PANJABI  
श्रेणीक 'E' / Scientist 'E'  
कृषोपेकनोलॉजी विभाग / Dept. of Biotechnology  
विज्ञान और प्रौद्योगिकी, मंत्रालय / Mo Science & Tech.  
भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

**Copy to:**

- 1 The Principal Director of Audit (Scientific Departments), DACR Building, New Delhi- 110 002.
- 2 Prof. Rakesh K Bhatnagar (Project Co-ordinator), Director, School of Biotechnology, Jawaharlal Nehru University, Advanced instrumentation Research facility, New Delhi- 110067, India., New Delhi - 110067, Delhi.
- 3 The Director, Indian Institute Of Technology, Guwahati, Guwahati - 781039, Assam
- 4 The Secretary, Kavikrishna, Technology Complex, IIT Guwahati, Guwahati-781039, Guwahati Assam - 781039, Assam
- 5 The Registrar, Amity Institute of Biotechnology, Amity University Haryana ,Gurgaon - 122413, Haryana
- 6 The Registrar, Jawaharlal Nehru University, New Mehrauli Road, New Delhi - 110067, Delhi
- 7 Dr. Bikul Das, Chairman of Kavikrishna foundation and lab GBP IITG, IIT Guwahati, Kavikrishna, Technology Complex, Guwahati, Assam-781039, Guwahati Assam - 781039, Assam
- 8 Dr. Ista Pulu, Senior MD Clinician, Health & family Welfare, Guwahati Biotech park, KaviKrishna Lab, Guwahati Biotech Park, Guwahati, - 781039, Assam
- 9 Dr. Jugal Ch Das, Senior Medical & Health Officer, Ministry of Health & Family Welfare, Assam and Kavikrishna Lab, Guwahati Biotech Park, Guwahati Primary Health Center, North Guwahati block, Kamrup rural, Assam, - 781039, Assam
- 10 Dr. Kajal Kanchan, Ramalingaswami fellow, School of Biotechnology, Jawaharlal Nehru University, BSL3, New Mehrauli Road, Delhi, South Delhi - 10067, Delhi
- 11 Dr. Rajendra Prasad, Director, Amity Institute of Biotechnology, Amity University Haryana , Gurgaon - 122413, Haryana
- 12 Dr. Sanjukta Patra, Associate Professor, Department Of Biotechnology, Indian Institute Of Technology, Guwahati, North Guwahati - 781039, Assam
- 13 Dr. Shankar Prasad Kanaujia, Associate Professor, Biosciences and Bioengineering, Indian Institute Of Technology, Guwahati, #102, N-Block, Guwahati - 781039, Assam
- 14 Prof. Rakesh K Bhatnagar, Director, School of Biotechnology, Advanced instrumentation Research facility, Jawaharlal Nehru University, New Delhi-110067, India., New Delhi -



110067, Delhi

- 15 Prof. Rupesh Chaturvedi, Professor, School Of Biotechnology, Jawaharlal Nehru University, New Mehrauli Road, New Delhi - 110067, Delhi
- 16 Cash Section, DBT (2 copies).
- 17 Sanction Folder.
- 18 File Copy.
- 19 **US (IFD), DBT With a request to re-appropriate an amount of ₹ 9259000.00 from the respective NER budget**

*Vaishali*

**(Dr. Vaishali Panjabi)  
Scientist 'E'**

डॉ. वैशाली पंजाबी / Dr. VAISHALI PANJABI  
श्रेणी 'E' / Scientist 'E'  
बायोटेक्नोलॉजी विभाग / Dept. of Biotechnology  
विज्ञान और प्रौद्योगिकी विभाग / M/o Science & Tech.  
भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

74  
0

(Recurring)  
Appl. No:- MDR-TB/2017/4

No. BT/PR22952/NER/95/572/2017  
GOVERNMENT OF INDIA  
MINISTRY OF SCIENCE & TECHNOLOGY  
DEPARTMENT OF BIOTECHNOLOGY  
(NER-BPMC)

Block 2, (6-8th Floor)  
CGO Complex, Lodhi Roa  
New Delhi- 110 01  
Date: 04/09/2017

**RELEASE ORDER**

In continuation of this Department's sanction order of even number dated 04/09/2017. sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rule, 197 for the release of Rs. **9288980.00** (Rupees Ninety Two Lakhs Eighty Eight Thousand Nine Hundred and Eighty Only) being the first year release for the project entitled "**Study of in-depth genetic heterogeneity with respect to resistome and compensatory adaption of MDR Mtb clinic strains inside BM- Mesenchymal stem cells circulating in the North East Region**", being implemented by

1. Dr. Bikul Das, Kavikrishna, Kavikrishna, GBP, IIT-Guwahati, Technology Complex, Guwahati, Assam-78103 Guwahati Assam - 781039, Assam,
2. Dr. Rajendra Prasad, Amity Institute of Biotechnology, Amity University Haryana, Gurgaon, 122413, Amity Institute of Biotechnology, Amity Education Valley, Gurgaon, Haryana, Gurgaon - 122413, Haryana, Darpan IC
3. Prof. Rakesh K Bhatnagar, Jawaharlal Nehru University, Advanced instrumentation Research facility Jawaharlal Nehru University, New Delhi-110067, India., New Delhi - 110067, Delhi,
4. Dr. Sanjukta Patra, Indian Institute Of Technology, Guwahati, Department of Biotechnology, IIT-Guwahati North Guwahati, Assam, - 781039, Assam,

The detailed break-up is as given below:

SNo	Institute Name	Recurring						Total Release Amount (Rs)
		Manpower	Consumable	Travel	Contingency	Others	Overhead	
1	Amity Institute of Biotechnology, Amity University Haryana, Gurgaon, 122413	460992.00	600000.00	50000.00	50000.00	0.00	159000.00	1319992.00
2	Indian Institute Of Technology, Guwahati	0.00	1444000.00	20000.00	150000.00	0.00	200000.00	1814000.00
3	Jawaharlal Nehru University	460992.00	980000.00	100000.00	150000.00	0.00	200000.00	1890992.00
4	Kavikrishna	918996.00	2795000.00	100000.00	100000.00	0.00	350000.00	4263996.00

2. The amount of Rs. **9288980.00** /-(Rupees Ninety Two Lakhs Eighty Eight Thousand Nine Hundred and Eighty Only) will be directly credited by the Pay & Accounts Officer, DBT in the account as detailed below:

Generated through eProMIS

*Vanshika*  
डॉ. वैशाली पंजाबी / Dr. VAISHALI PANJABI  
वैज्ञानिक 'ई' / Scientist 'E'  
बायोटेक्नोलॉजी विभाग / Dept. of Biotechnology  
विज्ञान और प्रौद्योगिकी, मंत्रालय / M/o Science & Tech.  
भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

Page No. [ 1 / 4 ]

1. Rs.4263996.00/- (Rupees Forty Two Lakhs Sixty Three Thousand Nine Hundred and Ninety Six Only) to The Secretary, Kavikrishna, Technology Complex IIT Guwahati Guwahati-781039, Guwahati Assam - 781039, Assam

Bank Name : State Bank of India  
Branch Name : Kamrup, Sualkuchi  
A/c No. : 31347770690  
IFSC Code : SBIN0011619  
MICR Code : 781002525

2. Rs.1319992.00/- (Rupees Thirteen Lakhs Nineteen Thousand Nine Hundred and Ninety Two Only) to The Registrar, Amity Institute of Biotechnology, Amity University Haryana, Gurgaon, 122413, Amity Institute of Biotechnology, Amity University Haryana, Gurgaon, 122413, Gurgaon - 122413, Haryana

Bank Name : Saving Axis Bank Ltd  
Branch Name : Manesar [HR]  
A/c No. : 910010023405214  
IFSC Code : UTIB0000720  
MICR Code : 110211062

3. Rs.1890992.00/- (Rupees Eighteen Lakhs Ninety Thousand Nine Hundred and Ninety Two Only) to The Registrar, Jawaharlal Nehru University, New Mehrauli Road, New Delhi - 110067, Delhi

Bank Name : State Bank of India  
Branch Name : JNU New campus  
A/c No. : 10596550879  
IFSC Code : SBIN0010441  
MICR Code : 110002428

4. Rs.1814000.00/- (Rupees Eighteen Lakhs Fourteen Thousand Only) to The Director, Indian Institute Of Technology, Guwahati, Guwahati - 781039, Assam


Bank Name : state bank of India  
Branch Name : IIT guwahati branch  
A/c No. : 30314002512  
IFSC Code : SBIN0014262  
MICR Code : 781002053

3. The expenditure involved is debitable to:

Demand No. 87	Department of Biotechnology
3425	Other Scientific Research 2019-2020
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Biotechnology Research and Development
3425.60.200.29.17	Assistance for Research and Development
3425.60.200.29.17.31	Grants -in-Aid General

4. The Secretary, Kavikrishna, Guwahati Assam, Assam and The Director, Indian Institute Of Technology Guwahati, Assam and The Registrar, Jawaharlal Nehru University, New Delhi, Delhi and The Registrar Amity Institute of Biotechnology, Amity University Haryana, Gurgaon, 122413, Gurgaon, Haryana v 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 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 Officer 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 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. The other terms and conditions governing the financial sanction will remain unaltered.
9. This issues under the powers delegated to this Department and with the concurrence of IFD, DBT, via their SAN No. **102/IFD/SAN/1529/2019-2020** dated **August, 29 2019**.
10. This sanction order has been noted at serial no. 74 in the Register of Grants.

  
(Dr. Vaishali Panjat  
Scientist 'A')

To,

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

डॉ. वैशाली पंजाबी / Dr. VAISHALI PANJAT  
शैक्षणिक 'A' / Scientist 'A'  
बायोटेक्नोलॉजी विभाग / Deptt. of Biotechnology  
विज्ञान और प्रौद्योगिकी मंत्रालय / Mo Science & IT  
भारत सरकार, नई दिल्ली / Govt. of India, N.I.

Copy to:

- 1 The Principal Director of Audit (Scientific Departments), DACR Building, New Delhi- 110 002.
- 2 Prof. Rakesh K Bhatnagar (Project Co-ordinator), Director, School of Biotechnology, Jawaharlal Nehru University, Advanced Instrumentation Research facility, New Delhi- 110067, India., New Delhi - 110067, Delhi.
- 3 The Director, Indian Institute Of Technology, Guwahati, Guwahati - 781039, Assam
- 4 The Secretary, Kavikrishna, Technology Complex, IIT Guwahati, Guwahati-781039, Guwahati Assam - 781039, Assam
- 5 The Registrar, Amity Institute of Biotechnology, Amity University Haryana ,Gurgaon - 122413, Haryana
- 6 The Registrar, Jawaharlal Nehru University, New Mehrauli Road, New Delhi - 110067, Delhi
- 7 Dr. Bikul Das, Chairman of Kavikrishna foundation and lab GBP IITG, IIT Guwahati, Kavikrishna, Technology Complex, Guwahati, Assam-781039, Guwahati - 781039, Assam
- 8 Dr. Ista Pulu, Senior MD Clinician, Health & family Welfare, Guwahati Biotech park, KaviKrishna Lab, Guwahati Biotech Park, Guwahati, - 781039, Assam
- 9 Dr. Jugal Ch Das, Senior Medical & Health Officer, Ministry of Health & Family Welfare, Assam and Kavikrishna Lab, Guwahati Biotech Park, Guwahati Primary Health Center, North Guwahati block, Kamrup rural, Assam, - 781039, Assam
- 10 Dr. Kajal Kanchan, Ramalingaswami fellow, School of Biotechnology, Jawaharlal Nehru University, BSL3, New Mehrauli Road, Delhi, South Delhi - 10067, Delhi

- 11 Dr. Rajendra Prasad, Director, Amity Institute of Biotechnology, Amity University, Haryana, Gurgaon - 122413, Haryana
- 12 Dr. Sanjukta Patra, Associate Professor, Department Of Biotechnology, Indian Institute Of Technology, Guwahati, North Guwahati - 781039, Assam
- 13 Dr. Shankar Prasad Kanaujia, Associate Professor, Biosciences and Bioengineering, Indian Institute Of Technology, Guwahati, #102, N-Block, Guwahati - 781039, Assam
- 14 Prof. Rakesh K Bhatnagar, Director, School of Biotechnology, Advanced instrumentation Research facility, Jawaharlal Nehru University, New Delhi-110067,India., New Delhi - 110067, Delhi
- 15 Prof. Rupesh Chaturvedi, Professor, School Of Biotechnology, Jawaharlal Nehru University, New Mehrauli Road, New Delhi - 110067, Delhi
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- 19 **US (IFD), DBT With a request to re-appropriate an amount of ₹ 9288980.00 from the respective NER budget**

*Vaishali*

**(Dr. Vaishali Panjabi)**  
**Scientist 'E'**

डॉ. वैशाली पंजाबी / Dr. VAISHALI PANJABI  
शैक्षणिक 'ई' / Scientist 'E'  
बायोटेक्नोलॉजी विभाग / Deptt. of Biotechnology  
विज्ञान और प्रौद्योगिकी मंत्रालय / M/o Science & Tech.  
भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi



Indore Centre  
इन्दौर केन्द्र

# UGC-DAE Consortium for Scientific Research

विश्वविद्यालय अनुदान आयोग - परमाणु ऊर्जा विभाग वैज्ञानिक अनुसंधान संकुल

(An autonomous institution of UGC, New Delhi)

(विश्वविद्यालय अनुदान आयोग, नई दिल्ली द्वारा स्थापित स्वशासी संस्थान)

(Formerly : Inter University Consortium for DAE Facilities; IUC-DAEF)

Ref: CSR-IC-MSRSR-08/CRS-216/2017-18/ 1297

31<sup>st</sup> March, 2018

Dr. Shalendra Kumar  
Dept Applied Physics, Amity University Haryana, Manesar

Sub:- Your proposal entitled "Development of Lead Free Piezoelectric Materials for Energy Harvesting Applications".

Dear Dr. Shailendra Kumar,

We would like to thank you for visiting Pune for presenting your CRS proposal during May 25-26, 2017. Subsequently the proposals were discussed at length by a Committee. Your above proposal has been approved:

The financial allocation for this year will be:

**Project Fellow (@ Rs.14,000/- pm) + HRA	Rs. 1,68,000/- + HRA
Contingency	Rs.15,000/-
Consumables	Rs.30,000/-

No overheads are available under this scheme.

\*\* If the selected student has M.Sc., with GATE/NET-JRF, then Project Associate-I may be given (@ Rs.25,000/- pm)+ HRA for which additional prior approval has to be taken from the Centre-Director, Indore Centre.

1. This project is sanctioned presently for one year but it may be extended on year basis subject to a total period of three years.
2. Dr. Dinesh Shukla will coordinate the activities of the project from CSR side.
3. Selection of research student in the project will be done as per the guidelines enclosed. **The PI may contact Centre-Director of Indore Centre for approving the CSR Nominee for the selection of the candidate.**
4. Ph.D. student appointed under the project is expected to spent at least 3 months in a year at the Consortium, if needed.
5. The major portion of the emerging thesis of respective Ph.D. student should be centered around and contain the results from Consortium.
6. This is a Collaborative Research Scheme. In view of the complex and involved nature of the experiments, any publication emerging under the project must be of collaborative in nature with due consents from the participating institutions / persons, and in consultation with the CRS coordinator. The publication should also acknowledge the UGC-DAE CSR, Indore for the project support.

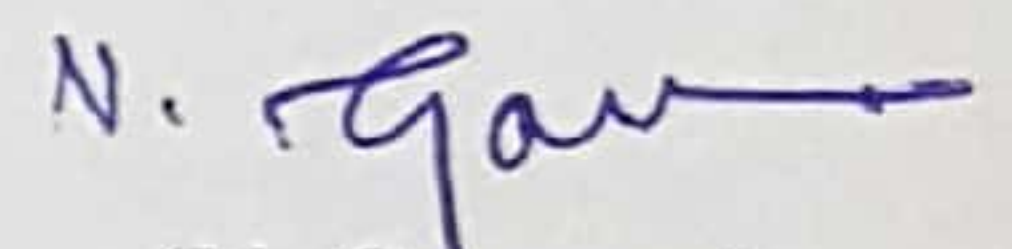
.....Contd.....2

:: 2 ::

7. The project will be reviewed at the end of each year and a decision will be taken on the financial allocation for the succeeding year.
8. Research Student may be engaged following the guidelines attached herewith. Fellowship may be sanctioned as per the guidelines given in the addendum (enclosed). The Research student must be registered for a Ph.D. from a recognized University in their respective disciplines in a reasonable period of time after joining the project.
9. The CSR will be able to reimburse the travel expenses to investigators as per rules, limited to 2<sup>nd</sup> AC train fare visiting CSR, Indore Centre on project work. However, the student participant is permitted for a sleeper class train fare by the shortest route and is as per prevailing norms of CSR.
10. At the end of the financial year (i.e., March 31) you will kindly send the (i) utilization certificate for the amount spent and (ii) a statement of account duly signed by the Registrar of your university to the Centre-Director, Indore Centre of UGC-DAE CSR. Funds for the succeeding year in view of the allocation can be released only after receiving the above documents.
11. The PI along with the co-ordinator from CSR side are requested to make every effort to complete the project in time that may enable the research scholar working in the project to complete his/her Ph.D. degree well within the stipulated time limit.
12. Selection of research student in the project will be done as per the guidelines enclosed. A CSR nominee is needed for this.
13. You may please send the following information along with your acceptance for sending the grants:
  - a) Name of the Bank
  - b) Name of Beneficiary
  - c) RTGS Code of the Bank
  - d) A/c No. of Beneficiary
  - e) Branch of the Bank

Please let me have your acceptance of the CRS under the above conditions by 21<sup>st</sup> April, 2018 so that money can be transferred to the Registrar of your university. The funds will be transferred after receiving the grants from University Grants Commission, New Delhi.

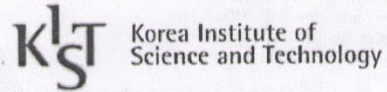
Yours sincerely,

  
(V. Ganesan)

Copy to the following for information and necessary action:-

1. The Administrative Officer-I (Accounts), UGC-DAE CSR, Indore Centre.
2. The Registrar, Amity University Haryana, Manesar
3. The PS to Centre-Director, CSR, Indore Centre for project file.

No. 2018-11



HWARANGNO 14-GIL 5, SEONGBUK-GU, SEOUL, 02702, REPUBLIC OF KOREA Tel) 958-5114

## Statement of Service

July 27, 2018

Name in full : Ankush Vij  
Nationality : INDIA  
Passport No. : M5933206  
Date of Birth : April 11, 1982.  
Contract Period : July 09, 2018 ~ July 27, 2018.

This is to certify that the above-named person was engaged in R&D activities at KIST as a visiting scientist from July 09, 2018 to July 27, 2018.

Very truly yours,

A handwritten signature in black ink, appearing to read 'B. Lee', is written over a horizontal line.

Byung Gwon Lee  
President

A handwritten mark or signature in black ink, consisting of a few loops and a long tail, is located at the bottom center of the page.





**To Whom It May Concern**

This is to certify that Dr. Ankush Vij, Assistant Professor Amity University Haryana has delivered an invited talk on the topic "Structural Study of Nanophosphors using X-rays Scattering Techniques" at Advanced Analysis Centre, Korea Institute of Science and Technology, Seoul South Korea on July 25, 2018.

Best wishes

A handwritten signature in black ink, appearing to read 'Lee, Byeong-hyeon', is positioned above the printed name.

25 July 2018

Lee, Byeong-hyeon

(X-ray Specialist)  
X-ray Open Laboratory  
Advanced Analysis Centre  
Korea Institute of Science and Technology  
Seoul, South Korea

August 1, 2018

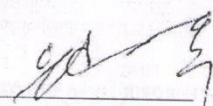
Dr. Ankush Vij  
Assistant Professor  
Department of Applied Physics  
Amity University Haryana, Gurgaon 122413, India

Dear Dr. Ankush Vij

**Subject:** Regarding Collaborative Project Work "Characterization of Materials for the Luminescence based Applications"

In reference to your discussion based on your previous year collaborative research work, we are pleased to inform you that we have decided to extend our collaboration on the same project entitled "Characterization of Materials for the Luminescence based Applications" for next three years i.e. July 2018 to July 2021. It is expected that above mentioned project may be successfully completed within this period. In this collaboration, we may perform experiments for you on state of art facilities available in our lab such as HRXRD, XRR, XAS, XPS, XRF, HTXRD etc. Further depending upon the availability of funds, we may like to invite you visit our lab for short periods to perform experiments and discussion. The outcomes of the project may be published in standard journals with joint affiliations.

Sincerely Yours

  
Sung Ok Won  
Principal Specialist  
Manager of X-ray Open Laboratory at KIST  
Advanced Analysis Center  
Korea Institute of Science and Technology  
5, Hwarangno 14-gil, Seongbuk-gu, Seoul 02792,  
Republic of Korea  
Tel:+82-2-958-5962, Fax:+82-2-958-7962  
E-mail: [sowon@kist.re.kr](mailto:sowon@kist.re.kr)



अन्तर-विश्वविद्यालय त्वरक केन्द्र  
INTER-UNIVERSITY ACCELERATOR CENTRE

(Formerly Nuclear Science Centre)

(विश्वविद्यालय अनुदान आयोग का स्वायत्त केन्द्र)

(An Autonomous Centre of UGC)

**Dr. Sundeep Chopra**  
**Convenor - AUC**

Ref: IUAC/XIII.3A/

March 1, 2018

Dr. Anup Thakur  
Assistant Professor in Physics,  
(Co-Principal Investigator Dr. Ankush Vij,  
Assistant Professor (Senior Scale), Department of Physics,  
Amity School of Applied Physics, Amity University Haryana,  
Panchgaon, Gurgaon-122413), Department of Basic & Applied  
Sciences, Punjab University, Patiala, Punjab, Pin Code: 147002

**Subject: Your Application for Beam Time Allotment**

Dear Dr. Thakur,

This is in response to your proposal for beam time/funds request and subsequent presentation made before the Accelerator Users Committee(AUC) of Inter University Accelerator Centre on December 16-18, 2017. I am pleased to inform you that your request has been considered and following beam time/funds has been allotted to you as specified below:

BTR No. & Activity	PI Name Affiliation	Title	No. of Shifts Sanctioned	Comments From AUC
63307 MS	Dr. Anup Thakur Assistant Professor in Physics, (Co-Principal Investigator Dr. Ankush Vij, Assistant Professor (Senior Scale), Department of Physics, Amity School of Applied Physics, Amity University Haryana, Panchgaon, Gurgaon-122413) Department of Basic & Applied Sciences, Punjab University, Patiala, Punjab, Pin Code: 147002	Luminescence studies of swift heavy ion irradiated rare earth doped MgO based nanophosphors.	3	UFR funds sanctioned with standard funding

The contingency amount will be sent to you soon. Regarding the appointment of JRF/Project Fellow, you are requested to contact the undersigned since as per the directives of AUC, a nominee will be deputed by IUAC as part of your selection committee. The information regarding the selection committee meeting should be sent to the undersigned at least two weeks in advance for the nomination of IUAC representative.

You are requested to kindly submit progress report of the project twice a year (April & October). Kindly acknowledge the receipt of this letter and inform us suitable period regarding scheduling of your experiment. In case you need further information, you are requested to contact the undersigned.

Thanking you,

Yours Sincerely,

  
(Sundeep Chopra)

E-mail: [choprasundeep@gmail.com](mailto:choprasundeep@gmail.com)



## M.P. Council of Science & Technology

Vigyan Bhawan, Nehru Nagar, Bhopal - 462003

Phone #. 0755-2433154 , 2433209

E-mail: mpcstprojects@gmail.com

### SANCTION ORDER

No.-----/CST/R&D/Phy&Engg/2017-18

Dated: 31.03.2018

To,  
The Registrar,  
Amity University,  
Maharajpura, Gwalior  
M.P 474005

Subject: R&D Project: Phy&Engg Sc.: Title- "Development of multifunctional magnetic Fe-Al nanocomposites for high temperature applications"

Reference : File No. A/R&D/RP-2/ Phy&Engg./2017-18/279

Principal Investigator: Dr.Snehal Chandra shekhar Jani, Assistant Prof. Amity University, Amity School of Pure and Applied Sciences, Deptt. Of Applied Physics, Maharajpura, Gwalior- 474005.

Co-Investigator: Dr. Rajneet Kumar Brajpuriya, Associate Prof. Amity University, Amity Institute of Nanotechnology, Amity University Haryana, Panchgaon, Manesar, Gurgaon-122413.

Sanction of this Council is hereby accorded for Rs.4,50,000/- (Rupees Four Lakh Fifty Thousand Only) for 03 year and release of the first year grant of Rs.2,00,000/- (Rupees Two Lakh Only) to The Registrar, Amity University Gwalior M.P 474005

The head-wise break-up of the sanctioned amount is given below:

#### Recurring Expenditure

S.No.	Item	Budget			Total
		1st Year	2nd Year	3rd Year	
1.	Consumable -details attached				
	Chemicals Metals	1,50,000/-	1,50,000/-	...	3,00,000/-
	Contingency	30,000/-	30,000/-	30,000/-	90,000/-
	outsourcing for TEM SEM FTIR XRD and other magnetic				
2.	Travelling Expenses	20,000/-	20,000/-	20,000/-	60,000/-
	<b>Total</b>	<b>2,00,000/-</b>	<b>2,00,000/-</b>	<b>50,000/-</b>	<b>4,50,000/-</b>

Grand Total- Rs. 4,50,000/- (Rupees Four Lakh Fifty Thousand only)

1. The amount will be used by the institution for the purpose it has been sanctioned. If grantee fails to utilize for the purpose for which the grant is sanctioned will be recovered along with the penal interest of 18% per annum.
2. All the dead stock will be the property to the council and will be disposed of accordingly to its instructions.
3. Purchase of equipment's etc. will be governed as per existing rules of the institution.
4. The audited accounts duly countersigned by the competent authority will be transmitted to this council within quarter/financial year.
5. Progress report will be sent to the Council by the Officer Incharge of project through the head of the institution in four copies in the prescribed proforma.
6. The project report will be reviewed by the experts so far as the relevance and utilization is concerned.
7. Please ensure the participation percentage as per following:-60% General, 10% scheduled caste (SC), 30% tribals (ST), 30% over all women.
8. The account of grantee institution shall be open to inspection by sanctioning authority/audit.
9. In case of any controversy, the decision of Director General will be final and acceptable to the grantee organization.
10. The grantee organization will bound to follow Income tax rules.
11. MPCST will have equal share in any IPR generated from the project.
12. Investigator/Institutes wishes to publish book/research paper /popular articles based on the research work done under the Council's projects should acknowledge the financial support received from the council and copy of such published literature must be submitted to the Council.

**Approved by the Director General, MPCST**

**InCharge**

**(Phys & Engg. Sciences) Research & Development**

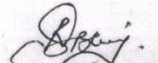
**Endt.No:3954 /CST/R&D/Phy&Engg/2017-18**

**Dated: 31.03.2018**

Copy to:

- ✓ 1. Principal Investigator :Dr.Snehal Chandrashekar Jani, Assistant Prof. Amity University, Amity School of Pure and Applied Sciences, Deptt. Of Applied Physics, Maharajpura, Gwalior 474005
2. Co-Investigator: Dr. Rajneet Kumar Brajpuriya, Associate Prof. Amity University, Amity Institute of Nanotechnology, Amity University Haryana, Panchgaon, Manesar, Gurgaon-122413.
3. Incharge (Finance), MPCST, Bhopal for necessary action. The amount of Rs.2,00,000/- (Rupees Two Lakhs) only may be released to The Registrar, Amity University Maharajpura , Gwalior 474005. The expenditure will be debited to the R&D scheme for the F.Y. 2017-18. The details of Bank Account are as under:
  - Name of the Bank: Axis Bank
  - Branch of the Bank: Gwalior
  - Bank Account: 911010033371991
  - IFSC Code No: UTIB0000158

4. File No. A/R&D/2/Phy&Engg./2017-18/279

  
31.03.2018

**InCharge**

**(Phys&Engg. Sciences) Research & Development**

FILE NO. EMR/2016/002699  
**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: 24 December, 2018

**ORDER**

Subject: Research project entitled "**Kinetic Theory of Electrostatic Waves in Dusty Plasmas**" under the guidance of Dr. Jyotsna Sharma, Amity School of Applied Sciences, Amity University, Amity education valley, panchgaon, manesar, distt. gurgaon, Gurgaon, Haryana-122413.

1. This is in continuation of SERB's sanction order No. "EMR/2016/002699" dated "21 March, 2017" of **Science and Engineering Research Board (SERB)**.  
The budget for both the institutes is given below:

S. No	Head	Original Total Cost (in INR)	Allocation for K R Mangalam University, Sohna Road, Gurgaon, Delhi - NCR (in INR)	Allocation for Amity University, Amity Education Valley, Panchgaon, Manesar, Distt. Gurgaon (in INR)
<b>A</b>	<b>Non-recurring (Capital Items)</b>			
1	Equipment -> Computer	400000	399973	27
A'	Total - Capital	400000	399973	27
<b>B</b>	<b>Recurring Items</b>			
1	Manpower -> JRF - I[ Rs. 390000/- PY for I year, Rs. 390000/- PY for II year, Rs. 436800/- PY for III year } Rs. 25,000/-25,000/-28,000/- + 30% HRA ]	1216800	325000	891800
2	Consumables	0	0	0
3	Travel	150000	56005	93995
4	Contingencies	150000	118917	31083
5	Other Cost	0	0	0
	General - I (Manpower, Consumables, Travel, Contingencies, Other Cost)	1516800	499922	1016878
	General - II Overhead Charges	191680	100000	91680
B'	Total - Recurring	1708480	599922	1108558
<b>C</b>	<b>Total cost of the project (A' + B')</b>	<b>2108480</b>	<b>999895</b>	<b>1108585</b>

2. The revised total cost of the project at **K R Mangalam University, Sohna Road, Gurgaon, Delhi - NCR** would be Rs. 999895/- and total cost for **Amity University, Amity Education Valley, Panchgaon, Manesar, Distt. Gurgaon** would be Rs. 1108585/- The project duration is till 23 March, 2020.

3. Sanction of the competent authority is hereby accorded to the payment of a sum of **Rs. 600000/-** (Rupees Six Lakh only) under 'Grants-in-aid General' to **Registrar, Amity University, Amity Education Valley, Panchgaon, Manesar, Distt. Gurgaon** being the 3rd grant for the financial year 2018-2019 for implementation of the above said project.

4. Sanction of the competent authority is also accorded to the transfer of unspent balance of Rs. 105/- (Rupees One Hundred and Five only) (Recurring Rs. 78 and Non-Recurring Rs. 27) to Amity University, Amity Education Valley, Panchgaon, Manesar, Distt. Gurgaon from FY 2017-2018 to FY 2018-2019 for the same purpose for which it was sanctioned

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

6. 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.

7. The expenditure involved is debitable to **Fund for Science & Engineering Research (FSER)**  
**This release is being made under Core Research Grant. (PAC Non Condensed Matter Physics and Material Science)**

8. The Sanction has been issued to Amity University, Amity Education Valley, Panchgaon, Manesar, Distt. Gurgaon with the approval of the competent authority under delegated powers on **18 December, 2018** and vide Diary No. **SERB/F/10205/2018-2019** dated **21 December, 2018**

9. The release amount of Rs. 600000/- (Rupees Six Lakh only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	AMITY UNIVERSITY HARYANA
Account Number	910010023405214
Bank Name & Branch	AXIS BANK LTD TOWER J,SECTOR-2,IMT MANESAR,MANESAR-122050 (HR)
IFSC/RTGS Code	UTIB80000720
Email id of A/C Holder	registrarah@ggn.amity.edu
Email id of PI	plasmajyoti@gmail.com

10. 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.

11. 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.

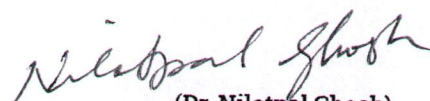
12. The institute will furnish to the SERB, Utilization certificate(separate for Recurring & Non-Recurring) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

13. 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.

14. 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.

15. 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.

16. The File no. EMR/2016/002699 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.



(Dr. Nilotpal Ghosh)

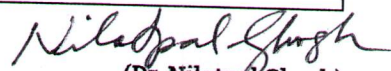
MS

nilotpal@serb.gov.in

To,  
Under Secretary  
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. Jyotsna Sharma Amity School of Applied Sciences Amity University, Amity education valley, panchgaon, manesar, distt. gurgaon, Gurgaon, Haryana-122413 Email: plasmajyoti@gmail.com Mobile: 919953323436
5.	Registrar, Amity University, Amity Education Valley, Panchgaon, Manesar, Distt. Gurgaon
6.	Director, K R Mangalam University, Sohna Road, Gurgaon, Delhi - NCR



(Dr. Nilotpal Ghosh)

MS

nilotpal@serb.gov.in



FILE NO. EMR/2017/001907  
**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-Oct-2018

**ORDER**

Subject: Financial Sanction of the research project titled "**Alternate splicing in clinical drug resistance in pathogenic Candida**" under the guidance of Dr. Rajendra Prasad, AMITY INSTITUTE OF BIOTECHNOLOGY, Amity University, Amity education valley, panchgaon, manesar, distt. gurgaon, Gurgaon, Haryana-122413 and by Dr. Ravi Datta Sharma, Assistant Professor, Amity Institute Of Biotechnology, Amity University - 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. 2470000/- (Rs. Twenty Four Lakh Seventy Thousand Only)** with break-up of **Rs. 0/- under Capital (Non-recurring) head and Rs.2470000/- under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 2470000/-** has been approved are given below:

The following budget may be considered for **Amity University, Amity Education Valley, Panchgaon, Manesar, Distt. Gurgaon**

S. No	Head	Total (in Rs.)
<b>A</b>	<b>Non-recurring</b>	
1	Equipment	0
A'	Total (Non-Recurring)	0
<b>B</b>	<b>Recurring Items</b>	
1	Recurring - I : (Manpower) Recurring - II : ( Consumables, Travel, Contingencies)	0 2250000
2	Recurring - III : (Overhead Charges)	220000
B'	Total (Recurring)	2470000
<b>C</b>	<b>Total cost of the project (A' + B')</b>	<b>2470000</b>

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 500000/- (Rupees Five Lakh only)** under 'Grants-in-aid General' to **REGISTRAR, Amity University, Amity Education Valley, Panchgaon, Manesar, Distt. Gurgaon** being the first installment of the grant for the year 2018-2019 for implementation of the said research project.

3. The expenditure involved is debitible to **Fund for Science & Engineering Research (FSER)**  
**This release is being made under Core Research Grant. (PAC Biophysics, Biochemistry, Molecular Biology & Microbiology)**

4. The Sanction has been issued to Amity University, Amity Education Valley, Panchgaon, Manesar, Distt. Gurgaon with the approval of the competent authority under delegated powers on **15 October, 2018** and vide Diary No. **SERB/F/8158/2018-2019** dated **16 October, 2018**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website ([www.serb.gov.in](http://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-II, 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. 500000/- (Rupees Five Lakh only)** will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	Amity University, Haryana
Account Number	910010023405214
Bank Name & Branch	Axis Bank IMT Manesar Branch, AMARPALI COMERCIAL CENTER, SHOP NO. 34 TO 39
IFSC/RTGS Code	UTIB0000720
Email id of A/C Holder	registrarah@ggn.amity.edu
Email id of PI	rprasad@ggn.amity.edu

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/2017/001907 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

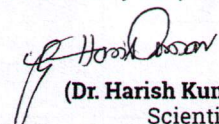
~~14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project~~

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.

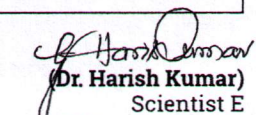
18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST),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

  
(Dr. Harish Kumar)  
Scientist E  
ms\_bb@serbonline.in

To,  
Under Secretary  
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><b>Dr. Rajendra Prasad</b> <b>AMITY INSTITUTE OF BIOTECHNOLOGY</b> Amity University , Amity education valley, panchgaon, manesar, distt. gurgaon, Gurgaon, Haryana-122413 Email: rprasad@ggn.amity.edu Mobile: 919810974443</p> <p><b>Dr. Ravi Datta Sharma</b> <b>Amity Institute Of Biotechnology</b> <b>Amity University</b> (Start date of the project may be intimated by name to the undersigned. For guidance, terms &amp; Conditions etc. Please visit <a href="http://www.serb.gov.in">www.serb.gov.in</a>.)</p>
5.	<p><b>REGISTRAR,</b> <b>Amity University, Amity Education Valley, Panchgaon, Manesar, Distt. Gurgaon</b></p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p>

  
(Dr. Harish Kumar)  
Scientist E  
ms\_bb@serbonline.in

**No. BT/PR27264/MED/29/1277/2018**  
GOVERNMENT OF INDIA  
MINISTRY OF SCIENCE & TECHNOLOGY  
DEPARTMENT OF BIOTECHNOLOGY

Block 2, 6-8th Floors  
CGO Complex, Lodhi Road,  
New Delhi- 110 003  
Dated:11.03.2019

**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: "**Combating Topical and Medical Device Related Multidrug Resistant Fungal Infections Using Molecularly Engineered Anti-Fungal Hydrogels**" for a period of 3 Year 0 Month at a total cost of Rs. **17565400** (Rupees One Crores Seventy Five Lakhs Sixty Five Thousand Four Hundred Only) on the terms and conditions detailed here under:-

**2 The Project :**

**2.1 Title : "Combating Topical and Medical Device Related Multidrug Resistant Fungal Infections Using Molecularly Engineered Anti-Fungal Hydrogels"**

**Details of the Investigators:**

**2.2**

**Project Cordinator**

**Prof. Avinash Bajaj**

Associate Professor  
Regional Centre for Biotechnology  
NCR Biotech Science Cluster  
3rd Milestone Faridabad-Gurgaon Expressway  
Village-Bhankri, Faridabad-121001

**Principal Investigators:**

**Prof. Avinash Bajaj**

Associate Professor  
Regional Centre for Biotechnology  
NCR Biotech Science Cluster  
3rd Milestone Faridabad-Gurgaon Expressway  
Village-Bhankri, Faridabad-121001

**Dr. Rajendra Prasad**

Professor  
Amity Institute of Integrative Sciences and Health  
Amity University Haryana,  
Amity Education Valley  
Gurgaon-122413

**CO-PI:****Dr. Ujjaini DasGupta**

Assistant Professor

Amity Institute of Integrative Sciences and Health

Amity University Haryana

Amity Education Valley, Panchgaon, Manesar,

Gurgaon, Manesar - 122413, Haryana

**2.3 Objectives:****Overall Objectives:**

1. Synthesis of Membrane-Targeting Amphiphiles and Amphiphile-Drug Conjugates (ADCs)
2. Deciphering the in vitro Antifungal Activities and Mechanism of Action of Amphiphiles and ADCs
3. Transcriptome and Lipidome Mapping to Evaluate the Effect of Amphiphile and ADCs on Biofilms
4. Engineering of Formulations and their in vivo Antifungal Activities

**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. **17565400/-** (Rupees One Crores Seventy Five Lakhs Sixty Five Thousand Four Hundred Only) as per details given below :

<b>Institute</b>	<b>Year I</b>	<b>Year II</b>	<b>Year III</b>	<b>Total Cost(Rs.)</b>
1. Amity University Haryana	3267200	2467200	2592000	<b>8326400</b>
2. Regional Centre For Biotechnology	3613000	2813000	2813000	<b>9239000</b>
<b>Total (Rs.)</b>	<b>6880200</b>	<b>5280200</b>	<b>5405000</b>	<b>17565400</b>

Institute wise details are:

Budget Head	Year I	Year II	Year III	Total(Rs.)
<b>1. Regional Centre For Biotechnology</b>				
Equipment	800000.00			<b>800000.00</b>
Manpower	738000.00	738000.00	738000.00	<b>2214000.00</b>
Contingency	50000.00	50000.00	50000.00	<b>150000.00</b>
Consumables	2000000.00	2000000.00	2000000.00	<b>6000000.00</b>
Travel	25000.00	25000.00	25000.00	<b>75000.00</b>
<b>Total (Rs.)</b>	<b>3613000.00</b>	<b>2813000.00</b>	<b>2813000.00</b>	<b>9239000.00</b>
<b>2. Amity University Haryana</b>				
Equipment	700000.00			<b>700000.00</b>
Manpower	967200.00	967200.00	1092000.00	<b>3026400.00</b>
Contingency	50000.00	50000.00	50000.00	<b>150000.00</b>
Overhead	300000.00	200000.00	200000.00	<b>700000.00</b>
Travel	50000.00	50000.00	50000.00	<b>150000.00</b>
Consumables	1200000.00	1200000.00	1200000.00	<b>3600000.00</b>
<b>Total (Rs.)</b>	<b>3267200.00</b>	<b>2467200.00</b>	<b>2592000.00</b>	<b>8326400.00</b>

**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:

<b>Demand No. 85</b>	<b>Department of Biotechnology</b>
<b>3425</b>	Other Scientific Research 2018-2019
<b>3425.60</b>	Others (Sub Major Head)
<b>3425.60.200</b>	Assistance to other Scientific Bodies (Minor Head)
<b>3425.60.200.29</b>	Biotechnology Research and Development
<b>3425.60.200.29.17</b>	Assistance for Research and Development
<b>3425.60.200.29.17.35</b>	Grants for creation of capital assets

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

<b>Demand No. 85</b>	<b>Department of Biotechnology</b>
<b>3425</b>	Other Scientific Research 2018-2019
<b>3425.60</b>	Others (Sub Major Head)
<b>3425.60.200</b>	Assistance to other Scientific Bodies (Minor Head)
<b>3425.60.200.29</b>	Biotechnology Research and Development
<b>3425.60.200.29.17</b>	Assistance for Research and Development
<b>3425.60.200.29.17.31</b>	Grants-in-Aid General

#### 4. Terms & Conditions:

In case the whole or a part of the amount of the grant-in-aid is being refunded, an interest rate at the rate of ten percent thereon shall be recovered. The equipment sanctioned under the project should be purchased within 18 months from the date of the release of the grant.

- 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 between the grantee institutions and DBT. In case of NGO's and Private Institution's, execution of MOA is mandatory before 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 Executive Director, Regional Centre For Biotechnology, Faridabad, Haryana and The Registrar, Amity University Haryana, Gurgaon, Haryana 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. 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.
9. If the Research Project involves biological resources, the obligations under the Biological Diversity Act 2002 as applicable shall be complied with by the Project Investigator, the details of such obligations can be accessed at [www.nbaindia.org](http://www.nbaindia.org)
10. This issues under the power delegated to this Department and with the concurrence of IFD vide their SAN No. **102/IFD/SAN/4866/2018-2019** dated **March, 07 2019**.
11. This sanction order has been noted at serial no. 117 in the Register of Grants.

  
(Dr. Vinita N Chaudhary)  
Scientist 'E'

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

**Copy to:**

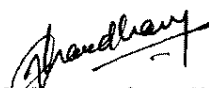
- 1 The Principal Director of Audit (Scientific Departments), DACR Building, New Delhi-110002.
- 2 Avinash Bajaj (Project Co-ordinator), Regional Centre for Biotechnology, NCR Biotech Science Cluster, 3rd Milestone Faridabad-Gurgaon Exp
- 3 The Executive Director, Regional Centre For Biotechnology, 3rd Milestone, Faridabad-Gurgaon Expressway, P.O. Box No. 3, Faridabad - 121 001
- 4 The Registrar, Amity University Haryana, Amity Education Valley, Manesar, Gurgaon - 122413, Haryana
- 5 Dr. Rajendra Prasad, Professor, Amity Institute of Integrative Sciences and Health, Amity University Haryana, Amity Education Valley, Gurgaon-122413.
- 6 Dr. Ujjaini DasGupta, Assistant Professor, Amity Institute of Integrative Sciences and Health, Amity University Haryana, Amity Education Valley, Panchgaon, Manesar, Gurgaon, - 122413, Haryana
- 7 Prof. Avinash Bajaj, Associate Professor, Regional Centre for Biotechnology, NCR Biotech Science Cluster, 3rd Milestone Faridabad-Gurgaon Expressway, Village-Bhankri, Faridabad-121001 (Haryana), INDIA., Faridabad - 122016, Haryana
- 8 Cash Section, DBT (2 copies).
- 9 Sanction Folder.
- 10 File Copy.

  
(Dr. Vinita N Chaudhary)  
Scientist 'E'

**Annexure -I**

Details of the Equipment sanctioned for the implementation of the project entitled "**Combating Topical and Medical Device Related Multidrug Resistant Fungal Infections Using Molecularly Engineered Anti-Fungal Hydrogels**":

<b>Regional Centre For Biotechnology</b>			
<b>SNo.</b>	<b>Name of Equipment</b>	<b>No.</b>	<b>Cost(Rs.)</b>
1.	-80 Freezer	1	600000.00
2.	Pipette Set	1	100000.00
3.	Lab Computer	1	100000.00
<b>Total</b>			<b>800000.00</b>
<b>Amity University Haryana</b>			
<b>SNo.</b>	<b>Name of Equipment</b>	<b>No.</b>	<b>Cost(Rs.)</b>
1.	PCR Machine	1	500000.00
2.	Incubator	1	200000.00
<b>Total</b>			<b>700000.00</b>

  
(Dr. Vinita N Chaudhary)  
Scientist 'E'



**Annexure -II**

Details of the manpower sanctioned for the implementation of the project entitled "**Combating Topical and Medical Device Related Multidrug Resistant Fungal Infections Using Molecularly Engineered Anti-Fungal Hydrogels**":

Head	No. of Position	Year I	Year II	Year III	Total (Rs.)
<b>1. Amity University Haryana</b>					
Junior Research Fellow Rs. 31000/month + 30% HRA for 1st and 2nd year	2	967200	967200	0	<b>1934400</b>
Junior Research Fellow Rs. 35000/month + 30% HRA for 3rd year	2	0	0	1092000	<b>1092000</b>
<b>Total(Rs.)</b>		<b>967200</b>	<b>967200</b>	<b>1092000</b>	<b>3026400</b>
<b>2. Regional Centre For Biotechnology</b>					
Attendant Rs. 16000/month	1	192000	192000	192000	<b>576000</b>
Senior Research Fellow Rs. 35000/month + 30% HRA	1	546000	546000	546000	<b>1638000</b>
<b>Total(Rs.)</b>		<b>738000</b>	<b>738000</b>	<b>738000</b>	<b>2214000</b>

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-08/2018 dated 30.01.2019.

  
(Dr. Vinita N Chaudhary)  
Scientist 'E'

Government of India  
Ministry of Science and Technology  
Department of Science & Technology  
(International Bilateral Cooperation Division)

Technology Bhavan, New Mehraulli Road  
New Delhi-110016  
Date: 25.10.2018

INT/RUS/RFBR/P-328

ORDER

Subject: Implementation of Indo- Russian Joint project entitled: "Unraveling the links between bioenergetics constrains, cell wall integrity, and multidrug resistance in fungi" coordinated **Dr. Rajendra Prasad**, Amity University Haryana - regarding.

Sanction of the President is hereby accorded for incurring an expenditure not exceeding **Rs 26,44,400/- (Rupees Twenty Six Lakh Forty Four Thousand and Four Hundred Only)** for implementation of the Indo- Russian joint project entitled "Unraveling the links between bioenergetics constrains, cell wall integrity, and multidrug resistance in fungi" coordinated **Dr. Rajendra Prasad**, Amity University Haryana with the Russian partner **Dr. Dmitry Knorre**, Moscow State University, Moscow Russia for a total duration of Two years from the date of issue of the Sanction Order. The detailed breakup of the grant for General as well as Capital Components are given below:-

General Component : Rs. 26,44,400/-  
Capital Component : Rs. NIL

2. As per the terms and conditions, agreed by both side, under the project the sending side will bear all the cost related to the International air travel, medical insurance, visa charges of accommodation, and local travels of the visiting scientist. The break-up of approved expenditure is as indicated below :

Item of Expenditure	Amount		
	First year	Second year	Total
<b>1. Consumables</b>	6,50,000	6,50,000	13,00,000
<b>2. Contingency</b>	1,00,000	1,00,000	2,00,000
<b>3. Exchange Visits</b> (Two visit, as calculated in para 3 below) For visit of Indian scientists to Russia	5,07,200	5,07,200	10,14,400
<i>Year wise Cost</i>	12,57,200	12,57,200	25,14,400
<i>Overhead @ 10% (on items no.1)</i>	65,000	65,000	1,30,000
<i>Total year wise cost</i>	13,22,200	13,22,200	26,44,400
<i>Grand Total</i>	Rs. 26,44,400/-		

3. Sanction of the President is hereby accorded for release of 1<sup>st</sup> instalment amounting of **Rs. 13,22,200/- (Rupees Thirteen Lakh Twenty Two Thousand and Two Hundred only)** to the grantee Institute. The amount of grant will drawn by the Drawing and Disbursing Officer, DST and will be disbursed to **Amity University Haryana**, The bank details for electronic transfer of funds through RTGS are given below:-



Account Holders name/ designation	Amity University Haryana
Name of Bank	Axis Bank
Bank Account Number	910010023405214
IFSC Code	UTIB0000720
E-Mail	-----

**Condition for placing of grant amount :**

4. All interest or other earnings against Grant-in-aid or advances (other than reimbursement) released to any grantee institution should be mandatorily remitted to the Consolidated Fund of India immediately after finalization of the accounts. Such advances should not be allowed to be adjusted against future releases.

**Conditions for submission of SE/UC and Progress report:**

5. (a) the grantee organisation will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.
- (b) While submitting Utilisation Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.
- (c) a transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/ Organisation under the appropriate rules of the grantee 2organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee 2organization immediately on receipt of the grant;
6. The grantee organisation will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.
7. In the event grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.

**Conditions of Assets (if any) :**

- 8.(a) DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.
- (b) The equipment/instrument shall have to be purchased within twelve months from the date of release of the capital grant. Fresh permission shall have to be sought from DST, in the event, the Institute fails to purchase the equipment/instrument within the prescribed period of twelve months from the date of release of sanctioned amount.

**Conditions for International Visits :**

9. All project related visits to be undertaken by the Scientists from either side in connection with the implementation of the project shall require prior approval from this Department separately on a case to case basis before any expenditure is incurred in this regard.

10. As per MoF instructions, it has been decided that in all cases of air travel, both domestic and international, where the Government of India bears the cost of air passage, the officials concerned may travel only by Air India. For travel to stations not connected by Air India, the officials may travel by Air India to the hub/point closest to their eventual destination, beyond which they may utilize the services of another airline which should also preferable be an alliance partner of Air India.

**Other Conditions:**

11. The account of the grantee organisation shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organisation is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.

12. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organisation in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.

13. In case the scheme provides for payment of honorarium / remuneration / fellowship / scholarship to the PI, a para may suitably be incorporated in the DSO to the effect that "PI is not drawing any emoluments/ salary/ fellowship from any other project either supported by DST or by any other funding agency.

**14. Failure to comply with the terms and conditions of the sanction order will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.**

15. The expenditure involved is debitable to Demand No.84, Department of Science & Technology for the year 2017-18:


3425	:	Other Scientific Research (Major Head)
60	:	Others
60.798	:	International Cooperation (Minor Head)
14	:	Research & Development
14.00.31	:	Grants-in-aid General for the year 2017-18 (Plan)
		<b>(Previous : ICD-3425.60.798.12.00.31)</b>

16. This sanction order being 1<sup>st</sup> instalment for implementation of this project, no SE/UC is due from the grantee institution against this project.

17. This issues with the concurrence of IFD vide their concurrence Dy. No. **C/3380 /IFD 2017-18 dated 22.10.2018.**

18. As per Rule 234 of GFR 2017, this sanction has been entered at S. No. **279** in the register of grants maintained in the Division.


19. Darpan Portal NGO ID. **HR/2018/0184221.**

  
(Rajiv Kumar)  
Scientist 'E'

To,  
The Pay & Accounts Officer,  
Department of Science & Technology,  
New Delhi-110016

Copy to:


1. Office of the Principal Director of Audit, AGCR Bldg., IP Estate, New Delhi-110002
2. Cash Section (3 copies), DST
3. I.F. Division/Accounts Section, DST
4. Sanction Folder
5. Project File.
6. **Dr. Rajendra Prasad**, Amity University Haryana
7. **Director / Registrar\***, Amity University Haryana
8. **Finance Officer\***, Amity University Haryana

  
(Rajiv Kumar)  
Scientist 'E'

Annexure

Break up of expenditure on each visit of Indian Scientists visiting collaborative institute is calculated broadly as below: (All conversion US \$ 1= Rs. 60)

1) International Fare Delhi – Moscow – Delhi	Rs. 80,000
i. By excursion / economy class	
2) Medical Insurance (Silver Class)	Rs. 4,000
3) Domestic Travel related to visit	Rs. 2,000
4) Visa Fee (as per actual)	Rs. 8,000
5) Accommodation in Moscow @US \$ 125 14 days	Rs. 1,05,000
6) Cash Allowance @ US \$ 40 for 14 days	Rs.33,600
7) Transport Allowance @ Us \$ 25 for 14 days	Rs.21,000
<b>Total</b>	<b>2,53,600/-</b>

  
(Rajiv Kumar)  
Scientist 'E'



भारतीय आयुर्विज्ञान अनुसंधान परिषद्  
INDIAN COUNCIL OF MEDICAL RESEARCH

अन्सारी नगर, पोस्ट बॉक्स 4911, नई दिल्ली - 110 029  
ANSARI NAGAR, POST BOX 4911, NEW DELHI - 110 029

File No. AMR/149/2018-ECD-II

Dated: 16/8/18

Subject:- Payment of 1<sup>st</sup> and final Installment of grant-in-aid for the research scheme entitled, "Mechanism, evolution and pharmacology of multidrug resistance in the emerging fungal pathogen *Candida auris* among Indian cohort of patients" under Dr. Arunaloke Chakrabarti, Professor, Department of Medical Microbiology, Postgraduate Institute of Medical Education & Research, Chandigarh - 160012, India.

MEMORANDUM

Reference this office letter No. AMR/149/2018-ECD-II

The Director-General, ICMR sanctions the payment of Rs. 24,62,720/- (Twenty Four Lakh Sixty Two Thousand Seven Hundred and Twenty Only) as the 1<sup>st</sup> & final installment of the 1<sup>st</sup> year grant in connection with the above mentioned research scheme. The amount Rs. 24,62,720/- may be debited in the provision of Rs. 24,62,720/- made for the above mentioned research scheme for the current financial year.

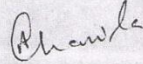
A formal bill for Rs. 24,62,720/- is sent herewith for payment by RTGS Rs 24,62,720/- to Amity University, Haryana, Manesar, Gurgaon - 122413.

(Arti Chawla)  
Administrative Officer  
For Director General

Accounts Section, ICMR

Copy to: -

1. Amity University, Haryana, Manesar, Gurgaon - 122413.
2. Dr. Arunaloke Chakrabarti, Professor, Department of Medical Microbiology, Postgraduate Institute of Medical Education & Research, Chandigarh - 160012, India. An RTGS for the amount of Rs. 24,62,720/- installment will be sent to you in due course. The grant has been sanctioned on the conditions laid down in our letter referred to above. It is requested that an audited statement of accounts together with utilization certificate for the grant received and utilized may be sent to this office in due course.
3. IRIS Cell (P & I) Section, ICMR, IRIS No. 2018-5020IN
4. Mrs. Vandana, Sr. T.O.-II.

  
For Director General



भारतीय आयुर्विज्ञान अनुसंधान परिषद  
**INDIAN COUNCIL OF MEDICAL RESEARCH**

वी.रामलिंगस्वामी भवन, अन्सारी नगर, पोस्ट बॉक्स 4911, नई दिल्ली -110 029  
V.RAMALINGASWAMI BHAWAN, ANSARI NAGAR, POST BOX 4911, NEW DELHI - 110 029

No. AMR/149/2018-ECD-II

Dated: 16/8/18

To,  
The Registrar,  
Amity University, Haryana,  
Manesar, Gurgaon - 122413

**Subject:-** Sanction and budget allotment for the New Schemes Entitled "**Mechanism, evolution and pharmacology of multidrug resistance in the emerging fungal pathogen Candida auris among Indian cohort of patients**" under **Dr. Arunaloke Chakrabarti**, Professor, Department of Medical Microbiology, Postgraduate Institute of Medical Education & Research, Chandigarh – 160012, India.

Sir,

The Director General of the Council sanctions the above mentioned research scheme initially for a period of **One Year** subject to extension upto the total duration specified in para 3 below.

The Director General of the Council also sanctions the budget allotment of **Rs. 24,62,720/- (Twenty Four Lakh Sixty Two Thousand Seven Hundred and Twenty Only)** as detailed in the attached statement for the period w.e.f **01.09.2018** year ending on **31.08.2019** during **2018-19**.


The grant-aid will be given subject to the following conditions:

1. The payment of the grant will be made in lump-sum to the Head of the Institution. The first installment of the grant will be paid generally as soon as a report regarding the commencement of the project and appointment of the staff is received by the Council. The demand for payment of the subsequent installment of the grant should be placed with the Council in the prescribed performa attached.
2. The staff appointed on the project should be paid as indicated in the budget statement attached.
3. The approved duration of the scheme for **3 Years**. The annual extension will be given after review of the work done on the scheme during the previous year.
4. Fifteen copies of the Annual Progress Report of work done be submitted to the Council every year after completion of ten months of the project. Failure to submit the report in time may lead to termination of the project.

Contd...2/-

5. The institute will maintain a separate account of the receipts and the expenditure incurred on the scheme and will furnish a utilization certificate and an audited statement of account pertaining to the grant.
6. The other terms and conditions are indicated in the website of ICMR ([www.icmr.nic.in](http://www.icmr.nic.in)) for "Guidelines for operation of projects for Grantees of ICMR's Extramural Research Projects". The receipt of this letter may please be acknowledged.

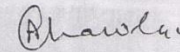
Yours faithfully,

  
(Arti Chawla)  
Administrative Officer  
for Director General.

No. AMR/149/2018-ECD-II

Copy together with a copy of the budget statement forwarded for information to: -

1. ✓ **Dr. Arunaloke Chakrabarti**, Professor, Department of Medical Microbiology, Postgraduate Institute of Medical Education & Research, Chandigarh - 160012, India.
2. Copy together with two copies of the budget statement forwarded to the **Accounts Section V, ICMR** for information and necessary action.  
**RFC No.:(P-47)ECD/NTF/21/2018-19 dt. 25/07/18**
3. Copy together with two copies of the budget forwarded to the **Finance Section, ICMR** for compilation of the Council's budget.
4. IRIS Cell (Division of P & I), ICMR. **IRIS No. 2018-5020N**
5. Mrs. Vandana, Sr. T.O.-II

  
for Director General.



Dated: 21-Feb-2019

**ORDER**

Subject: Financial Sanction under Teachers Associateship for Research Excellence (TARE) to Dr. Munindra Ruwali, Amity University, Amity Education Valley, Panchgaon, Manesar, Distt. Gurgaon, Gurgaon, Haryana-122413- under the mentorship of Dr. S. J. S. Flora, at National Institute of Pharmaceutical Education and Research Near Shree Bhawani Paper Mill, Doorbhash Kendra Marg - 229010- Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned grant at a total cost of Rs. 18,30,000/- (Rs. Eighteen Lakh Thirty Thousand Only) for a duration of 36 months. The date of start of the project will be 06 November, 2018. The items of expenditure for which the total allocation of Rs. 18,30,000/- has been approved are given below:

The following budget is proposed for

**Amity University, Amity Education Valley, Panchgaon, Manesar, Distt. Gurgaon, Gurgaon, Haryana-122413 (Parent)**

Sl. No.	Budget Head	Amount
1.	Fellowship	Rs. 0 ( @0/- per month (consolidated))
2.	Research Grant	Rs. 2,50,000/- per annum
3.	Overheads	Rs. 25,000/- per annum

**National Institute of Pharmaceutical Education and Research Near Shree Bhawani Paper Mill, Doorbhash Kendra Marg - 229010 (Host)**

Sl. No.	Budget Head	Amount
1.	Fellowship	Rs. 60,000 ( on completion of 90 days mandatory attendance in the host institute every year)
2.	Research Grant	Rs. 2,50,000/- per annum
3.	Overheads	Rs. 25,000/- per annum

2. Sanction of the SERB is also accorded to the payment of Rs. 2,75,000/- (Rupees Two Lakh Seventy Five Thousand only) to Amity University, Amity Education Valley, Panchgaon, Manesar, Distt. Gurgaon, Rs. 3,35,000/- (Rupees Three Lakh Thirty Five Thousand only) to National Institute of Pharmaceutical Education and Research Near Shree Bhawani Paper Mill, Doorbhash Kendra Marg - 229010 being the first installment of the grant for the year 2018-2019 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 Teachers Associateship For Research Excellence (TARE). (Health Sciences)**

4. The Sanction has been issued to with the approval of the competent authority vide Diary No. SERB/F/11300/2018-2019 dated 18 February, 2019

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website ([www.serb.gov.in](http://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. 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 release amount of Rs. 2,75,000/- (Rupees Two Lakh Seventy Five Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	AMITY UNIVERSITY HARYANA
Account Number	910010023405214
Bank Name & Branch	AXIS BANK LTD IMT-MANESAR Shop No 34 To 36, 38, 39 And 64 To 69, Tower-J, Sector-2, IMT Manesar, Dist Gurgaon, Haryana 122050
IFSC/RTGS Code	UTIB0000720
Email address of PI	munindraruwali@gmail.com
Email id of A/C Holder	registrarah@ggn.amity.edu
Email address of concerned officer	ms_tare@serbonline.in

The release amount of Rs. 3,35,000/- (Rupees Three Lakh Thirty Five Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	NIPER, Raebareli
Account Number	30635448039
Bank Name & Branch	State Bank of India CDRI Branch Central Drug Research Institute, B.S. 10/1, Sector 10, Jankipuram Extn., Sitapur Road, Lucknow 226031 (UP)
IFSC/RTGS Code	SBIN0010174
Email address of PI	munindraruwali@gmail.com
Email id of A/C Holder	director@niperraebareli.edu.in
Email address of concerned officer	ms_tare@serbonline.in

9. Both the institutes will furnish Utilization certificate (UCs) financial year wise to the SERB and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

10. The institute will maintain separate audited accounts for the fellowship. 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.

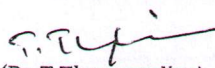
11. The File no. **TAR/2018/001143** may also be mentioned in all research communications arising from the above project with due acknowledgement of **SERB**.

12. As this is the first grant for the fellowship, no previous U/C is required.

13. 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.

14. 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.

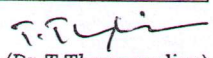
15. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST),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

  
(Dr. T Thangaradjou)  
Scientist E  
ms\_tare@serbonline.in

To,  
Under Secretary  
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.	(i) Dr. Munindra Ruwali Amity Institute of Biotechnology Amity University, Amity education valley, panchgaon, manesar, distt. gurgaon, Gurgaon, Haryana-122413 Email: munindraruwali@gmail.com Mobile: 919818024870  (ii) Dr. S. J. S. Flora National Institute of Pharmaceutical Education and Research Near Shree Bhawani Paper Mill, Doorbhash Kendra Marg - 229010  (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit <a href="http://www.serb.gov.in">www.serb.gov.in</a> .)
5.	(i) Director, Amity University, Amity Education Valley, Panchgaon, Manesar, Distt. Gurgaon  (ii) Director National Institute of Pharmaceutical Education and Research Near Shree Bhawani Paper Mill, Doorbhash Kendra Marg - 229010  (Receipt of Grant may be intimated by name to the undersigned)

  
.. (Dr. T Thangaradjou)  
Scientist E  
ms\_tare@serbonline.in

Administrative

No. BT/PR27108/BID/7/820/2017  
GOVERNMENT OF INDIA  
MINISTRY OF SCIENCE & TECHNOLOGY  
DEPARTMENT OF BIOTECHNOLOGY

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

Dated: 19/09/2018

**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: "**A computational software to find biomarkers using alternative splicing as a tool**" for a period of 3 Year 0 Month at a total cost of Rs. **1996063.00** (Rupees Nineteen Lakhs Ninety Six Thousand and Sixty Three Only) on the terms and conditions detailed here under:-

**2 The Project :**

**2.1 Title :** "A computational software to find biomarkers using alternative splicing as a tool"

**2.2 Details of the Investigators:**

**Project Coordinator**

**Dr. Ravi Datta Sharma**

Assistant Professor

Amity Institute of Biotechnology

Amity University Haryana Amity Education Valley,

Panchgaon, NH-8 Gurgaon (Manesar) -122 413 Haryana,

**Principal Investigators:**

**Dr. Ravi Datta Sharma**

Assistant Professor

Amity Institute of Biotechnology

Amity University Haryana, Amity Education Valley,

Panchgaon, NH-8 Gurgaon (Manesar) -122 413 Haryana,

**CO- Principal Investigators:**

**Dr. Arnab Mukhopadhyay**

Staff Scientist V

Molecular Aging Laboratory

National Institute of Immunology

Aruna Asaf Ali Marg, New Delhi - 110067, Delhi

**Dr. Alok Srivasatava**

Assistant Professor

Amity Institute of Integrative Science and Health

Amity Institute of Biotechnology (AUH),

Amity University Haryana, NH-08, Panchgaon,, Manesar - 122413, Haryana

Dr. R  
(AIB(AIIS))

8/13

**Objectives:****Overall Objectives:**

1. Development of a novel pipeline to discover Alternative Splicing in RNA-Seq data
2. Construction of transcript structure
3. Quantification of Isoform abundance
4. Network analysis of genes to find novel splicing regulators
5. Application of these algorithms (Software package) to other organism

**Institute wise Objectives:****Amity University Haryana**

1. Development of a novel pipeline to discover Alternative Splicing in RNA-Seq data
2. Construction of transcript structure
3. Quantification of Isoform abundance
4. Network analysis of genes to find novel splicing regulators
5. Application of these algorithms (Software package) to other organism

**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. **1996063.00** (Rupees Nineteen Lakhs Ninety Six Thousand and Sixty Three Only) as per details given below :

Institute	Year I	Year II	Year III	Total Cost(Rs.)
1. Amity University Haryana	1451063	545000	0	1996063
<b>Total (Rs.)</b>	<b>1451063</b>	<b>545000</b>	<b>0</b>	<b>1996063</b>

**Institute wise details are:**

Budget Head	Year I	Year II	Year III	Total(Rs.)
<b>1. Amity University Haryana</b>				
Equipment	906063.00			906063.00
Manpower	330000.00	330000.00	0.00	660000.00
Contingency	50000.00	50000.00		100000.00
Overhead	75000.00	75000.00		150000.00
Travel	50000.00	50000.00		100000.00
Consumables	40000.00	40000.00		80000.00
<b>Total (Rs.)</b>	<b>1451063.00</b>	<b>545000.00</b>	<b>0.00</b>	<b>1996063.00</b>

**2.6 Equipment:**

The details of the equipment sanctioned for the implementation of the project at

**Annexure-I**

**Manpower:**

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

**Head of Account:**

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

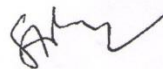
Demand No. 85	Department of Biotechnology
3425	Other Scientific Research 2018-2019
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Biotechnology Research and Development
3425.60.200.29.17	Assistance for Research and Development
3425.60.200.29.17.35	Grants for creation of capital assets

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

Demand No. 85	Department of Biotechnology
3425	Other Scientific Research 2018-2019
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Biotechnology Research and Development
3425.60.200.29.17	Assistance for Research and Development
3425.60.200.29.17.31	Grants-in-Aid General

**4. Terms & Conditions:**

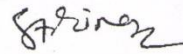
- A. The Non Recurring item must be procured and installed within six month period from the date of sanction.
  - B. In case the whole or a part of the amount of the Grants for Creation of Capital Assets is being refunded, an interest rate of ten percent thereon shall be recovered.
  - C. In case the whole or a part of the amount of the Grants-in-Aid is being refunded, an interest rate of ten percent thereon shall be recovered.
- 4.1 The other terms and conditions governing this sanction are attached at Annexure- III.
- 4.2 A 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 Registrar, Amity University Haryana, Gurgaon, Haryana would be responsible for submission of Statements of Expenditure (SoE), utilization certificates (UC), Assets Certificates, Manpower



Annexure -I

of the Equipment sanctioned for the implementation of the project titled "**A computational ware to find biomarkers using alternative splicing as a tool**":

Amity University Haryana			
SNo.	Name of Equipment	No.	Cost(Rs.)
1.	Computer system	1	796441.00
2.	Data Storage	1	109622.00
Total			906063.00



(Dr. Suchita Ninawe)  
Adviser/Scientist 'G'

No.SR/FST/PS-I/2018/48(C)  
GOVERNMENT OF INDIA  
MINISTRY OF SCIENCE & TECHNOLOGY  
DEPARTMENT OF SCIENCE & TECHNOLOGY  
R & D (Infrastructure) DIVISION

Technology Bhawan,  
New Mehrauli Road,  
New Delhi -110016.

22<sup>nd</sup> July, 2019

ORDER

Subject: Financial assistance (1<sup>st</sup> installment) to the Amity School of Applied Science, Amity University Gurgaon (Manesar) Haryana under FIST Program.

Sanction of the President is hereby accorded to the approval of the aforesaid project at a total cost of **Rs. 84,00,000/- (Rupees Eighty four lakh only)** for 5 years. The detailed breakup of the grant for General as well as Capital Components are given below:

To augment of research facilities in the Department on 50:50 Mode (Being a Private Institute)

**Capital Assets: Rs. 75.0 L**

Rs.75.0L [i) Zeta Sizer and Dynamic Light Scattering Instruments (DLS)- Rs 50.0L, ii) Differential Thermal Analyzer (DTA)- Rs 25.0L]

**General Components: Rs. 9.0 L**

M- Rs. 9.0 L

**Total : Rs.84.0 Lakh**

2. The total budget recommended for 5 years has been phased as below: (Rs. In lakh)

Budget Heads	1 <sup>st</sup> year	2 <sup>nd</sup> year	3 <sup>rd</sup> year	4 <sup>th</sup> year	5 <sup>th</sup> year	Total
Equipment	75.0	-	-	-	-	Rs 75.0L [ DST share - 37.5 & university share -37.5]
Maintenance	-	2.0	2.0	3.0	2.0	9.0 [ DST share -4.5 & university share -4.5]
Total	75.0	2.0	2.0	3.0	2.0	84.0

Sanction of the President is also accorded to the release of **Rs. 37,50,000/- (Rupees Thirty Seven lakh and fifty thousand only)** to the Registrar, Amity University Gurgaon (Manesar) Haryana under FIST Program as a 1<sup>st</sup> installment of the grant in 2019-2020 under 'creation of capital assets' head for the maximum cost of the aforesaid Equipment including (9.4%) Custom Duty & other duties under the 'Equipment'. The break-up of the 1<sup>st</sup> installment grant released now would be 'Equipment: Rs. 37.5 lakh for procurement of Equipment mentioned above [Equipments of Foreign Origin to be acquired on FE Terms only and should not include charges for any comprehensive Maintenance and training personnel from the vendors during procurement process].

4. The Department/Institute will appropriately limit the expenditure within the sanctioned amount in case of any expected excess expenditure. The Department is requested to utilize the released funds in first one year from the date of sanction order.

5. This sanction is subject to the condition that the grantee organisation will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

*Pratishtha Pandey*

6. The grantee organisation will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division with UC id generated in PFMS Portal. The subsequent/final instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS
7. If the grant has been released under Capital head/General through separate sanction order(s) under the same project for purchase of equipment, separate SE/UC has to be furnished for the released Capital head/General grant.
8. **There is no pending SE/UC on this Project as per details in the PFMS also. This is the first release of this project under FIST Program, which has been initiated, in this financial year so no previous UC is attached with this sanction order.**
9. The grant-in-aid being released is subject to the condition that:
  - (a). a transparent procurement procedure in line with the provisions of General Financial Rules 2017 will be followed by the University/Institute under the appropriate rules of the grantee organisation while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the University/Institute immediately on receipt of the grant, and
  - (b). while submitting Utilization Certificate/Statement of Expenditure, the University/Institute has to ensure submission of supporting documentary evidences with regard to the purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.
  - c) Grantee Institute may furnish copy of invoice in respect of equipments worth Rs. 5.0 L and above along with customs clearance certification (in case of imported equipments) after procurement of the equipments.
  - d) Servers, Desktops, Workstations, Printers etc. may be procured through GeM (Government E-Market) platform.
  - e) Grantee Institute will furnish copy of bills showing expenditure incur on maintenance of the equipments after warranty period of respective equipments are over.
10. "In terms of Rule 230(8) of GFR 2017, the grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grants released during F.Y. 2017-18 and onwards, all interests and other earnings, generated against released Grant shall be remitted to Consolidated Fund of India".
11. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.
12. The account of the grantee organisation shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organisation is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.
13. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organisation in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.
14. Failure to comply with the terms and conditions of the scheme will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.

*Pratibha Pandey*

Contd...3/-



15. The expenditure involved is to be debited to  
Demand No. -84 Department of Science & Technology;  
"3425" -Other Scientific Research (Major Head);  
60-Others (Sub-Major Head);  
60.200-Assistance to other Scientific Bodies (Minor Head);  
68- Science and Technology Institutional and Human Capacity Building  
**68.00.35-Grants for creation of capital assets for the year 2019-2020 (Voted)**  
[Previous: R&D Support: 3425.60.200.25.01.35]  
The above release is made under 'R&D' Scheme.

16. The amount of **Rs. 37,50,000/- (Rupees Thirty Seven lakh and fifty thousand only)** will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to the **Registrar, Amity University Gurgaon (Manesar) Haryana**. The bank details for electronic transfer of funds through RTGS are given below:-

1. Name of the Account Holder: **Registrar, Amity University Gurgaon**
2. Name of the Bank: **Axis Bank**
3. Bank Account Number: **910010023405214**
4. IFSC Code: **UTIB0000720**
5. MICR Code:

17. As per Rule 234 of GFR 2017, this sanction has been entered at S. No. **56** in the register of grants maintained in the Division for the scheme (R&D Support).

18. This issues with the concurrence of IFD Vide their **Concurrence Dy.No. 1853** dated the **19/7/19** 2019.

*Pratishtha Pandey*  
(Pratishtha T. Pandey)  
Scientist 'E'  
Email: [pratishtha.tp@nic.in](mailto:pratishtha.tp@nic.in)

To  
The Pay and Accounts Officer,  
Department of Science & Technology,  
New Delhi.

Copy forwarded for information and necessary action to:

1. Cash Section (with two spare copies).
2. Registrar,  
Amity University Gurgaon  
(Manesar)  
Haryana - **122051**

Head,  
Amity School of Applied Science,  
Amity University Gurgaon  
(Manesar) - **122051**  
Haryana

3. Office of the Director & Audit, Scientific Department, AGCR Bldg., 3rd Floor, IP Estate; New Delhi -110002.
4. Office of Account General, Haryana, Chandigarh.
5. FIST-Secretariat.
6. CoA / IFD, DST, New Delhi.
7. Head, R & D (Infrastructure), DST New Delhi.
8. Sanction Folder.

*Pratishtha Pandey*  
(Pratishtha T. Pandey)  
Scientist 'E'  
Email: [pratishtha.tp@nic.in](mailto:pratishtha.tp@nic.in)



Dr. Anita Aggarwal  
Scientist-E  
TDT Division  
Room No.1, Hall-J  
Telephone No.011- 26590343  
Email:anita.a@nic.in

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

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

F. No. TDP/BDTD/25/2019

Dated: 20<sup>th</sup> August, 2019

D.O. No.

Dated .....

Subject: "Fabrication of the portable low cost point-of-care optical device for the Screening of thalassemic carrier."

Dear Dr. Jaydeep Bhattacharya

We are glad to inform you that above mentioned proposal has been sanctioned at a total cost of Rs. 34,71,600/- for a period of 2 Years,

JNU

- Rs. 12,10,800/- under the Grant in Aid General Head
- Rs. 8,00,000/- under the Grant in Aid Capital Head

Amity University

- Rs. 12,60,800/- under the Grant in Aid General Head
- Rs. 2,00,000/- under the Grant in Aid Capital Head

**The first installment of funds is released as:**

JNU

- Rs.8,10,400/- under the Grant in Aid General Head
- Rs.8,00,000/- under the Grant in Aid Capital Head

Amity University

- Rs.8,60,400/- under the Grant in Aid General Head
- Rs.2,00,000/- under the Grant in Aid Capital Head

For the implementation of the project.

The date on receipt of funds should be intimated to DST and will be considered as the date of commencement of project:-

Enclosed:

- k) Posting of expenditure on EAT module
- l) Manpower Norms

With warm regards,

Yours Sincerely  
*Anita*  
(Anita Aggarwal)  
20/8/19  
Scientist 'E'

Copy to:

1. Dr. Jaydeep Bhattacharya, Assistant Professor, School of Biotechnology, Jawaharlal Nehru University, Delhi, South west Delhi, New Delhi- 110067.
2. Dr. Ranjita Ghosh Moullick, Assistant Professor, Amity University Gurgaon, Haryana, Interdisciplinary and Integrative Health Sciences, Amity University, Gurgaon, Haryana.
3. Registrar, Jawaharlal Nehru University, Delhi, South west Delhi, New Delhi- 110067.
4. Registrar, Amity University, Haryana Manesar, Guragon.

Dated: 27-Mar-2019

**ORDER**

Subject: Financial Sanction of the research project titled "**Understanding Wnt Pathway and LncRNAs interaction for the identification of novel therapeutic targets in triple-negative breast cancers**" under the guidance of Dr. Amit Kumar Pandey, Amity Institute of Biotechnology, Amity University, Amity education valley, panchgaon, manesar, distt. gurgaon, Gurgaon, Haryana-122413 - 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. 5162998/- (Rs. Fifty One Lakh Sixty Two Thousand Nine Hundred and Ninety Eight Only)** with break-up of **Rs. 416515/- under Capital (Non-recurring) head** and **Rs. 4746483/- under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 5162998/-** has been approved are given below:

S. No	Head	Total (in Rs.)
<b>A</b>	<b>Non-recurring</b>	
1	Equipment -> PRECISION BALANCE and ANALYTICAL BALANCE -> Western Blot	416515
<b>A'</b>	<b>Total (Non-Recurring)</b>	<b>416515</b>
<b>B</b>	<b>Recurring Items</b>	
1	Recurring - I : (Manpower) Recurring - II : ( Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	1257120 3000000 20000
2	Recurring - IV : (Overhead Charges)	469363
<b>B'</b>	<b>Total (Recurring)</b>	<b>4746483</b>
<b>C</b>	<b>Total cost of the project (A' + B')</b>	<b>5162998</b>

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 416515/-** (Rupees Four Lakh Sixteen Thousand Five Hundred and Fifteen only) under 'Grants for creation of capital assets' and **Rs. 2107985/-** (Rupees Twenty One Lakh Seven Thousand Nine Hundred and Eighty Five only) under 'Grants-in-aid General' to **Registrar, Amity University, Amity Education Valley, Panchgaon, Manesar, Distt. Gurgaon** being the first installment of the grant for the year 2018-2019 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 Amity University, Amity Education Valley, Panchgaon, Manesar, Distt. Gurgaon with the approval of the competent authority under delegated powers on **20 March, 2019** and vide Diary No. **SERB/F/12885/2018-2019** dated **26 March, 2019**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website ([www.serb.gov.in](http://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-II, 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. 2524500/- (Rupees Twenty Five Lakh Twenty Four Thousand Five Hundred only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	AMITY UNIVERSITY HARYANA
Account Number	910010023405214
Bank Name & Branch	AXIS BANK LTD MANESAR(HR)SHOP NO. 34 TO 39
IFSC/RTGS Code	UTIB0000720
Email id of A/C Holder	registrarauh@ggn.amity.edu
Email id of PI	amitp17j@gmail.com

11. The institute will furnish to the SERB, 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/2018/000059 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 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.

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

To,  
Under Secretary  
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. Amit Kumar Pandey Amity Institute of Biotechnology Amity University, Amity education valley, panchgaon, manesar, distt. gurgaon, Gurgaon, Haryana-122413 Email: amitp17j@gmail.com Mobile: 918130967607 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit <a href="http://www.serb.gov.in">www.serb.gov.in</a> .)
5.	Registrar, Amity University, Amity Education Valley, Panchgaon, Manesar, Distt. Gurgaon (Receipt of Grant may be intimated by name to the undersigned)

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

**Government of India  
Ministry of Science and Technology  
Department of Science & Technology  
(International Bilateral Cooperation Division)**

**Technology Bhavan, New Mehraulli Road  
New Delhi-110016  
Date: 18.07.2019**

**DST/INT/RUS/RSF/P-29**

**ORDER**

Subject: Implementation of Indo-Russian Joint project entitled: **“Unraveling the molecular mechanism of lncRNAs involvement in Glioblastoma”** Coordinated by **Dr. Amit Kumar Pandey**, Amity University Haryana, Panchagaon, Manesar - regarding.

Sanction of the President is hereby accorded for incurring an expenditure not exceeding **Rs. 71,74,032/- (Rupees Seventy One Lakh Seventy Four Thousand Thirty Two Only)** for implementation of the Indo-Russian joint project entitled “Unraveling the molecular mechanism of lncRNAs involvement in Glioblastoma” Coordinated **Dr. Amit Kumar Pandey**, Amity University Haryana, Panchagaon, Manesar with the Russian partner **Dr. Marat Pavlyukov**, Russian Academy of Sciences , Russian Federation, Moscow, Russia for a total duration of Three years from the date of issue of the Sanction Order. The detailed breakup of the grant for General as well as Capital Components are given below:-

General Component : Rs. 71,74,032/-  
Capital Component : Rs. NIL

2. As per the terms and conditions, agreed by both side, under the project the sending side will bear all the cost related to the International air travel, medical insurance, visa charges, accommodation and local travels of the visiting scientist. The break-up of approved expenditure is as indicated below :

Item of Expenditure	Amount			Total
	First year	Second year	Third year	
1. Consumables & Accessories	Rs 12,00,000	Rs 12,00,000	Rs 12,00,000	Rs. 36,00,000
2. Contingency	Rs 50,000	Rs 50,000	Rs 50,000	Rs. 1,50,000
3. Exchange Visits (two visits each year, as calculated in Annexure – I below) For visit of Indian scientists to Russia	Rs 5,60,400	Rs 5,60,400	Rs 5,60,400	Rs 16,81,200
4. (i) JRF – 1. @ Rs. 31,000 pm + 8% HRA	Rs. 4,01,760	Rs.4,01,760	Rs. 4,53,600	Rs.12,57,120
<b>Year wise Cost</b>	22,12,160/-	22,12,160/-	22,64,000	66,88,320/-
<b>Overhead on 1 &amp; 4</b>	1,60,176	1,60,176	1,65,360/-	4,85,712/-
<b>Total year wise cost</b>	23,72,336/-	23,72,336/-	24,29,360/-	71,74,032/-
<b>Grand Total</b>	<b>Rs. 71,74,032/-</b>			

3. Sanction of the President is hereby accorded for release of 1<sup>st</sup> instalment amounting of **Rs. 23,72,336/- (Rupees Twenty-Three Lakh Seventy-Two Thousand Three Hundred Thirty-Six Only)** to the grantee Institute. The amount of grant will drawn by the Drawing and Disbursing Officer, DST and will be disbursed to **Amity University Haryana, Panchagaon, Manesar**. The bank details for electronic transfer of funds through RTGS are given below:-



Account Holders name/ designation	Amity Institute Haryana
Name of Bank	Axis Bank
Bank Account Number	910010023405214
IFSC Code	UTIB0000720
E-Mail	akpandey1@ggn.amity.edu

**Condition for placing of grant amount :**

4. The grantee organisation will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing account. For Grants released during F.Y. 2017-18 and onwards, all interests and other earnings against released Grant shall be remitted to Consolidated Fund of India (through Non-Tax Receipt Portal (NTRP), i.e. www.bharatkosh.gov.in), immediately after finalisation of accounts, as it shall not be adjusted towards future release of Grant. A certificate to this effect shall have to be submitted along with Statement of Expenditure / Utilisation Certificate for considering subsequent release of Grant/ Closure of Project accounts.

**Conditions for submission of SE/UC and Progress report:**

5. (a) the grantee organisation will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.
  - (b) While submitting Utilisation Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.
  - (c) a transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/ Organisation under the appropriate rules of the grantee 2organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee 2organization immediately on receipt of the grant;
6. The grantee organisation will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.
7. In the event grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.

**Conditions of Assets (if any) :**

- 8.(a) DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.
- (b) The equipment/instrument shall have to be purchased within twelve months from the date of release of the capital grant. Fresh permission shall have to be sought from DST, in the event, the Institute fails to purchase the equipment/instrument within the prescribed period of twelve months from the date of release of sanctioned amount.



### Conditions for International Visits :

9. All project related visits to be undertaken by the Scientists from either side in connection with the implementation of the project shall require prior approval from this Department separately on a case to case basis before any expenditure is incurred in this regard.

10. As per MoF instructions, it has been decided that in all cases of air travel, both domestic and international, where the Government of India bears the cost of air passage, the officials concerned may travel only by Air India. For travel to stations not connected by Air India, the officials may travel by Air India to the hub/point closest to their eventual destination, beyond which they may utilize the services of another airline which should also preferable be an alliance partner of Air India. Tickets are to be booked in terms of guidelines issued under DoE OM No. 19024/22/2017-E.IV dated 19th July, 2017

### Other Conditions:

11. The account of the grantee organisation shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organisation is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.

12. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organisation in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.

13. In case the scheme provides for payment of honorarium / remuneration / fellowship / scholarship to the PI, a para may suitably be incorporated in the DSO to the effect that "PI is not drawing any emoluments/ salary/ fellowship from any other project either supported by DST or by any other funding agency.

**14. Failure to comply with the terms and conditions of the sanction order will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.**


15. The expenditure involved is debit to Demand No.84, Department of Science & Technology for the year 2019-20:

3425	:	Other Scientific Research (Major Head)
60	:	Others
60.798	:	International Cooperation (Minor Head)
14	:	Research & Development
14.00.31	:	Grants-in-aid General for the year 2019-20 (Previous : ICD-3425.60.798.12.00.31)

16. This sanction order being 1<sup>st</sup> instalment for implementation of this project, no SE/UC is due from the grantee institution against this project.

17. This issues with the concurrence of IFD vide their concurrence Dy. No. **C/1782/IFD 2019-20 dated 18.07.2019.**

18. As per Rule 234 of GFR 2017, this sanction has been entered at S. No. **138** in the register of grants maintained in the Division.

  
(Rajiv Kumar)  
Scientist 'E'  
3/4

To,

The Pay & Accounts Officer,  
Department of Science & Technology,  
New Delhi-110016

Copy to:

1. Office of the Principal Director of Audit, AGCR Bldg., IP Estate, New Delhi-110002
2. Cash Section (3 copies), DST
3. I.F. Division/Accounts Section, DST
4. Sanction Folder
5. Project File.
6. **Dr. Amit Kumar Pandey**, Amity University Haryana, Panchagaon, Manesar
7. **Director / Registrar**, Amity University Haryana, Panchagaon, Manesar
8. **Finance Officer**, Amity University Haryana, Panchagaon, Manesar

  
(Rajiv Kumar)  
Scientist 'E'

**Annexure – I**

Break up of expenditure on each visit of Indian Scientists visiting collaborative institute is calculated broadly as below: (All conversion US \$ 1= Rs. 70)

1) International Fare Delhi – Moscow - Delhi	Rs. 80,000
i. by excursion economy class	
2) Medical Insurance (Silver Class)	Rs. 4,000
3) Domestic Travel related to visit	Rs. 2,000
4) Visa Fee (as per actual)	Rs. 8,000
5) Accommodation in Moscow @US \$ 125 14 days	Rs. 1,22,500
6) Cash Allowance @ US \$ 40 for 14 days	Rs. 39,200
7) Transport Allowance @ Us \$ 25 for 14 days	Rs. 24,500
<b>Total</b>	<b>Rs. 2,80,200/-</b>

  
(Rajiv Kumar)  
Scientist 'E'  
4/4





# मैथिली-भोजपुरी अकादमी, दिल्ली

(कला, संस्कृति एवं भाषा विभाग, दिल्ली सरकार)

7-9, आपूर्ति भवन, आराम बाग, पहाड़गंज, नई दिल्ली-110055

दूरभाष : 23629681, 23629682

E-mail : mbacademydelhi@rediffmail.com

संख्या 35(1)RW/2018-19/MBA/3/65

दिनांक 8/03/2019

सेवा में

नचिकेता

Prof - Udaya Narayana Singh

Dean, Faculty of Arts & Chair - Professor, Amity University  
Amity  
Haryana, Pachgaon Manesar, Gurgaon  
Pin - 122413.

विषय : शोध कार्य के संबंध में।

महोदय,

उपर्युक्त विषय के संबंध में निवेदन है कि दिल्ली सरकार की मैथिली-भोजपुरी अकादमी दिल्ली, मैथिली व भोजपुरी भाषा के उत्कृष्ट विषयों पर शोध कार्य की योजना पर कार्य कर रही है। शोध कार्य समिति ने आपको मैथिली भाषाक इतिहास विषय पर शोध कार्य करने की स्वीकृति प्रदान की है। अतः आपसे अनुरोध है कि उक्त विषयक शोध कार्य के लिये अपनी स्वीकृति प्रदान करने का कष्ट करें। ताकि उपर्युक्त शोध मैथिली-भोजपुरी भाषा के आने वाली पीढ़ियों एवं अध्येताओं के लिए सहज उपलब्ध हो सकें।

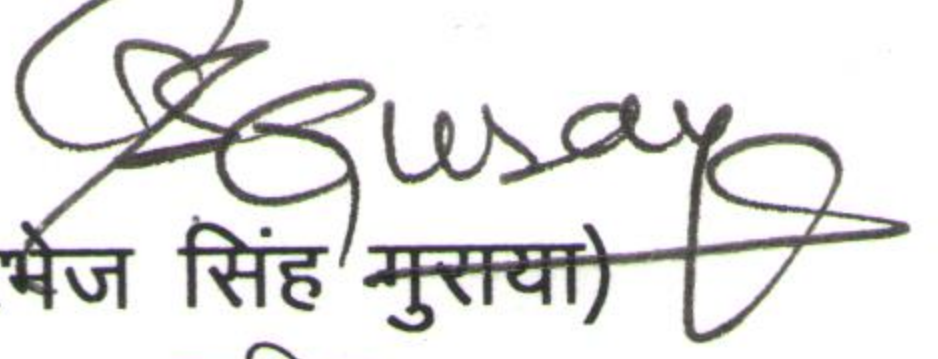
इस संबंध में नियम एवं शर्तें निम्न प्रकार हैं :-

1. प्रकाशन का कॉपी राईट अकादमी का होगा किसी प्रकार की रॉयल्टी नहीं दी जाएगी। अन्य मद में होने वाले खर्च भारत सरकार के साहित्य अकादमी के नियमों के अंतर्गत दिया जाएगा।
2. शोध कार्य के लिये छः माह की समय सीमा निर्धारित है।
3. शोध कार्य के लिये अकादमी 75 हजार रुपये का मानदेय के रूप में भुगतान करेगी। जिसकी प्रथम किस्त 25 हजार कार्य आरम्भ करने पर तथा द्वितीय किस्त 25 हजार व तृतीय किस्त 25 हजार रुपये का भुगतान शोध सामग्री प्राप्त होने पर देय होगा।
4. इस संबंध में आपसे अनुरोध है कि आप हमें अपनी स्वीकृति, पत्र प्राप्त होने के एक सप्ताह के अन्दर प्रदान करने की कृपा करें। ताकि इस कार्य को नियमानुसार किया जा सकें।

अकादमी आपके सहयोग के लिये आभारी रहेगी।

सादर

भवदीय

  
(गुरप्रेत सिंह मुसाका)  
सचिव

**No. BT/PR17260/BID/7/714/2016**  
GOVERNMENT OF INDIA  
MINISTRY OF SCIENCE & TECHNOLOGY  
DEPARTMENT OF BIOTECHNOLOGY

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

Dated: / /

**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: "**Identify disease gene association using Text mining approach**" for a period of 3 Year 0 Month at a total cost of Rs. **2988200** (Rupees Twenty Nine Lakhs Eighty Eight Thousand Two Hundred Only) on the terms and conditions detailed here under:-

**2 The Project :**

**2.1 Title :** "**Identify disease gene association using Text mining approach**"

**2.2 Details of the Investigators:**

**Dr. Alok Srivastava**

Assistant Professor

Amity Institute of Integrative Science and Health

Amity University Haryana

Vill.- Panchgaon, Amity Education Valley

Campus, Manesar, Gurgaon,Haryana, 122413

**Dr. Alok Srivastava**

Assistant Professor

Amity Institute of Integrative Science and Health

Amity University Haryana

Vill.- Panchgaon, Amity Education Valley

Campus, Manesar, Gurgaon,Haryana, 122413

**2.3 Objectives:**

1. Create pool of human genes and its synonymous terms.
2. Compile a list of all available diseases including rare and less studied diseases.
3. Prioritize the disease order for test case study.
4. Develop an algorithm to create gene-disease corpus from PubMed.
5. Write an algorithm to perform the sentiment analysis on the selected corpus, to identify the type of associations.
6. Apply the machine learning algorithm to weight the associations.
7. Create an application for the automatic analysis of the disease gene association.
8. Generate the gene list for selected disease.
9. Create an application for the disease gene information.

**2.4 Time Schedule:**

**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. **2988200/-**(Rupees Twenty Nine Lakhs Eighty Eight Thousand Two Hundred Only) as per details given below :

Budget Head	Year I	Year II	Year III	Total (Rs.)
Equipment	383000.00			<b>383000.00</b>
Manpower	504000.00	504000.00	547200.00	<b>1555200.00</b>
Contingency	50000.00	50000.00	50000.00	<b>150000.00</b>
Overhead	100000.00	100000.00	100000.00	<b>300000.00</b>
Travel	50000.00	50000.00	50000.00	<b>150000.00</b>
Consumables	150000.00	150000.00	150000.00	<b>450000.00</b>
<b>Total (Rs.)</b>	<b>1237000.00</b>	<b>854000.00</b>	<b>897200.00</b>	<b>2988200.00</b>

**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 debitible to:

Demand No. 85	Department of Biotechnology
3425	Other Scientific Research 2016-2017
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Biotechnology Research and Development
3425.60.200.29.18	Human Resource Development, Research Resources and Facilities
3425.60.200.29.18.35	Grants for creation of capital assets

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

Demand No. 85	Department of Biotechnology
3425	Other Scientific Research 2016-2017
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.29	Biotechnology Research and Development
3425.60.200.29.18	Human Resource Development, Research Resources and Facilities
3425.60.200.29.18.31	Grants-in-aid General

**4. Terms & Conditions:**

A. The Non Recurring item must be procured and installed within six month period from the date of sanction.

B. In case the whole or a part of the amount of the Grants for Creation of Capital Assets is being refunded, an interest rate of

ten percent thereon shall be recovered.

C. In case the whole or a part of the amount of the Grants in Aid is being refunded, an interest rate of ten percent thereon shall be recovered.

- 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 Registrar, Amity University Haryana, Gurgaon, Haryana 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.** 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.
- 9.** This issues under the power delegated to this Department and with the concurrence of IFD vide their SAN No.102/IFD/SAN/4457/2016-2017 dated **March, 30 2017**.
- 10.** This sanction order has been noted at serial no. \_\_\_\_\_ in the Register of Grants.

**(Dr. T Madhan Mohan)**  
**Adviser/Scientist 'G'**

**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 Registrar, Amity University Haryana, Amity Education Valley, Manesar, Gurgaon - 122413, Haryana
- 3 Dr. Alok Srivastava, Assistant Professor, Amity Institute of Integrative Science and Health, Amity University Haryana, Vill.- Panchgaon, Amity Education Valley Campus, Manesar, Gurgaon - 122413, Haryana
- 4 Cash Section, DBT (2 copies).
- 5 Sanction Folder.
- 6 File Copy.

**(Dr. T Madhan Mohan)**  
**Adviser/Scientist 'G'**

Details of the Equipment sanctioned for the implementation of the project titled "**Identify disease gene association using Text mining approach**":

<b>Amity University Haryana</b>			
<b>SNo.</b>	<b>Name of Equipment</b>	<b>No.</b>	<b>Cost(Rs.)</b>
1.	Workstation: Dell Power Edge T430 Dual Socket Capable Tower Server	1	205000.00
2.	Printer (HP Colour Laserjet Printer with Network)	1	29800.00
3.	Storage (Seagate Backup Plus 4TB)	1	15200.00
4.	Laptops: Lenovo/Dell 6th Gen Intel core i5, 8Gb RAM, 1TB Hard Disk etc.	2	133000.00
<b>Total</b>			<b>383000.00</b>

**(Dr. T Madhan Mohan)**  
**Adviser/Scientist 'G'**

Details of the manpower sanctioned for the implementation of the project titled "**Identify disease gene association using Text mining approach**":

Head	No. of Position	Year I	Year II	Year III	Total (Rs.)
Junior Research Fellow JRF @ ? 25,000/- + 20 % HRA for the 1st & 2nd yr & 3rd yr SRF @ 28,000/-+30% HRA for 3rd yr	1			0.00	0.00
Junior Research Fellow JRF @ ? 25,000/- + 20 % HRA for the 1st & 2nd yr	1			0.00	0.00
Junior Research Fellow JRF @ ? 25,000/- + 20 % HRA for the 1st & 2nd yr	1	360000.00	360000.00		720000.00
Project Assistant Project Assistant @ ? 12000/- per month	1	144000.00	144000.00	144000.00	432000.00
Senior Research Fellow SRF @ ? 28,000/-+20% HRA for 3rd year	1	0.00	0.00		0.00
Senior Research Fellow SRF @ ? 28,000/-+20% HRA for 3rd year	1			403200.00	403200.00
Senior Research Fellow SRF @ 28,000/-+20% HRA for 3rd yr	1	0.00	0.00		0.00
<b>Total(Rs.)</b>		<b>504000.00</b>	<b>504000.00</b>	<b>547200.00</b>	<b>1555200.00</b>

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. T Madhan Mohan)**  
Adviser/Scientist 'G'

Generated through eProMIS

Page No. [3 / 3]

**Fwd: Your submission titled 'Identifying the role of P53 regulated long non-coding RNAs (LncRNAs) by Crispr/Cas9 in ovarian cancer', Technically Approved FullProposal Result x**

amit pandey <amitp17j@gmail.com>

Fri 06-Mar-20 3:16 PM

To: Amandeep Kaur <akaur1@ggn.amity.edu>

----- Forwarded message -----

From: **Online Extramural Team** <[onlinextramural@gmail.com](mailto:onlinextramural@gmail.com)>

Date: Tue, 23 Apr 2019 at 11:34 AM

Subject: Your submission titled 'Identifying the role of P53 regulated long non-coding RNAs (LncRNAs) by Crispr/Cas9 in ovarian cancer', Technically Approved FullProposal Result x

To: <[amitp17j@gmail.com](mailto:amitp17j@gmail.com)>

Dear DR. AMIT KUMAR PANDEY,

This has reference to your submission id 2018-3061 with title Identifying the role of P53 regulated long non-coding RNAs (LncRNAs) by Crispr/Cas9 in ovarian cancer. Your proposal has been technically approved. The Expert comments are following as:

**The physiological correlation may not be possible & hence can be dropped. Recommended with one JRF; non-recurring grant (for water bath & heal block; electrophoresis unit; CO<sub>2</sub> incubator) of Rs. 12,48,179/-; recurring grant of Rs. 12 lakhs, 8 lakhs & 05 lakhs for 1<sup>st</sup>, 2<sup>nd</sup> & 3<sup>rd</sup> year respectively. Travel grant of Rs. 30,000/- for 2<sup>nd</sup> & 3<sup>rd</sup> year respectively.**

With best regards ,

ICMR Team

--

Assistant professor  
Amity Institute of Biotechnology  
Amity University Haryana,  
Amity Education Valley  
Gurgaon-122413  
India

FILE NO. SRG/2019/000514  
**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: 13-Nov-2019

**ORDER**

Subject: Financial Sanction of the research project titled "**Mitigating the impact of antifungal resistance in the emerging pathogen Candida auris by piggybacking its peptide permease as an antifungal delivery system**" under the guidance of Dr. Atanu Banerjee, Amity Institute of Biotechnology, Amity University, Amity education valley, panchgaon, manesar, distt. gurgaon, Gurgaon, Haryana-122413 - 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. 3232312/- (Rs. Thirty Two Lakh Thirty Two Thousand Three Hundred and Twelve Only)** with break-up of **Rs. 105426/- under Capital (Non-recurring) head** and **Rs. 3126886/- under General (Recurring) head** for a duration of 24 months. The items of expenditure for which the total allocation of **Rs. 3232312/-** has been approved are given below:

S. No	Head	Total (in Rs.)
<b>A</b>	<b>Non-recurring</b>	
1	Equipment -> Laboratory refrigerator -> Pipette set	105426
<b>A'</b>	<b>Total (Non-Recurring)</b>	<b>105426</b>
<b>B</b>	<b>Recurring Items</b>	
1	Recurring - I : (Manpower) Recurring - II : ( Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	863040 1960000 10000
2	Recurring - IV : (Overhead Charges)	293846
<b>B'</b>	<b>Total (Recurring)</b>	<b>3126886</b>
<b>C</b>	<b>Total cost of the project (A' + B')</b>	<b>3232312</b>

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 105426/- (Rupees One Lakh Five Thousand Four Hundred and Twenty Six only)** under 'Grants for creation of capital assets' and **Rs. 1568443/- (Rupees Fifteen Lakh Sixty Eight Thousand Four Hundred and Forty Three only)** under 'Grants-in-aid General' to **REGISTRAR, Amity University, Amity Education Valley, Panchgaon, Manesar, Distt. Gurgaon** being the first installment of the grant for the year 2019-2020 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 Start-up Research Grant. (EC Life Sciences)**

4. The Sanction has been issued to Amity University, Amity Education Valley, Panchgaon, Manesar, Distt. Gurgaon with the approval of the competent authority under delegated powers on **11 November, 2019** and vide Diary No. **SERB/F/6529/2019-2020** dated **12 November, 2019**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website ([www.serb.gov.in](http://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-II, it should be ensured that not more than Rs. 1 lakh each should be spent for travel and contingency.

8. Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activities enlisted under SSR norms and under no circumstances it can be reappropriated.

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

11. The release amount of **Rs. 1673869/- (Rupees Sixteen Lakh Seventy Three Thousand Eight Hundred and Sixty Nine only)** will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank



details given below:

PFMS Unique Code	ASETAUH
Account Name	AMITY UNIVERSITY-HARYANA SERB
Account Number	919010057386618
Bank Name & Branch	AXIS BANK LTD BRANCH: MANESAR (HR), SHOP NO. 34 TO 39 and 64 TO 66, 66A, 66B, 67 TO 69, TOWER J, SECTOR-2 IMT MANESAR, MANESAR 122050
IFSC/RTGS Code	UTIB0000720
Email id of A/C Holder	registrarauh@ggn.amity.edu
Email id of PI	atanuj83@gmail.com

12. The institute will furnish to the SERB, 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.

13. 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.

14. The project File no. SRG/2019/000514 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.


15. 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

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

17. 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.

18. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.


19. 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.

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

To,  
Under Secretary  
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.	<b>Dr. Atanu Banerjee</b> <b>Amity Institute of Biotechnology</b> <b>Amity University , Amity education valley, panchgaon, manesar, distt. gurgaon, Gurgaon, Haryana-122413</b> <b>Email: atanuj83@gmail.com</b> <b>Mobile: 917042986821</b> (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit <a href="http://www.serb.gov.in">www.serb.gov.in</a> .)
5.	<b>REGISTRAR,</b> <b>Amity University, Amity Education Valley, Panchgaon, Manesar, Distt. Gurgaon</b>  (Receipt of Grant may be intimated by name to the undersigned)

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

**ORDER**

Subject: Financial support for the research project entitled "A nanobionic approach for enhancement of plant photosynthesis and growth by augmenting chloroplast mediated photon absorption" by Dr. Sumistha Das, Assistant Professor, Amity University, Haryana, Gurugram-122413- approval & release of 1<sup>st</sup> installment of General grants

Sanction of the President is accorded to the above mentioned project at a total cost of **Rs. 45,50,000/- (Forty five Lakh Fifty Thousand Only)** for a duration of 3 years with the total grant under "General" expenditure head. The detailed break-up of the grant is given below

(Amount in Rupees)

Budget Head	1 <sup>st</sup> year	2 <sup>nd</sup> year	3 <sup>rd</sup> year	Total
Equipment - Refrigerated Centrifuge, Oxygen Electrode System, -20 Degree Freezer and Dark Enclosure with light	11,46,180	NIL	NIL	11,46,180
Manpower-as per DST norms: JRR @ Rs.25,000-25,000-28000/- p.m. +HRA@30% for 3 years	4,46,400	4,46,400	5,04,000	13,96,800
Consumables	5,00,000	5,00,000	5,00,000	15,00,000
National Travel	30,000	30,000	20,000	80,000
Contingencies	50,000	50,000	50,000	1,50,000
Sub-total	<b>11,76,400</b>	<b>10,86,400</b>	<b>11,39,020</b>	<b>34,01,820</b>
Overhead Charges (at 10% of Total above cost excluding contingencies)	1,50,000	60,000	65,020	2,75,020
Total	<b>23,24,580</b>	<b>10,86,400</b>	<b>11,39,020</b>	<b>45,50,000</b>

2. The sanction of the President is also accorded to the release of **Rs. 11,76,400/- (Eleven Lakh Seventy six Thousand Four Hundred Only)** to The Director, Amity University, Haryana, Gurugram-122413, being the first installment of the grant under "Grants-in-aid General" for implementation of above mentioned project.

3. This sanction is subject to the condition that the grantee organization will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the Proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

4. The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

5. Since the grant has been released only under General head through one sanction order the Institute has to furnish SE/UC for the grants released through General head only.

6. The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grants released during F.Y. 2017-18 and onwards, all interests and other earnings, against released Grant shall be remitted to Consolidated Fund of India (through Non Tax Receipt Portal (NTRP), i.e. www.Bharatkosh.gov.in), immediately after finalization of accounts, as it shall not be adjusted towards future release of grant. A certificate to this effect shall have to be submitted along with Statement of Expenditure/ Utilization Certificate for considering subsequent release of grant/ closure of project accounts.

7. The grant-in-aid being released is subject to the condition that

- A transparent procurement procedure in line with the Provisions of General Financial Rules, 2017 will be followed by the Institute/Organization under the appropriate rules of the grantee organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the grantee organization immediately on receipt of the grant.
- While submitting Utilization Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.

8. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.

9. This project does not provide for any payment of honorarium/ remuneration/ fellowship/ scholarship to the

10 The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST) whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.

11 Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project

12 Failure to comply with the terms and conditions of the Order will entail full refund with interest in terms of Rule 231 (2) of GFR 2017

13 The expenditure involved is debited to  
**Demand No.84: Department of Science & Technology for the year 2019-20:**

3425	Other Scientific Research (Major Head)
60	Others
60.200	Assistance to Other Scientific Bodes (Minor Head)
69	Research and Development
69.00.31	Grants-in-aid General for the year 2019-20 (Nano Mission 3425.60.200.36.00.31)

The amount of Rs. 11,76,400/- (Rupees eleven lakh seventy six thousand four hundred only) will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to The Director, Amity University Haryana, Gurugram Pin 122413. The bank details for electronic transfer of funds through RTGS are given below

1	Name of the Account Holder	Amity University, Haryana
2	Name of the Bank	Axis Bank Ltd
3	Bank Account Number	910010023405214
4	IFSC Code	UTIB0000720
5	MICR Code	110211062

16 As per Rule 234 of GFR 2017, this sanction has been entered at S No 24 NMD in the register of grants maintained in the Division for the scheme Nano Mission

17 This issues with the concurrence of IFD Vide their Dy. No. C/1323/IFD 2019-20 dated 27/06/2019

*(Signature)*  
(Namrata Pathak)  
Scientist-F

To,  
The Pay & Accounts Officer, DST

Copy forwarded for information and necessary action to

- 1 Drawing and Disbursing Officer, DST, Cash Section. (Copy with two spare copies)
- 2 Integrated Finance Division, DST
- 3 Dr. Sumistha Das, Assistant Professor, Amity University, Haryana, Gurugram-122413
- 4 Director, Amity University, Haryana, Gurugram-122413
- 5 The Principal Director of Audit, Scientific Departments, 111rd floor, AGCR Building, I.P. Estate, New Delhi- 110 002.
- 6 Sanction Folder
- 7 File Copy

*(Signature)*  
(Namrata Pathak)  
Scientist-F

**SCIENCE & ENGINEERING RESEARCH BOARD(SERB)**

(A statutory body of the Department of Science &amp; 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: 07-Nov-2019

**ORDER**

Subject: Financial Sanction of the research project titled "**Experimental validation of pre-identified candidate genes regulating protein storage in chickpea seeds**" under the guidance of Dr. Kaustav Bandyopadhyay, Amity Institute of Biotechnology, Amity University, Amity education valley, panchgaon, manesar, distt. gurgaon, Gurgaon, Haryana-122413 - 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. 3199735/-** (Rs. Thirty One Lakh Ninety Nine Thousand Seven Hundred and Thirty Five **Only**) with break-up of **Rs. 535810/- under Capital (Non-recurring) head** and **Rs.2663925/- under General (Recurring) head** for a duration of 24 months. The items of expenditure for which the total allocation of **Rs. 3199735/-** has been approved are given below:

S. No	Head	Total (in Rs.)
<b>A</b>	<b>Non-recurring</b>	
1	Equipment -> Double Door Refrigerator 350 Ltr. -> Horizontal gel electrophoresis system and power pack -> Microppipettes -> Refrigerated table top centrifuge	535810
A'	Total (Non-Recurring)	535810
<b>B</b>	<b>Recurring Items</b>	
1	Recurring - I : (Manpower) Recurring - II : ( Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	863040 1500000 10000
2	Recurring - IV : (Overhead Charges)	290885
B'	Total (Recurring)	2663925
<b>C</b>	<b>Total cost of the project (A + B')</b>	<b>3199735</b>

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 535810/-** (Rupees Five Lakh Thirty Five Thousand Eight Hundred and Ten only) under 'Grants for creation of capital assets' and **Rs. 663690/-** (Rupees Six Lakh Sixty Three Thousand Six Hundred and Ninety only) under 'Grants-in-aid General' to **Registrar, Amity University, Amity Education Valley, Panchgaon, Manesar, Distt. Gurgaon** being the first installment of the grant for the year 2019-2020 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 Start-up Research Grant. (EC Life Sciences)**

4. The Sanction has been issued to Amity University, Amity Education Valley, Panchgaon, Manesar, Distt. Gurgaon with the approval of the competent authority under delegated powers on **01 November, 2019** and vide Diary No. **SERB/F/6245/2019-2020** dated **04 November, 2019**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website ([www.serb.gov.in](http://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-II, it should be ensured that not more than Rs. 1 lakh each should be spent for travel and contingency.

8. Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activities enlisted under SSR norms and under no circumstances it can be reappropriated.

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

11. The release amount of Rs. 1199500/- (Rupees Eleven Lakh Ninety Nine Thousand Five Hundred only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

PFMS Unique Code	ASETAUH
Account Name	Amity University Haryana SERB
Account Number	919010057386618
Bank Name & Branch	Axis bank Limited Axis Bank Manesar (HR). Shop No. 34 to 39 and 64 to 66, 66A, 66B, 67 to 69, Tower J, Sector 2 IMT Manesar, Manesar 122050
IFSC/RTGS Code	UTIB0000720
Email id of A/C Holder	registrarah@ggn.amity.edu
Email id of PI	kaustav_01@yahoo.co.in

12. The institute will furnish to the SERB, 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.

13. 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.

14. The project File no. SRG/2019/000596 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

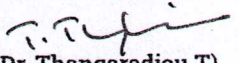
15. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

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

17. 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.

18. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

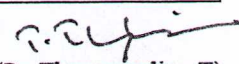
19. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board.

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

To,  
Under Secretary  
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. Kaustav Bandyopadhyay Amity Institute of Biotechnology Amity University, Amity education valley, panchgaon, manesar, distt. gurgaon, Gurgaon, Haryana-122413 Email: kaustav_01@yahoo.co.in Mobile: 917044339656 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit <a href="http://www.serb.gov.in">www.serb.gov.in</a> .)
5.	Registrar, Amity University, Amity Education Valley, Panchgaon, Manesar, Distt. Gurgaon (Receipt of Grant may be intimated by name to the undersigned)

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

FILE NO. CRG/2019/002683  
**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-Feb-2020

**ORDER**

Subject: Financial Sanction of the research project titled "**Developing small molecule inhibitors to target non-genomic androgen signaling and elucidating the role of GPR56 in Prostate Cancer**" under the guidance of Dr. Gargi Bagchi, Amity Institute of Biotechnology, Amity University, Amity education valley, panchgaon, manesar, distt. gurgaon, Gurgaon, Haryana-122413 and by Dr. Ravi Datta Sharma, Assistant Professor, Amity Institute Of Biotechnology, Amity University and by Dr. Md. Imtaiyaz Hassan, Assistant Professor, Centre For Interdisciplinary Research In Basic Sciences, Jamia Millia Islamia - 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. 4637570/- (Rs. Forty Six Lakh Thirty Seven Thousand Five Hundred and Seventy Only)** with break-up of **Rs. 849450/- under Capital (Non-recurring) head** and **Rs. 3788120/- under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 4637570/-** has been approved are given below:

S. No	Head	Total (in Rs.)
<b>A</b>	<b>Non-recurring</b>	
1	Equipment -> Real-Time PCR machine	849450
A'	Total (Non-Recurring)	<b>849450</b>
<b>B</b>	<b>Recurring Items</b>	
1	Recurring - I : (Manpower) Recurring - II : ( Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	1257120 2100000 10000
2	Recurring - IV : (Overhead Charges)	421000
B'	Total (Recurring)	<b>3788120</b>
<b>C</b>	<b>Total cost of the project (A' + B')</b>	<b>4637570</b>

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 849450/-** (Rupees Eight Lakh Forty Nine Thousand Four Hundred and Fifty only) under 'Grants for creation of capital assets' and **Rs. 1269373/-** (Rupees Twelve Lakh Sixty Nine Thousand Three Hundred and Seventy Three only) under 'Grants-in-aid General' to **Registrar, Amity University Haryana, Amity University, Amity Education Valley, Panchgaon, Manesar, Distt. Gurgaon** being the first installment of the grant for the year 2019-2020 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 Core Research Grant. (Biomedical and Health Sciences)**

4. The Sanction has been issued to Amity University, Amity Education Valley, Panchgaon, Manesar, Distt. Gurgaon with the approval of the competent authority under delegated powers on **17 February, 2020** and vide Diary No. **SERB/F/10376/2019-2020** dated **18 February, 2020**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website ([www.serb.gov.in](http://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-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

8. Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activities enlisted under SSR norms and under no circumstances it can be reappropriated.

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

11. The release amount of **Rs. 2118823/-** (Rupees Twenty One Lakh Eighteen Thousand Eight Hundred and Twenty Three only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

PFMS Unique Code	ASETAUH
Account Name	AMITY UNIVERSITY -HARYANA SERB
Account Number	919010057386618
Bank Name & Branch	Axis Bank Ltd Manesar HR Shop no 34 to 39 and 64 to 66 66A 66B 67 to 69 Tower J, Sector 2 IMT Manesar 122050
IFSC/RTGS Code	UTIB0000720
Email id of A/C Holder	registrarah@ggn.amity.edu
Email id of PI	gbagchi@ggn.amity.edu

12. The institute will furnish to the SERB, 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.

13. 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.

14. The project File no. CRG/2019/002683 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

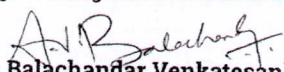
15. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any, beyond the duration of the project

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

17. 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.

18. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

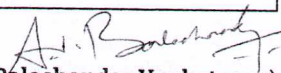
19. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board.

  
(Dr. Balachandar Venkatesan)  
Scientist E  
ms\_hs@serbonline.in

To,  
Under Secretary  
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><b>Dr. Gargi Bagchi</b> Amity Institute of Biotechnology Amity University, Amity education valley, panchgaon, manesar, distt. gurgaon, Gurgaon, Haryana-122413 Email: gbagchi@ggn.amity.edu Mobile: 919560508889</p> <p><b>Dr. Ravi Datta Sharma</b> Amity Institute Of Biotechnology Amity University</p> <p><b>Dr. Md. Imtaiyaz Hassan</b> Centre For Interdisciplinary Research In Basic Sciences Jamia Millia Islamia (Start date of the project may be intimated by name to the undersigned. For guidance, terms &amp; Conditions etc. Please visit <a href="http://www.serb.gov.in">www.serb.gov.in</a>.)</p>
5.	<p><b>Registrar, Amity University Haryana,</b> <b>Amity University, Amity Education Valley, Panchgaon, Manesar, Distt. Gurgaon</b></p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p>

  
(Dr. Balachandar Venkatesan)  
Scientist E  
ms\_hs@serbonline.in