

## Table of Contents

S.No.	Content	Concerned Teacher	Amount
1.	Sanction letter for upgradation of existing HPTLC system	Prof. M.M. Srivastava	Rs. 3,50,000/-
2.	Sanction letter of ISRO-GBP ATCTM project 2018-19	Prof. K. Maharaj Kumari	Rs. 59,20,000/-
3.	Sanction letter of IGBP-ARFI project 2018-19	Dr. Ranjit Kumar	Rs. 10,00,000/-
4.	Acceptance letter of project under HFC-2018	Prof. Rohit Srivastav	Rs. 60,00,000/-
5.	Governing body and financial clearance letter for purchase of equipment, field testing, glass wares and chemicals under UGC Plan	Dr. Sudhir Kumar Verma	Rs. 8,00,000/-
6.	Sanction letter of ISRO-GBP ATCTM project 2017-18	Prof. K. Maharaj Kumari	Rs. 28,31,000/-
7.	Sanction letter of project untitled "Generation of Reactive Oxygen Species in Size fractionated Ambient Particulate Matter" by SERB	Dr. Anita Lakhani	Rs. 30,06,200/-
8.	Sanction letter of project entitled "Studies on Novel Semiconductors towards increasing the efficiency of PEC Water Splitting for Hydrogen Generation" by Ministry of New and Renewable Energy	Prof. Sahab Das	Rs. 1,41,97,000/-
9.	Sanction letter for financial assistance to Department of Chemistry under FIST program	Head, Department of Chemistry	Rs. 1,27,00,000/-
10.	Sanction letter for continuing project entitled "Gas-Particle portioning of Polyaromatic Hydrocarbons (PAHs) and Nitro-PAHs at a Rural and Traffic Site in Agra" 2017-18	Dr. Anita Lakhani	Rs. 6,00,000/-
11.	Governing body of MHRD Virtual Chemistry Lab	Prof. M.M. Srivastava	Rs. 11,84,000/-
12.	Sanction letter of project entitled "Chemical characterization and source apportionment of ambient submicron particles"	Prof. K. Maharaj Kumari	Rs. 29,18,200/-
13.	Governing body of the Science and Engineering Research Board, DST	Prof. K. Maharaj Kumari	Rs. 14,90,000/-
14.	Sanction letter for the grant release of IGBP-ARFI project 2017-18	Prof. K. Maharaj Kumari	Rs. 10,00,000/-
15.	Sanction letter for financial support of ISRO-GBP project 2017-18	Prof. K. Maharaj Kumari	Rs. 16,00,000/-
16.	Sanction letter of financial approval of project entitled "Chemical characterization of PM <sub>2.5</sub> at rural site of Agra"	Dr. Aparna Satsangi	Rs. 29,00,000/-

	ISRO-GBP project 2016-2017		
18.	Sanction letter for IGBP-ARFI project 2016-17	Dr. Ranjit Kumar	Rs. 10,00,000/-
19.	Sanction letter for IGBP-ARFI project 2015-16	Dr. Ranjit Kumar	Rs. 10,00,000/-
20.	Sanction letter for project entitled "Semiconductor chip/chiplet bases novel approaches for efficient Solar-Water Splitting: A. Photoelectrochemical Hydrogen Generation : B. Photocatalytic Hydrogen Generation" 2015-16	Prof. Sahab Dass	1,16,86,000/-
21.	Sanction letter for ISRO-GBP project 2015-16	Prof. K. Maharaj Kumari	Rs. 9,50,000/-
22.	Extension letter for ISRO-GBP project 2014-15	Prof. K. Maharaj Kumari	
23.	Sanction letter for ARFI project 2014-15	Dr. Ranjit Kumar	Rs. 6,00,000/-
24.	Sanction letter for continuing project entitled "Gas-Particle portioning of Polyaromatic Hydrocarbons (PAHs) and Nitro-PAHs at a Rural and Traffic Site in Agra" 2014-15	Dr. Anita Lakhani	Rs. 38,50,000/-
25.	Sanction letter for ARFI project 2013-14	Dr. Ranjit Kumar	Rs. 25,00,000/-
26.	Sanction letter for project entitled "Synthesis and Characterization of Novel Metal Oxides for Solar Hydrogen Generation via Photoelectrochemical/ Photocatalytic splitting of Water	Prof. Rohit Shrivastav	Rs. 11,00,000/-
27.	Sanction letter for ISRO-GBP project 2013-14	Prof. K. Maharaj Kumari	Rs. 25,85,000/-
28.	Sanction letter for project entitled "Experimental & first-principles theoretical studies of metal oxide nanostructures for photoelectrochemical splitting of water" 2012-13	Prof. Sahab Dass	Rs. 52,00,000/-
29.	Sanction letter for project entitled "Generation, Storage and distribution of Solar Hydrogen 2012-13	Prof. K. Maharaj Kumari	Rs. 1,09,14,400/-

Excess am

Date: 22.04.2019

To  
The Director  
Dayalbagh Educational Institute  
Dayalbagh, Agra

23/4/19

Sir

This refers to the Software Installation Service Charges of CAMAG winCATS updates 1.4.10 of our existing HPTLC system in the Department of Chemistry, an FC of Rs. 3.00 lac and its confirmation from GB of the Institute were obtained (enclosed).

The servicing of the above-mentioned software along with Taxes reached to 3.5 lac. As per guideline of GB approval, minor variation in the cost of individual item upto 20% of the total allocation may be made with the approval of Director, it is requested that permission may kindly be given for the payment of Rs 3.5 lac.

However, at the time of installation existing PC was not found compatible with the new software system therefore a new PC was required for which a separate FC and GB approval of Rs. 50,000 was obtained.

F. C. Attached

Submitted for approval

M. M. Srivastava

Prof. M. M. Srivastava  
Department of Chemistry

581  
23/4/19

Encl:

1. FC of Rs. 3.00 lac
2. GB approval

Approval for 20% excess amount is within the power of Director. May be approved

ATC  
23/4/19

DAYALBAGH EDUCATIONAL INSTITUTE  
DAYALBAGH, AGRA

No. DEI/GBMF(10112018)/ 1776

19 NOV 2018

✓ Prof. M.M. Srivastava  
Department of Chemistry  
Faculty of Science  
D.E.I.

A copy of Resolution No. 31(v) dated 10.11.2018 of the Governing Body is reproduced below for information and necessary action:-

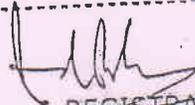
31. Considered the following purchase proposals-

(v) the request of Prof. M.M. Srivastava, Department of Chemistry, Faculty of Science seeking approval to purchase the following items out of UGC Plan (Capital Assets) Grants-

S. N.	Items	Specification	Unit	Total (Rs.) exclusive of GST tax
1	HPTLC CMMAG	Upgradation and repairing using three components mentioned below		
		Compartment Illumination Tube	1	4,324.00
		Scanner 3/4	1	1,17,500.00
		Deuterium lamp for TLC Scanner 3/4	1	94,000.00
		Mercury vapour lamp for TLC Scanner 3/4	1	46,000.00
		Sonicator, 50 KHz, capacity 3 liter and miner accessories	1	
Total				3,00,000.00

It is noted that the proposal has the financial clearance dated 3.11.2018 from the Treasurer.

Resolved that the proposal as above be and is hereby approved with the proviso that minor variation in the cost of individual items upto 20% within the total allocation may be made with the approval of the Director.

  
REGISTRAR

Copy to:

- (1) The Treasurer
- (2) The Head, Department of Chemistry, Faculty of Science
- (3) Meeting file

To  
The Director  
Dayalbagh Educational Institute

13/2/19

Date: 12-02-2019

Sir

In the up-gradation of existing HPTLC system, one PC system (Window/10, HDD-1TB, CD ROM, 35 Serial port with IEEE express card) is essentially required for which it is requested to kindly sanctioned rupees 50,000.

Thanking you and with regards

Prof. M.M. Srivastava

M. Srivastava

Treasurer  
DEI

Siswadi P.

633  
13/2/19

**DAYABAGH EDUCATIONAL INSTITUTE  
DAYALBAGH, AGRA**

Date: 15.02.2019

The under mentioned purchase proposal is being submitted in duplicate for administrative approval, of Director/Governing Body, Financial clearance and nomination of expert nominees. The expenditure would be booked under UGC plan Grant/ Head of Account where balance of

Rs \_\_\_\_\_ is Available.  
*overcertified by Rs. 725.50 Lac*

SrNo	Items	Specification	No of unit	Rate per unit	TOTAL	Existing number
1.	1 Pc System	PC System (Window/10, HDD-1tb, CD ROM, 3 Serial port with IEEE express card)	1	50,000	Rs : 50,000	Nil

*For upgradation existing HPTL Sys*

*M. Srivastava*  
PI/ Proposer : Prof. M.M. Srivastava

*Sahab Dass*  
Head, Dept.: Prof. Sahab Dass

*G.S. Taygi*  
Dean, Faculty : Prof G.S. Taygi

(For the use at the Treasurer's Office)

Acct. Dept.  
No. 250  
Dt. 16-2-19

Date: 15.02.2019

The above proposal has our financial clearance and VALID for 6 Months From the date of issue OR till the end of utilization period of relevant grant whichever is earlier.

Nominee of Treasurer, if any *ARSH*

Funds are available

Noted in AR-No. *125/UGC-Capital Assets/2018-19*

*for Rs. 80,000/* ACCOUNTANT

*G.S. Taygi*  
TREASURER  
(For Directors Approval)

Directors remark

*697  
18/2/19*

*B*  
DIRECTOR  
*18/2/19*

(b) out of UGC Plan (Capital Assets) Grants:-

S.N.	Particulars	Unit	Rate (Rs.)	Total (Rs.)
1	Field pH meter	1	2,000.00	2,000.00
2	lux meter	1	4,000.00	4,000.00
3	Physical Balance	1	3,450.00	3,450.00
4	Iron pack	1	5,000.00	5,000.00
			Total	14,450.00

The proposal has the financial clearance dated 27.2.2019 from the Treasurer.

(XXVI) Prof. M.M. Srivastava, Department of Chemistry, Faculty of Science seeking approval to purchase the following items:-

(a) out of UGC Plan (Capital Assets) Grant:-

Item	No.	Rate (Rs.)	Total (Rs.)
I PC System	01	50,000	50,000
PC System (Window/10 HDD-1tb, CD ROM, 3 Serial Port with IEEE express card)			

It is noted that the proposal has the financial clearance dated 15.2.2019 from the Treasurer.

(b) one Xerox Machine at a total cost of Rs.1,70,000.00 out of UGC Plan (Capital Assets) Grants. The proposal has the financial clearance dated 27.2.2019 from the Treasurer.

(XXVII) Prof. Soami Piara Satsangee, Department of Chemistry seeking approval to purchase the following items

(a) out UGC Plan (Capital Assets) Grant:-

Particulars	Unit	Rate (Rs.)	Total (Rs.)
Virtual Classroom (Outdoor & Indoor) Setup (Camera, Rack Server POE Switch, IR Maxphone Receiver and sender, Automated Recording System)	2	3,00,000.00	6,00,000.00

It is noted that the proposal has the financial clearance dated 26.2.2019 from the Treasurer.

(b) following expenditure out of UGC Revenue Grants:-

S.N.	Particulars	Total (Rs.)
1	Shifting Charges	10,000.00
2	Electrical Installation etc.	35,000.00
	Total	45,000.00

The proposal has the financial clearance dated 4.3.2019 from the Treasurer.

भौतिक अनुसंधान प्रयोगशाला  
(भारत सरकार, अंतरिक्ष विभाग की यूनिट)  
नवरंगपुरा, अहमदाबाद - 380 009, भारत



**Physical Research Laboratory**  
(A Unit of Dept. of Space, Govt. of India)  
Navrangpura, Ahmedabad-380 009, India

January 23, 2019

S. Ramachandran  
Project Director, ISRO - GBP: AT - CTM

Dr. K. Maharaj Kumari  
Reader, Department of Chemistry  
Dayalbagh Educational Institute (DEI)  
Dayalbagh, Agra,  
Uttar Pradesh - 282 005

Ref : Financial support for ISRO-GBP Environmental Observatories Project

Dear Dr. Maharaj Kumari,

Wishes for a HAPPY and a PROSPEROUS new year.

I am happy to inform you that as per your budget requirement, Rs. 59.20 lakh has been approved for the year 2018 - 19. The bifurcation is given below:

Budget : ISRO - GBP / AT - CTM for FY 2018 -19 (Rs. in lakhs)		
1	Equipments	40.00
2	Supplies & Materials : Consumables, gases, calib. Mixtures, AMC/CMC, etc.	11.00
	Overhead (20%)	3.20
3	Salary (Scholarships & Stipends)	4.00
4	Domestic Travel	1.00
5	Office Expenses	0.00
6	Other charges (contingency, etc.)	0.00
	<b>Total</b>	<b>59.20</b>

Cheque (no. 147931 dated 23-Jan-19 - in the name of concerned authority mentioned below) for the partial amount is enclosed with this letter. The cheque for remaining amount will be sent shortly.

Please note that the future budget will depend upon the progress of the project, availability of fund and your submission of audited statement of account at the end of financial year and a certified Utilization Certificate in respect of the money spent.

In addition, you have to submit data, results and progress report as and when required. Please mention that "the financial support for this work is provided by ISRO - GBP under AT - CTM project" in all your publications and reports coming out of this work.

Please also note that no student will be supported beyond 5 years.

With warm regards,

Yours sincerely,

  
(S. Ramachandran)

Project Director, ISRO - GBP: ATCTM

Copy to: The Registrar, DEI, Agra - This is in connection with ISRO - GBP Env. Observatories Project.

CAO/R/143  
29/1/19

ब.No.DS\_2B-13015/1/2019  
भारतसरकार/GOVERNMENT OF INDIA  
अंतरिक्षविभाग/DEPARTMENT OF SPACE  
\*\*\*

Antariksh Bhavan  
New BEL Road  
Bengaluru - 560 094

January 21, 2019

Registrar,  
Dayalbagh Educational Institute (Deemed University),  
Dayalbagh,  
Agra - 282 005,  
Uttar Pradesh.

Sir,

Sub: Grant-in-aid - IGBP- ARFI - Release of grant for national networks on aerosol and boundary layer observatories set up by SPL under ARFI- reg.  
\*\*\*

I am directed to convey the sanction of the President to a grant ₹10,00,000/- (Rupees Ten lakh only) towards meeting the working expenditure for carrying out Aerosol Radiative Forcing over India (ARFI) project under ISRO Geosphere Biosphere Programme (IGBP) during the year 2018-19 by Dayalbhag Educational Institute, Agra.

2. The amount of ₹10,00,000/- (Rupees Ten lakh only) will be paid to you by the Pay & Accounts Officer, Department of Space, Antariksh Bhavan, New BEL Road, Bengaluru-560 094 on receipt of the bill.
3. The grant-in-aid sanctioned shall be subject to the terms and conditions mentioned in the Annexure enclosed.
4. A separate account for the grant-in-aid sanctioned will have to be maintained which are subject to the scrutiny by the Indian Audit and Accounts Department who will also have the right of access to the Book of Accounts.
5. Accounts of expenses incurred out of grant should be prepared, maintained and authenticated by approved auditors. The final accounts statement in duplicate duly audited should be sent to the Pay & Accounts Officer, Department of Space, Bengaluru-560 094 at the end of each financial year of support.

— Treasurer  
— Dr. Ranjit Kumar  
Supt of Chem.

...2/-

6. The expenditure involved is debitable to the Head "3402.00.103.19.00.31- Space Research- Space Sciences-Climate & Atmospheric Programme - GIA-General" under 'Grant No.91 - Department of Space' for the financial year 2018-19.

Yours faithfully,

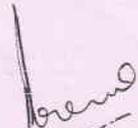


(पूर्णमामनोज/Poornima Manoj)

(वरिष्ठलेखाअधिकारी/Sr.Accounts Officer)

Copy for information and necessary action to:

1. The Scientific Secretary, ISRO, Bengaluru
2. The Director, EDPO, ISRO Hq., Bengaluru (Ref: IGBP 18.08.03/2019 dtd 02.01.2019)
3. Director, Space Physical Laboratory, VSSC, Thiruvananthapuram.
4. The Director General of Audit, Scientific Departments, DGACR Building, IP Estate, New Delhi
5. The Director of Audit, O/o the Director General of Audit, Scientific Departments, Antariksh Bhavan, New BEL Road, Bengaluru - 560 094
6. The Chief Controller of Accounts, DOS, Bengaluru
7. Senior Accounts Officer, ISRO Hq., Bengaluru
8. The Pay & Accounts Officer, Department of Space, Bengaluru-With a request to make the payment of ₹10,00,000/- (Rupees Ten lakh only) in favour of "The Registrar, Dayalbhag Educational Institute (Deemed University), Agra" on receipt of the bill.
9. The Senior Head (Internal Audit), DOS, Bengaluru.
10. Accounts Officer, Special Projects, ISRO Hq.
11. Shri. K R Manjunath, Associate Director, EDPO, ISRO Hq.
12. Dr. Ranjith Kumar, Department of Chemistry, Faculty of Science, Dayalbhag Educational Institute (Deemed University), Dayalbhag, Agra - 282 005, Uttar Pradesh.



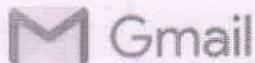
(पूर्णमामनोज/Poornima Manoj)

(वरिष्ठलेखाअधिकारी/Sr.Accounts Officer)

Government of India  
Department of Space

Terms and Condition of ISRO Research Grants

1. The approved funds should be utilized solely for the purpose for which they have been granted unless ISRO agrees otherwise. A Certification that the funds have been so used should be produced by the grantee Institution after the end of each of the support.
2. Due acknowledgement to ISRO should be made in all reports and publications arising out of the part of the work supported by ISRO. The grantee will take prior permission of ISRO before publishing any work based on the ISRO support project.
3. Two copies of all the publications resulting from the research conducted with the aid of the grant should be submitted to ISRO.
4. No Investigator receiving a grant from ISRO may make commercial use of the results of his work by patent or otherwise ISRO reserves the exclusive right to determine whether any patent shall be taken out and what commercial use, if any, shall be made of any result of the investigations. The patents shall be in the name of ISRO and ISRO shall retain exclusive rights to commercially exploit them. The shares, if any, of the royalty to the Investigator, the parent institution and ISRO, will be determined by ISRO.
5. The principal Investigator is required to submit two copies of yearly reports indicating the progress of the work accomplished. He is also required to submit two copies of a detailed technical report on the results of the research/development after the completion of the project. The reports will become the property of ISRO.
6. In addition, ISRO may designate Scientists/specialists to visit the Institution periodically, for reviewing the progress of the work.
7. An inventory of items purchased from ISRO funds should be sent to ISRO, giving the description of equipment, cost in rupees, date of purchase and name of the supplier along with a purchase certificate from the Administration of the Institution. All items of equipments and unconsumable items costing more than Rs.5,000/- shall remain the property of ISRO and ISRO reserves the right to transfer them +dispose of them on the termination of the project as ISRO may deem fit.
8. The accounts of the expenses incurred out of ISRO funds should be properly maintained and should be authenticated by an approved auditor. The final accounts statement in duplicate duly audit should be sent to the pay & Accounts Officer, DOS/Senior Accounts Officer, ISRO Headquarters, as the case may be, at the end of each financial year of support.
9. If the total amount sanctioned is not spent during the period of support, the remainder amount should be surrendered to the pay & Accounts Officer, ISRO Headquarters, as the case may be, within one month after the completion of the project.
10. The assets acquired wholly or substantially out of the ISRO grant should not, without its prior sanction, be disposed off, encumbered or utilized for purposes other than that for which the grant is sanctioned.
11. A register of assets permanent and semi-permanent should be maintained by the grantee Institution, which should be available for scrutiny by Audit.
12. The grantee institution should not divert the grants-in-aid for utilization of the same for similar objects of another institution or if it is not in a position to execute or complete the assignment. The entire amount of the grant should then be immediately refunded to ISRO by the institution.
13. The terms and condition of ISRO research grants are subject to change from time to time, but the funding of any project will be governed by the terms and conditions existing on the date of starting



Puneet Kumar &lt;puneetscorpion.kumar@gmail.com&gt;

**Fw: Final decision on your proposal DST/TMD/HFC/2k18/16 (Stream A)**

1 message

rohit shrivastav <rohitshrivastav\_dei@yahoo.co.in>  
To: Puneet Kumar <puneetscorpion.kumar@gmail.com>

Wed, Jul 24, 2019 at 12:09 PM

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

**From:** Dr. Ranjith Krishna Pai <ranjith.krishnapai@gov.in>  
**To:** "rohitshrivastav\_dei@yahoo.co.in" <rohitshrivastav\_dei@yahoo.co.in>  
**Cc:** "drsahabdas@gmail.com" <drsahabdas@gmail.com>; "vibhasatsangi@gmail.com" <vibhasatsangi@gmail.com>; "mrinalr@barc.gov.in" <mrinalr@barc.gov.in>; "mrinalpai9@gmail.com" <mrinalpai9@gmail.com>; "atinmb@barc.gov.in" <atinmb@barc.gov.in>; "atinmb@gmail.com" <atinmb@gmail.com>  
**Sent:** Tuesday, 22 January 2019, 11:44:22 AM IST  
**Subject:** Final decision on your proposal DST/TMD/HFC/2k18/16 (Stream A)

Dear Dr. Rohit Shrivastav,

Ref No. DST/TMD/HFC/2k18/16

Thanks for presenting your proposal referred above on 04-05th December 2018 in TERI University, New Delhi. We are glad to inform that your above referred proposal that was submitted and presented under the HFC 2018 under Oriented Research & Technology Development Proposals on "Hydrogen and Fuel Cell" (HFC) - 2018 has been recommended by the expert committee and it will now be processed for administrative approval and financial concurrence.

The recommendation of the Committee is as below:

**Recommended with following resources:****Manpower: 1 JRF****Consumables: Rs. 9 lakh****Permanent Equipment: Spray pyrolysis set up with a ceiling of Rs. 8 lakh****Overall project cost of Rs. 60 lakh**

Please get back to us with the re-written proposal (1 Hard copy + Soft copy (**word format and PDF format less than 20 Mb** by E-mail) incorporating above technical and financial recommendation with the following:

1. Technical Specification of the product / material.
2. Success criteria against which outcome of the project needs to be evaluated.
3. Quarterly milestone for delivery.
4. Basis of cost estimates for other costs and consumables.
5. Other costs may be bifurcated into capital and recurring component.
6. DST's quarterly review meeting expenses must be borne from the project.

8. Hard copies of the quotation for the permanent equipment.

8. Hard copies of the quotation for the Consumables/Other cost > Rs. 50,000 cost.

9. Please find the attached format regarding the preparation of document on Technologies/Products/Services to be developed with the support of DST Programme.

10. Bank Details: (To be provided as required in the format)

a. Name of the Account Holder as per Bank

b. Name of the Bank

c. Name of the Branch and address

d. IFSC code

e. Account number

Please get back to us with the proposal with all enclosures complete in all respects at the earliest (**latest by 30th January 2019**) to enable expedition processing of the proposal.

Regards,

Ranjith

\*\*\*\*\*

Dr. Ranjith Krishna Pai  
Room No: 01, S&T Block-III  
Scientist 'D' / Principal Scientific Officer / Deputy Secretary  
Technology Mission Division  
Department of Science and Technology (DST)  
Ministry of Science and Technology, Government of India  
Technology Bhavan, New Mehrauli Road  
New Delhi -110016  
Telephone : 011-26590475 / 011-26524470 (Direct)  
E-mail : ranjith.krishnapai@gov.in  
<https://www.linkedin.com/in/ranjithkrishnapai>



**Format-TDT.docx**

17K

742  
11/18

DAYALBAGH EDUCATIONAL INSTITUTE  
DAYALBAGH, AGRA

No.DEI/GBMF(10112018)/ 1774

✓ Dr. Sudhir Kumar Verma  
Faculty of Science  
D.E.I.

A copy of Resolution No. 31(xi) dated 10.11.2018 of the Governing Body is reproduced below for information and necessary action:-

31. Considered the following purchase proposals-

(xi) the request of Dr. Sudhir Kumar Verma, Faculty of Science seeking approval to purchase the following items out of UGC Plan (Capital Assets) Grants:-

S.N.	Particulars	Unit	Rate	Total (Rs.)
1	Equipment a) Ultrasonic processor b) Hettich MIKRO 200/200R centrifuge c) Shaker with constant rpm d) Electrodes	1 each	5,70,000.00	5,70,000.00
2	Field Testing	--	30,000.00	30,000.00
3	Chemicals and Glassware	--	2,00,000.00	2,00,000.00
			Total	8,00,000.00

It is noted that the proposal has the financial clearance dated 6.11.2018 from the Treasurer.

Resolved that the proposal as above be and is hereby approved with the proviso that minor variation in the cost of individual items upto 20% within the total allocation may be made with the approval of the Director.

  
REGISTRAR

Copy to:

- (1) The Treasurer
- (2) Meeting file
- (3) The Dean, Faculty of Science

**DAYALBAGH EDUCATIONAL INSTITUTE**  
**DAYALBAGH, AGRA**

Nominee  
Sudhir

Dated:09/10/18

The under-mentioned purchase proposal is submitted in duplicate for administrative approval of Director/Governing Body, financial clearance and nomination of expert/nominees.

The expenditure would be booked under UGC Ph. Grant/Head of Account where a balance of Rs. ~~70.40 Lakh~~ is available.

Sr. No.	Particulars	No. Unit	Rate per unit	Total	Existing number and Justification/Remark	Requirement of Electricity per month (in k.w.)
<b>A Non-Recurring</b>						
1.	Equipment	leach	5,70,000/- (Five lakh seventy thousand)	<b>8,00,000/- (Eight lakhs)</b>	Adsorption studies need Ultrasonic Processor and Centrifuge	Still to Acquire
	a. Ultrasonic Processor					
	b. Hettich MIKRO 200/200R centrifuge					
	c. Shaker with constant rpm					
	d. Electrodes					
2.	Field Testing	NA	30,000/- (Thirty thousand)		Plant visit for comparison	NA
<b>B - Recurring</b>						
3.	Chemicals and Glassware	NA	2,00,000/- (Two lakhs)		Standards Calibration	NA

777  
3/12/18

NO. 512  
12/11/18

PI/Proposer Sudhir Kumar Verma Coordinator/Co-coordinator/Incharges of Research Divisions  
**Dr. Sudhir Kumar Verma** **Dr Sona Dixit** (Prof. G.S. Tyagi) (Dr. S.K. Verma)

(For use at the Treasurer's Office)

No. TR/-----

Dated:

The above proposal has our financial clearance and is VALID for 6 months from the date of issue OR till the end of utilization period of relevant grant whichever is earlier. by 31/3/2019.  
 Nominee of the Treasurer, if any: AR(A)

Funds are available <sup>(a)</sup> Noted in AR. No. 81/Plan/Capital Assets/Equip/2018/19/for

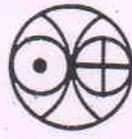
Rs. 8.00 Lakh. ACCOUNTANT [Signature]

TREASURER

8 (b) / Plan / Rev. 31 / Lab 2 Consumable / Rs. 2.00 Lakh (For Director's Approval)

Director's Remarks:  
 Name of Director's Nominee, if any: Anil K. Khatun  
 Name of Expert: C. Mahalingam

DIRECTOR [Signature]



January 5, 2018

S. Ramachandran  
Project Director, ISRO - GBP: AT - CTM

Dr. K. Maharaj Kumari  
Reader, Department of Chemistry  
Dayalbagh Educational Institute (DEI)  
Dayalbagh, Agra,  
Uttar Pradesh - 282 005

Ref : Financial support for ISRO-GBP Environmental Observatories Project

Dear Dr. Maharaj Kumari,

Wishes for a HAPPY and a PROSPEROUS new year.

I am happy to inform you that as per your budget requirement, Rs. 28.31 lakh has been approved for the year 2017 - 18. The bifurcation is given below:

Budget : ISRO - GBP / AT - CTM for FY 2017 -18 (Rs. in lakhs)		
1	Equipments	0.00
2	Supplies & Materials : Consumables, gases, calib. Mixtures, AMC/CMC, etc.	14.00
	Overhead (20%)	4.72
3	Salary (Scholarships & Stipends)	6.84
4	Domestic Travel	0.50
5	Office Expenses	0.25
6	Other charges (contingency, etc.)	2.00
	Total	28.31

Cheque (no. 147918 dated 29-Dec-17 - in the name of concerned authority mentioned below) for the above amount is enclosed with this letter.

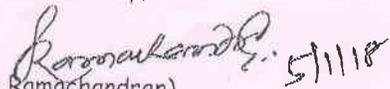
Please note that the future budget will depend upon the progress of the project, availability of fund and your submission of audited statement of account at the end of financial year and a certified Utilization Certificate in respect of the money spent.

In addition, you have to submit data, results and progress report as and when required. Please mention that "the financial support for this work is provided by ISRO - GBP under AT - CTM project" in all your publications and reports coming out of this work.

Please also note that no student will be supported beyond 5 years.

With warm regards,

Yours sincerely,

  
(S. Ramachandran)  
Project Director, ISRO - GBP: ATCTM

Copy to: The Registrar, DEI, Agra - This is in connection with ISRO - GBP Env. Observatories Project.

FILE NO. EMR/2017/002648

**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-Oct-2018

**ORDER**

Subject: Financial Sanction of the research project titled "**Generation of Reactive Oxygen Species in Size fractionated Ambient Particulate Matter: Association with Metals, Polyaromatic Hydrocarbons and Meteorology**" under the guidance of Dr. Anita Lakhani, Chemistry, Dayalbagh Educational Institute, Dayal bagh rd, dayal bagh, Agra, Uttar pradesh-282005 and by Prof. Kandikonda Maharaj Kumari, Professor, Chemistry, Dayalbagh Educational Institute - 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. 3006200/- (Rs. Thirty Lakh Six Thousand Two Hundred Only) with break-up of Rs. 800000/- under Capital (Non-recurring) head and Rs. 2206200/- under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 3006200/- has been approved are given below:

The following budget may be considered for Dayalbagh Educational Institute, Dayal Bagh Rd, Dayal Bagh

S. No	Head	Total (in Rs.)
<b>A</b>	<b>Non-recurring</b>	
1	Equipment -> Fluorescence Spectrophotometer	800000
<b>A'</b>	<b>Total (Non-Recurring)</b>	<b>800000</b>
<b>B</b>	<b>Recurring Items</b>	
1	Recurring - I : (Manpower) Recurring - II : ( Consumables, Travel, Contingencies)	1483200 450000
2	Recurring - III : (Overhead Charges)	273000
<b>B'</b>	<b>Total (Recurring)</b>	<b>2206200</b>
<b>C</b>	<b>Total cost of the project (A' + B')</b>	<b>3006200</b>

2. Sanction of the SERB is also accorded to the payment of Rs. 800000/- (Rupees Eight Lakh only) under 'Grants for creation of capital assets' and Rs. 730000/- (Rupees Seven Lakh Thirty Thousand only) under 'Grants-in-aid General' to Registrar, Dayalbagh Educational Institute, Dayal Bagh Rd, Dayal Bagh being the first installment of the grant for the year 2018-2019 for implementation of the said research project.

3. The expenditure involved is debit to Fund for Science & Engineering Research (FSER) This release is being made under Core Research Grant. (PAC Earth & Atmospheric Sciences)

4. The Sanction has been issued to Dayalbagh Educational Institute, Dayal Bagh Rd, Dayal Bagh with the approval of the competent authority under delegated powers on 22 October, 2018 and vide Diary No. SERB/F/8385/2018-2019 dated 22 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. 1530000/- (Rupees Fifteen Lakh Thirty 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	DAYALBAGH EDUCATIONAL INSTITUTE
Account Number	3900002100201206
Bank Name & Branch	Punjab National Bank Punjab National Bank INTL. Banking Branch, Sanjay Place Agra-282002 Phone: 05622851553
IFSC/RTGS Code	PUNB0390000
Email id of A/C Holder	registrar.dei@gmail.com
Email id of PI	anita.lakhani01@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/2017/002648 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. Prahlad Ram)  
Scientist C  
prahlad@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.	<p>Dr. Anita Lakhani Chemistry Dayalbagh Educational Institute , Dayal bagh rd, dayal bagh, Agra, Uttar pradesh-282005 Email: anita.lakhani01@gmail.com Mobile: 919457815168</p> <p>Prof. Kandikonda Maharaj Kumari Chemistry Dayalbagh Educational Institute (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>Registrar, Dayalbagh Educational Institute, Dayal Bagh Rd, Dayal Bagh</p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p>

  
(Dr. Prahlad Ram)  
Scientist C  
[prahlad@serb.gov.in](mailto:prahlad@serb.gov.in)

**No. 103/241/2015-NT**  
**Government of India**  
**Ministry of New and Renewable Energy**  
**Hydrogen Energy & Fuel Cell Division**

Block No.14, C.G.O. Complex,  
Lodi Road, New Delhi-110003  
Dated: 29 June 2018

ORDER

**Subject: Sanction for implementation of R&D project entitled "Studies on Novel Semiconductors towards increasing the efficiency of PEC Water Splitting for Hydrogen Generation" to Dayalbagh Educational Institute, Dayalbagh, Agra.**

Sanction of the President is hereby accorded under Rule 18 of the Delegation of Financial Powers Rules, 1978, for the implementation of an R&D project entitled "Studies on Novel Semiconductors towards increasing the efficiency of PEC Water Splitting for Hydrogen Generation" with Dr. Sahab Dass, Department of Chemistry, Dayalbagh Educational Institute as the Principal Investigator at a total project cost of Rs. 1,41,97,000/- (Rupees One Crore Forty One Lakh Ninety Seven Thousand Only) for a duration of three years. The detailed terms and conditions of the sanction are as follows:

**(i) Project Title: "Studies on Novel Semiconductors towards increasing the efficiency of PEC Water Splitting for Hydrogen Generation"**

**(ii) Principal Investigator:** Prof. Sahab Dass  
Department of Chemistry  
Dayalbagh Educational Institute  
Dayalbagh, Agra - 282 005

**(iii) Co-Principal Investigators:** Prof. Vibha R. Satsangi  
Physics & Computer Science  
Dayalbagh Educational Institute  
Dayalbagh, Agra - 282 005

Prof. Rohit Shrivastav, D Phil  
Department of Chemistry  
Dayalbagh Educational Institute  
Dayalbagh, Agra - 282005

**(iv) Project Objectives:**

- a. Synthesis and characterization of promising metal oxide semiconductors and their performance evaluation in hydrogen generation via PEC splitting of water.
- b. Synthesis and characterization of doped and undoped BiVO<sub>4</sub> and promising perovskites and their performance evaluation in hydrogen generation via PEC splitting of water.
- c. To evolve benchmark materials/material systems, based on the research output of the above two objectives, that would yield atleast 5% energy conversion efficiency and possess 500 h of durability as electrode in contact with the electrolyte in the PEC cell.

(v) **Time Schedule:** Three years

(vi) **Manpower:** Details of manpower recommended for the project are as given below:

- Two numbers of JRF/SRF @ Rs.25,000/- p.m.(JRF) plus HRA @ 20% during the 1<sup>st</sup> and 2<sup>nd</sup> year and Rs. 28,000/- p.m.(SRF) plus HRA @ 30% during the 3<sup>rd</sup> year;
- One number of Research Associate @ Rs.38,000/- p.m plus HRA @ 20% plus HRA @ 20%.
- Two number of contractual manpower @ Rs.2,00,000/- p.a.

(vii) **Project Cost:**

Following are the details of the total budget of the project:

(Amount in Rs. Lakh)

Item	Year wise cost			Total Cost
	I	II	III	
Manpower	14.67	14.67	15.83	45.17
Consumables	8.0	8.0	4.0	20.0
Contingencies/ Other costs (including FESEM analysis at other centres)	21.6	21.6	15.6	58.8
Travel (including cost of travel for FESEM analysis at other centres)	5.0	5.0	3.0	13.0
Institutional overhead charges	-	-	5.0	5.0
Total	49.27	49.27	43.43	141.97

(viii) **Project Cost Sharing:**

S. No.	Organization	Amount (Rs.)	% Share
1.	MNRE	1,41,97,000/-	100 %
2.	Dayalbagh Educational Institute	Nil	Nil
	Total	1,41,97,000/-	100 %

(ix) **Expected output of the project:**

The project on its successful completion would lead to the following deliverables:

- Identification, synthesis, characterization and PEC performance evaluation of semiconductor systems, having energy conversion efficiency ~ 5% and material durability greater than 500 hours. Promising metal oxides, BiVO<sub>4</sub> and perovskites would be under extensive investigation and recent concepts/ strategies of material property tuning/modification would be rigorously tested.
- Project would lead to publications in reputed journals and international conference proceedings.
- Patents (likely).
- Provide methodology, experimental and technology validation data, which might pave the way for setting up of large scale hydrogen generation pilot plant in future.

*(Signature)*

**(x) Monitoring:**

The Project will be monitored as per the Ministry of New and Renewable Energy's Guidelines. At the end of first year, the Project Monitoring Committee on Hydrogen Production will evaluate the project progress and recommend regarding the requirement of FE-SEM.

**(xi) Terms & Conditions:**

- a. The status of research in the area of this project both at national and international level may be pursued.
  - b. Emoluments of the project manpower will be governed by O.M No. SR/S9/Z-09/2012 dated 21<sup>st</sup> October, 2014 issued by the Department of Science & Technology, Ministry of Science & Technology, Government of India and any subsequent revision thereto.
  - c. If at any point of time, it is found that the Organizations or Researchers involved in implementing this project had obtained funding from sources not specifically declared in their Project Proposal submitted to this Ministry for same or similar research, the university/organization concerned will be liable for refund of entire grant, along with penal interest, to be decided by Ministry of New & Renewable Energy.
  - d. The other general terms and conditions are enclosed in the Annexure.
2. Sanction of the President is also conveyed for release of Rs.49,00,000/- (Rupees Forty Nine Lakh only) as the first installment of funds in the project to Dayalbagh Educational Institute, Dayalbagh, Agra for meeting expenditure on Manpower, Consumables, Travel, Contingencies & Other costs under the project sanctioned.
3. This sanction is subject to the condition that the grantee organization will furnish financial year wise Utilization Certificate (UC) in the prescribed format of GFR-12(A) and audited statement of expenditure (ASoE) duly reflecting the interest accrued on the grants received/unspent balance under the project along with up to detailed progress report periodically as prescribed under the guidelines.
4. The grant shall be kept in interest bearing account. The interest accrued, if any, on the released amount/unspent balance shall be treated as the part of grant.
5. The grantee organization/institution shall be responsible for timely execution of the project as per the Provisions contained in the guidelines and within the allocated budget. Any request for extension of the project duration or for change in budget allocation, for valid reason, shall be placed before the duly constituted Committee for approval of the Competent Authority, before the expiry of the approved period of the project.
6. The grantee organization/institution shall be liable for recovery of the whole or part amount of the grant/subsidy, with applicable Penal interest, in case of non-compliance of the guidelines of the scheme/sanction.
7. As per the Provision contained in Rule 230 of GFR, the grants-in-Aid will be sanctioned to the grantee to meet the bonafide expenditure incurred not earlier than two years prior to the date of issue of the sanction. The grantee organization/institute shall ensure that the claims furnished by them are not exceeding the sanctioned components within the approved grant.
8. In terms of Rule 230 (7) of GFR 2017 and instructions of DoE the Programme Implementing Agency shall record the receipt of grant and the expenditure therefrom in the EAT module of PFMS. Subsequent release would be contingent upon updation in the EAT module and the actual unspent balance recorded therein.

9. In terms of Rule 230 (1) of GFR, the grantee organization/institute will certify that it has not obtained or applied for grants for the same purpose or activity from any other Ministry or Department of the Government of India or State Government.

10. In terms of provisions contained in Rule 236(i) of GFR, 2017, 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 MNRE), whenever the organization is called upon to do so.

11. The amount of Rs 49,00,000/- (Rupees Forty Nine Lakh only) will be drawn by the Drawing & Disbursing Officer from the Pay & Accounts Office, MNRE, New Delhi-110 003 and disbursed to the Dayalbagh Educational Institute, Dayalbagh, Agra through RTGS as per the details given below:

S.No.	Item of Bank Details	Details
1.	Name of Account holder	DAYALBAGH EDUCATIONAL INSTITUTE
2.	Account Number	3900002100201206
3.	Account Type	CURRENT
4.	Name of the bank	PUNJAB NATIONAL BANK
5.	Name of the city	AGRA
6.	Name of the branch	INTL. BANKING BRANCH, SANJAY PLACE, AGRA
7.	MICR Code	282-024-016
8.	IFSC/RTGS Code of the Bank and Branch	PUNB0390000

12. The expenditure involved would be debited to Demand No.61, MNRE, as per following heads during 2016-17 (PLAN):

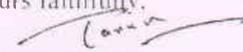
i.	Major Head	2810	New & Renewable Energy
ii.	Sub Major Head	00	
iii.	Minor Head	104	Research, Design, and Development in Renewable Energy
iv.	Sub Head	04	Research Development and International Co-operation
v.	Detailed Head	04	New Technologies
vi.	Object Head	31	Grants in Aid (General)

**Head- 2810.00.104.04.04.31.**

13. This issues under the delegated powers of the Ministry and with IFD's concurrence vide their Dy No. 152 dated 19 June 2018 and in accordance with the Administrative Approval and following common appraisal, approval and financial support procedure.

14. This sanction order has been noted at Serial No. 3 on Page No. 11 in the Register of Grants for New Technology Division for 2018-19 financial year.

Yours faithfully,

  
(Tarun Singh)  
Scientist-C

To

The Pay and Accounts Officer,  
Ministry of New & Renewable Energy,  
New Delhi,

Copy for information and necessary action to:-

1. The Principal Director of Audit (Science Department), DGACR Building, LP, Estate, New Delhi-110002.
2. The Director, Dayalbagh Educational Institute, Dayalbagh, Agra - 282 005
3. Prof. Sahab Dass, Department of Chemistry, Dayalbagh Educational Institute, Dayalbagh, Agra - 282 005
4. Joint Secretary & FA, MNRE
5. Adviser (PCM)/ Scientist-B(DP).
6. US (IFD).
7. Cash Section (2 copies).
8. Sanction folder.



(Tarun Singh)  
Scientist-C

No. ST/CS-III/2017/38(C)  
GOVERNMENT OF INDIA  
MINISTRY OF SCIENCE & TECHNOLOGY  
DEPARTMENT OF SCIENCE & TECHNOLOGY  
R & D (Infrastructure) DIVISION

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

29<sup>th</sup> September, 2018

ORDER

Subject: Financial assistance (1<sup>st</sup> installment) to the Department of Chemistry, Faculty of Science, Dayalbagh Educational Institute, Dayalbagh-282005, Agra, (Uttar Pradesh) under FIST Program.

Sanction of the President is hereby accorded to the approval of the aforesaid project at a total cost of **Rs. 1,27,00,000/- (Rupees One crore and twenty seven lakh only)** for 5 years. The detailed breakup of the grant for General as well as Capital Components are given below:

To strengthen the research facilities in the Department

Capital Assets: Rs. 115.0 L

E-Rs. 110.0L [ i) DTA DSC-Rs. 30.0 L, ii) ICP AES-Rs. 45.0 L, iii) Thermal Desorption Unit for GC- Rs-35.0L]

IF- Rs 5.0L [Books]

General Components: Rs. 12.0 L

M- Rs. 12.0 L

Total : Rs. 127.0 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	35.0	-	-	-	110.0
IF (Books)	-	2.0	1.0	1.0	1.0	5.0
Maintenance	-	2.0	3.0	3.0	4.0	12.0
Total	75.0	39.0	4.0	4.0	5.0	127.0

3. Sanction of the President is also accorded to the release of **Rs. 75,00,000/- (Rupees Seventy five lakh only)** to the Registrar, Dayalbagh Educational Institute, Dayalbagh-282005, Agra, (Uttar Pradesh) under FIST Program as a 1<sup>st</sup> installment of the grant in 2018-2019 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. 75.0 lakh for procurement of Equipment ( i) DTA DSC and (ii) ICP AES 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.

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.

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.

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 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.

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 2018-2019 (Voted)**  
[Previous: R&D Support: 3425.60.200.25.01.35]

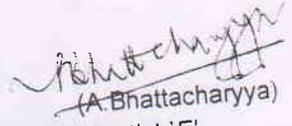
The above release is made under 'R&D' Scheme.

Amount of Rs. 75,00,000/- (Rupees Seventy five lakh only) will be drawn by the Drawing and Disbursing  
Account and will be disbursed to the Registrar, Dayalbagh Educational Institute, Dayalbagh-282005, Agra, (Uttar  
Pradesh).  
The bank details for electronic transfer of funds through RTGS are given below:-

Name of the Account Holder: **Registrar, Dayalbagh Educational Institute**  
Name of the Bank: **Punjab National Bank**  
Bank Account Number: **3900002100201206**  
IFSC Code: **PUNB0390000**  
MICR Code:

As per Rule 234 of GFR 2017, this sanction has been entered at S. No. 198 in the register of grants maintained in  
Division for the scheme (R&D Support).

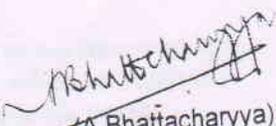
This issues with the concurrence of IFD Vide their **Concurrence Dy.No. 3131** dated the **29.09.2018**.

  
(A. Bhattacharyya)  
Scientist 'E'  
Email: [a.bhattacharyya@nic.in](mailto:a.bhattacharyya@nic.in)

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,  
Dayalbagh Educational Institute ,  
Dayalbagh-282005, Agra  
Uttar Pradesh
3. Head,  
Department of Chemistry Faculty Of Science  
Dayalbagh Educational Institute ,  
Dayalbagh-282005, Agra  
Uttar Pradesh
4. Office of the Director & Audit, Scientific Department, AGCR Bldg., 3rd Floor, IP Estate, New Delhi -110002.
5. Office of Account General, Uttar Pradesh, Lucknow.
6. FIST-Secretariat.
7. CoA / IFD, DST, New Delhi.
8. Head, R & D (Infrastructure), DST New Delhi.
9. Sanction Folder.

  
(A. Bhattacharyya)  
Scientist 'E'  
Email: [a.bhattacharyya@nic.in](mailto:a.bhattacharyya@nic.in)

No. SB/S4/AS-150/2014  
**SCIENCE & ENGINEERING RESEARCH BOARD**  
(A Statutory Body of the Department of Science & Technology, Government of India)

5&5A, Lower Ground Floor,  
Vasant Square Mall, Sector-B,  
Pocket-5, Vasant Kunj,  
New Delhi-110070.  
**Dated 10.03.2017**

**ORDER**

**Sub:** Financial sanction of the research project entitled "*Gas-Particle partitioning of Polyaromatic Hydrocarbons (PAHs) and Nitro-PAHs at a Rural and Traffic Site in Agra*"- Reg.

**PI:** Dr. (Mrs.) Anita Lakhani, D/o Chemistry, Dayalbagh Educational Institute, Dayalbagh-282110, Agra.

In continuation to the order of even number dated 22.09.2016, sanction of the **Science and Engineering Research Board** is accorded for an additional amount of Rs.6,00,000/- (Rupees Six Lakh Only) under "Grant-in-aid-Non-recurring" head for the procurement of Quadruple to complete the project.

2. Accordingly, the total cost of the project is also revised from Rs.38,50,000/- (Rupees Thirty Eight Lakh Fifty Thousand Only) to Rs.44,50,000/- (Rupees Forty Four Lakh Fifty Thousand Only).

3. Sanction of the SERB is also accorded to release an amount of Rs.6,00,000/- (Rupees Six Lakh Only) under Grant-in-aid-Non-recurring to the **Registrar, Dayalbagh Educational Institute, Dayalbagh, Agra** for the current financial year 2016-17.

4. The expenditure involved is debitible to **Fund for Science & Engineering Research (FSER)**. This release is being made under **PAC- Earth & Atmospheric Sciences**.

5. The Sanction has been issued with the approval of the competent authority under delegated powers and vide Diary No.SERB/F/ 9302 /2016-17 dated **10.03.2017**.

6. 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)).

7. The total release amount of **Rs. 6,00,000/-(Rupees Six Lakh Only)** will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	Dayalbagh Educational Institute (Deemed University) Dayalbagh, Agra
Account Number	3900002100201206
Bank Name & Branch	Punjab National Bank & Intl. Banking Branch, Sanjay Place, Agra
IFSC/MICR Code	PUNB0390000
Dr. (Mrs.) A. Lakhani (PI)	anita.lakhani01@gmail.com
Dr. Rajwant, Sci-E	rajwant@serb.gov.in

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.

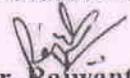
9. The institute will furnish to the SERB, New Delhi, Utilization certificate and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

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

11. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the SERB, a statutory body of the DST, Government of India should invariably be highlighted / acknowledged in their media release as well as in bold letters in the opening paragraphs of their Annual/Final Report.

12. 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/programme funded by the SERB, a statutory body of the DST, Government of India.

13. As this is the next grant being released for the project, UC for the year 2015-16 has already been submitted to FBO, SERB.

  
**(Dr. Rajwant)**  
**Scientist-E**

**Copy forwarded for information and necessary action to: -**

- 1 The Finance & Budget Officer, SERB, New Delhi.
- 2 Sanction Folder, SERB , New Delhi.
- 3 File Copy.
- 4 Dr. (Mrs.) Anita Lakhani, D/o Chemistry, Dayalbagh Educational Institute, Dayalbagh-282110, Agra.
- 5 The Registrar, Dayalbagh Educational Institute, Dayalbagh-282110, Agra.

  
**(Dr. Rajwant)**

CP/12/SL  
21/5/17

DAYALBAGH EDUCATIONAL INSTITUTE  
DAYALBAGH, AGRA-282005

No.DEI/GBMF(1552017)/503

22 MAY

✓ Prof. M.M. Srivastava  
Dept. of Chemistry  
Faculty of Science

A copy of Resolution no. 21 dated 15.5.2017 of the Governing Body is reproduced below for information and necessary action:-

21. Considered the request of Prof. M.M. Srivastava, PI, MHRD Virtual Chemistry Lab Phase-II, Dept. of Chemistry, Faculty of Science seeking approval for the following break-up under allocated grant of Rs.11.84 lacs :-

S. N.	Item	No. of Unit	Rate (Rs. in lacs)	Total (Rs. in lacs)
	<u>Non-Recurring</u>			
1	Colored Printer	1	0.45	0.45
1	Black & White Printer/Scanner/ Photostat	1	0.16	0.16
3	Total			0.61
	<u>Non-Recurring</u>			
1	Salary (Hiring Services)			2.00
2	Consumables/contingency			4.50
3	Travel (National/International)			2.73
4	Miscellaneous			2.00 +166
	Total			11.23
	Grand Total			11.84

It is noted that the proposal has the financial clearance dated 3.5.2017 from the Treasurer.

Resolved that the above break-up be and is hereby approved.

  
REGISTRAR

- Copy to :  
(1) The Treasurer  
(2) Meeting file

**rediffmail**

Mailbox of maharajkumari.k

**Subject: SERB-Notification**

From: SERB\_Administrator@serbonline.in on Thu, 28 Sep 2017 15:50:38

To: &lt;"info@serbonline.in"@imsva02.cdacnoida.in&gt;



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

FILE NO. EMR/2016/001255

**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-Aug-2017

**ORDER**

Subject: Financial Sanction of the research project titled "**Chemical characterization and source apportionment of ambient submicron particles**" under the guidance of Prof. Kandikonda Maharaj Kumari, Chemistry, Dayalbagh Educational Institute, Dayal bagh rd, dayal bagh, Agra, Uttar pradesh-282005 and by Dr. Anita Lakhani, Assistant Professor, Chemistry, Dayalbagh Educational Institute - 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. 2918200/- (Rs. Twenty Nine Lakh Eighteen Thousand Two Hundred Only)** with break-up of **Rs. 780000/- under Capital (Non-recurring) head and Rs.2138200/- under General (Recurring) head** for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 2918200/-** has been approved are given below:

The following budget may be considered for **Dayalbagh Educational Institute, Dayal Bagh Rd, Dayal Bagh**

S. No	Head	Total (in Rs.)
<b>A</b>	<b>Non-recurring</b>	
1	Equipment -> PM1 Sampler with accessories -> Accessories of ICS 1100 (Dionex) for one column	780000
<b>A'</b>	<b>Total (Non-Recurring)</b>	<b>780000</b>
<b>B</b>	<b>Recurring Items</b>	
1	Recurring - A : ( Manpower, Consumables, Travel, Contingencies)	1873200
2	Recurring - B : (Overhead Charges)	265000
<b>B'</b>	<b>Total (Recurring)</b>	<b>2138200</b>
<b>C</b>	<b>Total cost of the project (A' + B')</b>	<b>2918200</b>

2. Sanction of the **SERB** is also accorded to the payment of **Rs. 780000/- (Rupees Seven Lakh Eighty Thousand only)** under 'Grants for creation of capital assets' and **Rs. 710000/- (Rupees Seven Lakh Ten Thousand only)** under 'Grants-in-aid General' to

**REGISTRAR, Dayalbagh Educational Institute, Dayal Bagh Rd, Dayal Bagh**

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 Earth & Atmospheric Sciences)
4. The Sanction has been issued to Dayalbagh Educational Institute, Dayal Bagh Rd, Dayal Bagh with the approval of the competent authority under delegated powers on **11 August, 2017** and vide Diary No. **SERB/F/4812/2017-2018** dated **14 August, 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.
10. The release amount of **Rs. 1490000/-** (Rupees Fourteen Lakh Ninety 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           | DAYALBAGH EDUCATIONAL INSTITUTE                             |
| Account Number         | 3900002100201206  |
| Bank Name & Branch     | PUNJAB NATIONAL BANK PUNJAB NATIONAL BANKSANJAY PLACE, AGRA |
| IFSC/RTGS Code         | PUNB 0390000  |
| Email id of A/C Holder | registrar.dei@gmail.com                                     |
| Email id of PI         | maharajkumari.k@rediffmail.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/2016/001255 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. Rajwant SERB)  
Scientist E  
rajwant@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.	<p>Prof. Kandikonda Maharaj Kumari Chemistry Dayalbagh Educational Institute , Dayal bagh rd, dayal bagh, Agra, Uttar pradesh-282005 Email: maharajkumari.k@rediffmail.com Mobile: 919259485999</p> <p>Dr. Anita Lakhani Chemistry Dayalbagh Educational Institute (Start date of the project may be intimated by name to the undersigned. For guidance, terms &amp; Conditions etc. Please visit www.serb.gov.in.)</p>
5.	<p>REGISTRAR, Dayalbagh Educational Institute, Dayal Bagh Rd, Dayal Bagh</p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p>

(Dr. Rajwant SERB)  
Scientist E  
rajwant@serb.gov.in

\*\*\*\*\* 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.

\*\*\*\*\*  
'SAVE PAPER - THINK BEFORE YOU PRINT!'  
Please do not reply to this mail

DAYALBAGH EDUCATIONAL INSTITUTE  
DAYALBAGH, AGRA-282005

11 DEC 2017

No. DEI/GBMF(2112017)/ 2192

✓ Prof. K. Maharaj Kumari  
Department of Chemistry,  
Faculty of Science  
D.E.I.

A copy of resolution no. 13 dated 2.11.2017 of the Governing Body is reproduced below for information and necessary action:-

13. The Governing Body noted that:-

(i) The Science and Engineering Research Board (SERB), Department of Science and Technology, Government of India vide its letter No. EMR/2016/001255 dated 22.8.2017 has sanctioned a research project entitled "Chemical Characterisation and Source Apportionment of Ambient Sub-micron Particles" to Prof. K. Maharaj Kumari, Department of Chemistry, Faculty of Science with the financial assistance of Rs.29,18,200/- for a period of three years. A sum of Rs.14,90,000/- has been released by the DST towards implementation of the project during the financial year 2017-18, as per the details given below:-

S.N.	Items	First year	Total (Rs.)
1	Permanent Equipment PM <sub>1</sub> Sampler with accessories- Rs.1,36,000/-	7,80,000/-	7,80,000/-
	Accessories for Dionex- 1 set of Cation Column, CSRS and 1 set of Anion Column, ASRS- Rs.6,44,000/-		
2	Consumables and supplies	1,60,000/-	1,60,000/-
3	Travel	50,000/-	50,000/-
4	Contingencies	50,000/-	50,000/-
5	Salaries/Wages- JRF-1	3,60,000/-	3,60,000/-
6	Overheads	90,000/-	90,000/-
	Total	14,90,000/-	14,90,000/-

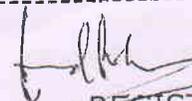
The proposal was recommended on 22.10.2017 by the Treasurer and has the financial clearance dated 31.10.2017 from the Finance Committee.

(ii) Considered the request of Prof. K. Maharaj Kumari, PI of the Project to purchase the items as given above which have the approval of the sanctioning authority.

Resolved that the proposal as above be and is hereby approved with the proviso that minor variation in the cost upto 20% in the total allocation may be made with the approval of the Director.

(iii) Considered the request of the PI of the Project to create a post of JRF (emoluments Rs.30,000/- p.m. for first two years) which shall be upgraded to SRF in the third year (emoluments Rs.33,600/- p.m.).

Resolved that the post of JRF sanctioned by DST be engaged as per the guidelines of the project for a period which will be co-terminous with the project.

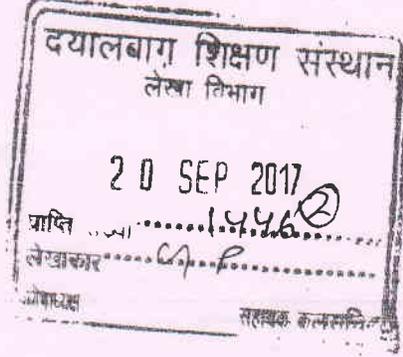
  
REGISTRAR

ब. No. DS\_2B-13015/1/2017  
भारत सरकार/GOVERNMENT OF INDIA  
अंतरिक्ष विभाग/DEPARTMENT OF SPACE  
\*\*\*

Antariksh Bhavan  
New BEL Road  
Bengaluru - 560 231

September 12, 2017

The Registrar,  
Dayalbagh Educational Institute,  
Dayalbagh, Agra - 282 005,  
Uttar Pradesh.



Sir,

Sub: Grant-in-aid - IGBP- ARFI - Release of grant for national networks on aerosol and boundary layer observatories set up by SPL under ARFI- reg.  
\*\*\*

I am directed to convey the sanction of the President to a grant ₹10,00,000/- (Rupees Ten lakh only) towards meeting the working expenditure for carrying out Aerosol Radiative Forcing over India (ARFI) project under ISRO Geosphere Biosphere Programme (IGBP) during the year 2017-18 by Dayalbagh Educational University, Agra.

2. The amount of ₹10,00,000/- (Rupees Ten lakh only) will be paid to you by the Pay & Accounts Officer, Department of Space, Antariksh Bhavan, New BEL Road, Bengaluru-560 231 on receipt of the bill.
3. The grant-in-aid sanctioned shall be subject to the terms and conditions mentioned in the Annexure enclosed.
4. A separate account for the grant-in-aid sanctioned will have to be maintained which are subject to the scrutiny by the Indian Audit and Accounts Department who will also have the right of access to the Book of Accounts.
5. Accounts of expenses incurred out of grant should be prepared, maintained and authenticated by approved auditors. The final accounts statement in duplicate duly audited should be sent to the Pay & Accounts Officer, Department of Space, Bengaluru-560 231 at the end of each financial year of support.

...2/-

1343(2)  
18/9/17

Director - for information  
Treasurer - for h-a. pr

Grp

Registrar

DEH-Registrar Office  
Receipt No. 1736

भौतिक अनुसंधान प्रयोगशाला  
(भारत सरकार, अंतरिक्ष विभाग की यूनिट)  
नवरंगपुरा, अहमदाबाद - 380 009, भारत



**Physical Research Laboratory**  
(A Unit of Dept. of Space, Govt. of India)  
Navrangpura, Ahmedabad-380 009, India

ISRO - GBP/AT - CTM

January 23, 2017

Dr. K. Maharaj Kumari  
Reader, Department of Chemistry  
Dayalbagh Educational Institute (DEI)  
Dayalbagh, Agra, Uttar Pradesh - 282 005

Ref : Financial support for ISRO-GBP Environmental Observatories Project

Dear Dr. Maharaj Kumari,

I am happy to inform you that as per your budget requirement for the Atmospheric Trace gases - Chemistry, Transport and Modelling (AT - CTM) project under ISRO - GBP, Rs. 16.0 lakh has been approved for the year 2016 - 17. The bifurcation is given below:

Budget: ISRO - GBP / AT - CTM for FY 2016 -17 (Rs. in lakhs)	
Equipments	---
Consumables	8.8
Fellowship	3.0
Travel	0.5
Contingency	1.0
Sub-total	13.3
Overhead(20%)	2.7
Total	16.0

Cheque (no. 147909 dated 17-1-17 - in the name of concerned authority mentioned below) for the above amount is enclosed with this letter.

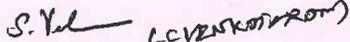
Please note that the future budget will depend upon the progress of the project, availability of fund and your submission of audited statement of account at the end of financial year and a certified Utilization Certificate in respect of the money spent.

In addition, you have to submit data, results and progress report as and when required. Please mention that "the financial support for this work is provided by ISRO - GBP under AT - CTM project" in all your publications and reports coming out of this work.

Please also note that no student will be supported beyond 5 years.

With warm regards,

Yours sincerely,

  
(For ISRO-GBP:ATCTM)

Copy to: The Director, DEI, Agra - This is in connection with ISRO - GBP Env. Observatories Project.

No.SR/WOS-A/AS-04/2013  
Government of India  
Ministry of Science & Technology  
Department of Science & Technology

Technology Bhawan  
New Mehrauli Road  
New Delhi-110016  
Dated-02/05/2016

**ORDER**

**Sub:** Financial approval of the project under Women Scientist Scheme A (WOS-A) entitled "Chemical characterization of PM<sub>2.5</sub> at rural site of Agra" under the guidance of Dr. Aparna Satsangi, Department of Chemistry, Faculty of Science, Dayalbagh Educational Institute (Deemed University), Dayalbagh, Agra-282005, UP.

In partial modification of this Department's sanction letter of even number dated 04.08.2014, sanction of the President is hereby accorded to revise the total cost of the project from ₹22,60,000/- to ₹ 29,00,000/- and the revised budget break up is as follows:

Heads	Sanctioned Amt. (₹)	Additional Amt. (₹)	Revised Sanction Amt. (₹)
Fellowship for Ph.D @ ₹ 55,000/-M	12,60,000/-	6,40,000/-	19,00,000/-
Consumables	1,50,000/-		1,50,000/-
Contingencies	75,000/-		75,000/-
Travel	75,000/-		75,000/-
Equipments	5,50,000/-		5,50,000/-
Overhead	1,50,000/-		1,50,000/-
<b>Grand Total</b>	<b>22,60,000/-</b>		<b>29,00,000/-</b>

2. Sanction of the President is also accorded to payment of ₹ 6,00,000/- (Rupees Six Lakh only) as Second installment to the Registrar, Dayalbagh Educational Institute (Deemed University), Dayalbagh, Agra-282005, UP for implementation of the said project during the current financial year.

3. Sanction of the President is also hereby accorded to carry forward the remaining unspent balance of ₹ 2,71,501/- from the financial year 2014-15 to 2015-16 for utilization for the same purpose for which it was sanctioned.

4. 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)  
55 Disha Programme for Women in Science  
55.01 Disha Programme for Women in Science  
55.01.31 Grants-in-aid General for the year 2016-2017 (Plan Expenditure-General)

This release is being made under the Disha Programme for Women in Science.

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

6. It is certified that the provisions of GFR 112(1) relating to Utilization Certificate (U/C) for the funds released under the grant have been satisfied and U/C for the year 2014-15 is enclosed herewith.

7. The Sanction has been issued under the powers delegated to the Ministries and with the concurrence of IF Division of Department of Science & Technology vide their Concurrence Diary No. C/ 288 /IFD/2016-17 dated 19/04/2016.

8. The amount of ₹ 6,00,000/- (Rupees Six Lakh only) will be disbursed to the Registrar, Dayalbagh Educational Institute (Deemed University), Dayalbagh, Agra-282005, UP for by means of electronic transfer as per the details given below:

Institute name : Dayalbagh Education Institute Dayalbagh  
Bank Name : Punjab National Bank  
Account Number : 3900002100201206  
Branch : Sanjay Place, Agra  
IFSC code : PUNB 0390000

9. As per rule 211(1) of GFR, the accounts of Project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

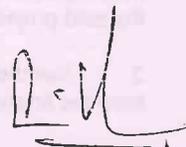
10. There is no due pending UC from the Institute for this Scheme/Project and all UCs have been uploaded in PFMS also.
11. Principal Investigator (PI) is directed to acknowledge "research grant" in all publications emerging out of this particular project. For example, "author acknowledge Department of Science & Technology, Government of India for financial support vide reference no.....under Women Scientist Scheme to carry out this work". Also she is advised to be either 'first' or 'corresponding' author in all publications.
12. Sanction has been entered at Sl. No..... in the Register of Grants (2016-17).



(HB SINGH)  
Scientist-E

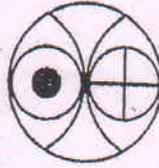
Copy forwarded for information and necessary action to:-

1. The Director of Audit (CW & M-II), AGCR Building, IP Estate, New Delhi-110 002.
2. Copy with two spare copies of the sanction to the Drawing & Disbursing Officer, DST, Cash Section.
3. The Registrar, Dayalbagh Educational Institute (Deemed University), Dayalbagh, Agra-282005, UP.
4. Dr. Aparna Satsangi, Department of Chemistry, Faculty of Science, Dayalbagh Educational Institute (Deemed University), Dayalbagh, Agra-282005, UP.
5. Pay & Accounts Officer, DST, New Delhi.
6. Accounts Section, DST, New Delhi.
7. Head, KIRAN Division.
8. Sanction Folder.
9. COA, DST, New Delhi.
10. IFD, DST, New Delhi.
11. KIRAN Secretariat.



(HB SINGH)  
Scientist-E

भौतिक अनुसंधान प्रयोगशाला  
(अंतरिक्ष विभाग की यूनिट, भारत सरकार)  
नवरंगपुरा, अहमदाबाद - 380 009, भारत  
तार : "रिसर्च" फेक्स : +91-(0)79-26314900  
दूरभाष : 26314000 ई-मेल : root@prl.res.in



PHYSICAL RESEARCH LABORATORY  
(A UNIT OF DEPT. OF SPACE, GOVT. OF INDIA)  
NAVRANGPURA, AHMEDABAD-380 009, INDIA.  
CABLE : "RESEARCH" FAX : +91-(0)79-26314900  
PHONE : 26314000 E-mail : root@prl.res.in

ISRO - GBP/AT - CTM

January 12, 2016

Dr. K. Maharaj Kumari  
Reader, Department of Chemistry  
Dayalbagh Educational Institute (DEI)  
Dayalbagh, Agra, Uttar Pradesh - 282 005

Ref : Financial support for ISRO-GBP Environmental Observatories Project

Dear Dr. Maharaj Kumari,

I am happy to inform you that as per your budget requirement, Rs. 12.0 lakh has been approved for the year 2015 - 16. The bifurcation is given below:

Budget : ISRO - GBP / AT - CTM for FY 2015 -16 (Rs. in lakhs)	
Equipments	---
Consumables	5.5
Fellowship	3.0
Travel	0.5
Contingency	1.0
Sub-total	10.0
Overhead(20%)	2.0
Total	12.0

Cheque (no. 41682 dated 7-Jan-16 - in the name of concerned authority mentioned below) for the above amount is enclosed with this letter.

Please note that the future budget will depend upon the progress of the project, availability of fund and your submission of audited statement of account at the end of financial year and a certified Utilization Certificate in respect of the money spent.

In addition, you have to submit data, results and progress report as and when required. Please mention that "the financial support for this work is provided by ISRO - GBP under AT - CTM project" in all your publications and reports coming out of this work.

Please also note that no student will be supported beyond 5 years.

With warm regards,

Yours sincerely,

S. Venk (S. VENKATARAMAN)

(For ISRO - GBP : ATCTM)

20-1-16

भारत सरकार  
अंतरिक्ष विभाग  
विक्रम साराभाई अंतरिक्ष केन्द्र  
तिरुवनन्तपुरम-695 022  
केरल, भारत  
फोन : (0471) 2562404  
फैक्स : (0471) 2566535



Government of India  
Department of Space  
**Vikram Sarabhai Space Centre**  
Thiruvananthapuram-695 022  
Kerala, INDIA  
Telephone : (0471) 2562404  
Fax : (0471) 2706535  
e-mail: s.sureshbabu@vssc.gov.in

अन्तरिक्ष भौतिकी प्रयोगशाला  
**SPACE PHYSICS LABORATORY**

डॉ. एस सुरेश बाबू/Dr. S Suresh Babu  
प्रधान, एआरएफएस/Head, ARFS

एसपीएल/SPL/एआरएफएस/ARFS/DU/05

December 30, 2016

The Registrar  
Dayalbagh Educational Institute  
Agra -- 282 005

Sub: Regarding the utilization of fund.

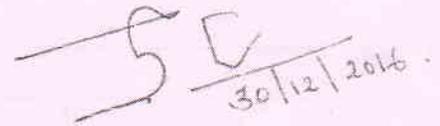
Dear Sir,

Please note that an amount of Rs. 10.00 lakhs (Rupees ten lakhs only) is transferred to the Dayalbagh Educational Institute account (A/c No. 3900002100201206) from VSSC on 18.11.2016. This amount is for the ARFI project related expenses, such as payment of scientific personnel associated with the project, procurement of necessary scientific instrument to meet the project objectives, contingencies, consumables and travel related expenses to the project during the FY 2016-17.

You are requested to send the fund utilization certificate by the end of the financial year.

As a mandate of the project, PI may be requested to send a copy of the data periodically to the ARFI data centre at SPL for archival purpose.

With thanks and regards,

  
30/12/2016

(एस सुरेश बाबू/S Suresh Babu)

Copy to: 1. Dr. Ranjit Kumar, Principal Investigator at DEI, Agra  
2. Director, SPL - for kind information

भारत सरकार  
अंतरिक्ष विभाग  
विक्रम साराभाई अंतरिक्ष केन्द्र  
तिरुवनन्तपुरम-695 022  
केरल, भारत  
फोन : (0471) 2562404  
फैक्स : (0471) 2706535  
तार/



Government of India  
Department of Space  
**Vikram Sarabhai Space Centre**  
Thiruvananthapuram-695 022  
Kerala, INDIA  
Telephone : (0471) 2562404  
Fax : (0471) 2706535  
Gram: SPACE  
e-mail: s\_sureshababu@vssc.gov.in

ARFI (AEROSOL RADIATIVE FORCING OVER INDIA) PROJECT – I-GBP  
SPACE PHYSICS LABORATORY

Dr. S. Suresh Babu  
Project Manager

SPL: GBP: ARFI:42

August 20, 2015

The Registrar  
Dayalbagh Educational Institute  
Agra

Dear Sir,

*Sub:- Release of fund for the year 2015-16 to ARFI network station.*

Please find enclosed, a Demand Draft (No: 298916 dated 06.08.2015) for an amount of Rs.10,00,000/- (Rupees ten lakh only) drawn in your favour. This amount is to meet the project expenses (including payment to Scientific personnel associated with the project as per the existing norms in your institute, procurement of scientific instrument to meet the project objectives, project related travel, contingencies and consumables etc.) related to ARFI Project for the financial year 2015-16, for the ISRO-GBP funded ARFI project being pursued in your institute, for which Dr. Ranjit Kumar, Department of Chemistry, Technical College, Dayalbagh Educational Institute is the Principal Investigator, Dr. K. Maharaj Kumari, Faculty of Science, Dayalbagh Educational Institute and Dr. Ashok Jangid, Department of Physics and Computer Science, Dayalbagh Educational Institute are the Co-PIs.

As a mandate of the project, PI may be requested to send a copy of the data periodically to the ARFI data centre for archival purpose.

Please acknowledge the receipt and also arrange to furnish the utilization certificate for the grants by the end of the financial year.

With regards,

Sincerely yours,

  
(S. Suresh Babu)

cc: 1. Dr. Ranjit Kumar, Department of Chemistry, Dayalbagh Educational Institute  
2. Director, SPL - for kind information



ज्ञान - विज्ञान विमुक्तये

[www.ugc.ac.in](http://www.ugc.ac.in)

Ph. No. 011-23604519



सत्यमेव जयते

विश्वविद्यालय अनुदान आयोग  
(मानव संसाधन विकास मंत्रालय, भारत सरकार)  
बहादुरशाह जफर मार्ग, नई दिल्ली - 110 002

**University Grants Commission**  
(Ministry of Human Resource Development, Govt. of India)  
Bahadurshah Zafar Marg, New Delhi - 110 002

Speed Post

F.No. 194-1/2009(IC)

July, 2015

The Registrar  
Dayalbagh Educational Institute,  
Dayalbagh, Agra - 282 005

**Subject:** - Approval of the proposal titled "**Semiconductor chip/chiplet bases novel approaches for efficient Solar-Water Splitting: A. Photoelectrochemical Hydrogen Generation: B. Photocatalytic Hydrogen Generation**" under Indo-US 21<sup>st</sup> Century Knowledge Initiative.

Sir,

With reference to the Proposal received from the **Department of Chemistry, Dayalbagh Educational Institute, Agra** titled "**Semiconductor chip/chiplet bases novel approaches for efficient Solar-Water Splitting: A. Photoelectrochemical Hydrogen Generation: B. Photocatalytic Hydrogen Generation**" submitted under **Indo-US 21<sup>st</sup> Century Knowledge Initiative**, I am directed to convey approval of the Commission to the head-wise financial allocation as per the items mentioned in the proposal for **Rs.1,16,86,000/- (Rupees One Crore Sixteen Lakhs Eighty Six Thousand Only)** for **3 years w.e.f. 01<sup>st</sup> August, 2015 to 31<sup>st</sup> July, 2018.**

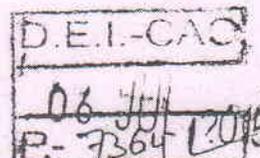
A grant of **Rs.41,06,000/- (Rupees Forty One Lakhs Six Thousand Only)** i.e. 1<sup>st</sup> year grant of the approved budget will be sanctioned separately on receipt of duly filled mandate form in the enclosed format for release of grant through RTGS.

You are requested to implement the programme and submit half yearly progress report to UGC.

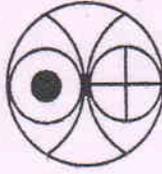
Yours faithfully,

Manju Singh  
(Manju Singh)  
Joint Secretary

- Director - for information, pl.  
- Treasurer  
Head Deptt of Chemistry  
for u.g. pl.  
Registrar  
D.E.I.



भौतिक अनुसंधान प्रयोगशाला  
(अंतरिक्ष विभाग की यूनिट, भारत सरकार)  
नवरंगपुरा, अहमदाबाद - 380 009, भारत  
तार : "रिसर्च" फेक्स : +91-(0)79-26314900  
दूरभाष : 26314000 ई-मेल : root@prl.res.in



PHYSICAL RESEARCH LABORATORY  
(A UNIT OF DEPT. OF SPACE, GOVT. OF INDIA)  
NAVRANGPURA, AHMEDABAD-380 009, INDIA.  
CABLE : "RESEARCH" FAX : +91-(0)79-26314900  
PHONE : 26314000 E-mail : root@prl.res.in

ISRO - GBP/AT - CTM

February 27, 2015

Dr. K. Maharaj Kumari  
Reader, Department of Chemistry  
Dayalbagh Educational Institute (DEI)  
Dayalbagh, Agra, Uttar Pradesh - 282 005

Ref : Financial support for ISRO-GBP Environmental Observatories Project

Dear Dr. Maharaj Kumari,

I am happy to inform you that as per your budget requirement and as recommended by the review committee of Atmospheric Trace gases - Chemistry, Transport and Modelling (AT - CTM) project under ISRO - GBP during the review meeting held at G.B. Pant Inst. of H.E.D., Kullu during March 3-4, 2014, Rs. 9.5 lakh has been approved for the year 2014 - 15. The bifurcation is given below:

Budget : ISRO - GBP / AT - CTM for FY 2014 -15 (Rs. in lakhs)	
Equipments	1.5
Consumables	2.5
Fellowship	3.9
Travel	---
Contingency	---
<b>Sub-total</b>	<b>7.9</b>
Overhead(20%)	1.6
<b>Total</b>	<b>9.5</b>

Cheque (no. 41666 dated 27-02-15 - in the name of concerned authority mentioned below) for the above amount is enclosed with this letter.

Please note that the future budget will depend upon the progress of the project, availability of fund and your submission of audited statement of account at the end of financial year and a certified Utilization Certificate in respect of the money spent.

In addition, you have to submit data, results and progress report as and when required. Please mention that "the financial support for this work is provided by ISRO - GBP under AT - CTM project" in all your publications and reports coming out of this work.

Please also note that no student will be supported beyond 5 years.

With warm regards,

Yours sincerely,

  
(For ISRO-GBP:ATCTM)

भौतिक अनुसंधान प्रयोगशाला  
(अंतरिक्ष विभाग की यूनिट, भारत सरकार)  
नवरंगपुरा, अहमदाबाद - 380 009, भारत  
तार : "रिसेच" फेक्स : +91-(0)79-26314900  
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**PHYSICAL RESEARCH LABORATORY**  
(A UNIT OF DEPT. OF SPACE, GOVT. OF INDIA)  
NAVRANGPURA, AHMEDABAD-380 009, INDIA.  
CABLE : "RESEARCH" FAX : +91-(0)79-26314900  
PHONE : 26314000 E-mail : root@prl.res.in

Prof. Shyam Lal  
Project Director, ISRO - GBP/AT - CTM

E-mail : shyam@prl.res.in  
Phone : 079 - 26314671  
Fax : 079 - 26314659

April 2, 2014

Dr. K. Maharaj Kumari  
Reader, Department of Chemistry  
Dayalbagh Educational Institute (DEI)  
Dayalbagh, Agra, Uttar Pradesh - 282 005

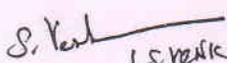
Ref : Financial support for ISRO-GBP Environmental Observatories Project for the financial year 2014 - 15

Dear Dr. Maharaj Kumari,

ISRO - GBP's ATCTM project at your institute is extended for one more year through the financial year 2014-15 and can use the balance fund from 2013-14.

With warm regards,

Yours sincerely,

  
(S. K. VERMA FOR MAM)

Mr (Shyam Lal)

भारत सरकार  
अंतरिक्ष विभाग  
विक्रम साराभाई अंतरिक्ष केन्द्र  
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तार/



Government of India  
Department of Space  
**Vikram Sarabhai Space Centre**  
Thiruvananthapuram-695 022  
Kerala, INDIA  
Telephone : (0471) 2562404  
Fax : (0471) 2706535  
Gram: SPACE  
e-mail: s\_sureshababu@vssc.gov.in

**ARFI (AEROSOL RADIATIVE FORCING OVER INDIA) PROJECT – I-GBP  
SPACE PHYSICS LABORATORY**

**Dr. S. Suresh Babu**  
Project Manager

SPL: GBP: ARFI:42

September 15, 2014

The Registrar  
Dayalbagh Educational Institute  
Dayalbagh  
Agra  
Uttar Pradesh - 282005

Dear Sir,

*Sub:- Release of fund for the year 2014-15 to ARFI network station.*

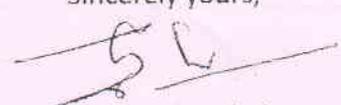
Please find enclosed, a Demand Draft (No: 744331 dated 10.09.2014) for an amount of ₹6,00,000/- (Rupees six lakh only) drawn in your favour. This amount is to meet the project expenses (including payment to Scientific personnel associated with the project as per the existing norms in your institute, procurement of scientific instrument to meet the project objectives, project related travel, contingencies and consumables etc.) related to ARFI Project for the financial year 2014-15, pursued in your institute, for which Dr. Ranjit Kumar, Department of Chemistry, Technical College, Dayalbagh Educational Institute is the Principal Investigator, Dr. K. Maharaj Kumari, Faculty of Science, Dayalbagh Educational Institute and Dr. Ashok Jangid, Department of Physics and Computer Science, Dayalbagh Educational Institute are the Co-PIs.

As a mandate of the project, PI may be requested to send a copy of the data periodically to the ARFI data centre for archival purpose.

Please acknowledge the receipt and also arrange to furnish the utilization certificate for the grants by the end of the financial year.

With regards,

Sincerely yours,

  
(S. Suresh Babu)

- cc: 1. Dr. Ranjit Kumar, Department of Chemistry, Dayalbagh Educational Institute  
2. Director, SPL - for kind information

No. SB/S4/AS-150/2014  
**SCIENCE & ENGINEERING RESEARCH BOARD**  
(A Statutory Body of the Department of Science & Technology, Government of India)

5&5A, Lower Ground Floor,  
Vasant Square Mall, Sector-B,  
Pocket-5, Vasant Kunj,  
New Delhi-110070.

Dated 20.10.2014

**ORDER**

**Sub:** Financial Sanction of the research project titled "**Gas-Particle partitioning of Polyaromatic Hydrocarbons (PAHs) and Nitro-PAHs at a Rural and Traffic Site in Agra**"- R $\acute{e}$ g.

**PI:** Dr. (Mrs.) Anita Lakhani, Assistant Professor, D/o Chemistry, Dayalbagh Educational Institute, Dayalbagh-282110, Agra.

Sanction of the Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total estimated cost of Rs. 38,50,000/- (Rupees Thirty Eight Lakh Fifty Thousand only) with break-up of Rs. 17,00,000/- under the Non-recurring (Capital head) and Rs. 21,50,000/- under Recurring (General head) for a duration of three years. The items of expenditure for which the total allocation of Rs. 38,50,000/- has been approved are given below:

S No	Head	Total (in Rs)
<b>A</b>	<b>Non-recurring (Capital Items)</b>	
1	Equipment- High Volume Sampler (HVS) - 2, Rotary Evaporator Chiller - 1, Columns for GC-MS - 1(Accessories)	17,00,000/-
<b>B</b>	<b>Recurring Items (General)</b>	
1	General - A Manpower: JRF/SRF-1; Field Attendent-1, Consumables, Contingencies including publication charges & Domestic travel.	18,50,000/-
2	General - B Overhead Charges	3,00,000/-
	<b>Total cost of the project (A + B)</b>	<b>38,50,000/-</b>

2. Sanction of the SERB is also accorded to the payment of Rs. 20,00,000/- (Rupees Twenty Lakh only) with break-up of Rs. 17,00,000/- (Rupees Seventeen Lakh Only) under 'Grants for creation of Non-recurring' and Rs. 3,00,000/- (Rupees Three Lakh only) under 'Grants-in-aid -Recurring' to the Registrar, Dayalbagh Educational Institute, Dayalbagh 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 being made under PAC- Atmospheric Sciences.

4. The Sanction has been issued with the approval of the competent authority under delegated powers and vide Diary No.SERB/F/ 5344 /2014-15 dated 17.10.2014.

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 General-A, it should be ensured that not more than Rs. 1.5 lakh should be spent for travel.

8. The total release amount of Rs. 20,00,000/- (Rupees Twenty Lakh only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	Dayalbagh Educational Institute (Deemed University) Dayalbagh, Agra
Account Number	3900002100201206
Bank Name & Branch	Punjab National Bank & Intl. Banking Branch, Sanjay Place, Agra
IFSC/MICR Code	PUNB0390000
Dr. (Mrs.) A. Lakhani (PI)	anita.lakhani01@gmail.com
Dr. P Sanjeeva Rao	psrao@nic.in

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

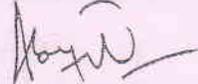
10. The institute will furnish to the SERB, New Delhi, Utilization certificate and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

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

12. The institute will maintain separate audited accounts for the project. It is found expedient to keep a part or whole of grant in a 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.

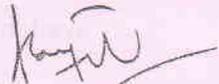
13. The sanctioned equipments would be procured as per GFR 2005 and its disposal would be done with prior approval of SERB.

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

  
(Dr. P. Sanjeeva Rao)  
Scientist-G

**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 The Finance & Budget Officer, SERB, New Delhi.
- 3 Sanction Folder, SERB, New Delhi.
- 4 File Copy.
- 5 Dr. (Mrs.) Anita Lakhani, Assistant Professor, D/o chemistry, Dayalbagh Educational Institute, Dayalbagh-282110, Agra.
- 6 The Registrar, Dayalbagh Educational Institute, Dayalbagh-282110, Agra.

  
(Dr. P. Sanjeeva Rao)  
Scientist-G

भारत सरकार  
अंतरिक्ष विभाग  
विक्रम साराभाई अंतरिक्ष केन्द्र  
तिरुवनन्तपुरम-695 022  
केरल भारत  
फोन : (0471) 2562404  
फैक्स : (0471) 2706535  
तार/



Government of India  
Department of Space  
Vikram Sarabhai Space Centre  
Thiruvananthapuram-695 022  
Kerala, INDIA  
Telephone : (0471) 2562404  
Fax : (0471) 2706535  
Gram: SPACE  
e-mail: s\_sureshababu@vssc.gov.in

ARFI (Aerosol Radiative Forcing over India) Project - I-GBP  
SPACE PHYSICS LABORATORY

Dr. S. Suresh Babu  
Project Manager

SPL: GBP: ARFI:42

The Registrar  
Dayalbagh Educational Institute  
Dayalbagh,  
Agra 282 110, U.P.

For G B agenda pl. August 16, 2013

26/8/2013

Dear Sir,

*Sub:- Release of fund for the year 2013-14 to ARFI network station.*

I am pleased to convey you the formal approval of the proposal submitted from your institute for an Aerosol Observatory at Agra under ARFI project of ISRO-GBP, for which Dr. Ranjit Kumar, Department of Chemistry, Technical College, Dayalbagh Educational Institute is the Principal Investigator, Dr. K. Maharaj Kumari, Faculty of Science, Dayalbagh Educational Institute and Dr. Ashok Jangid, Department of Physics and Computer Science, Dayalbagh Educational Institute are the Co-PIs.

Please find enclosed, a Demand Draft (No: 743497 dated 25/07/2013) for an amount of Rs.25,00,000/- (Rupees twenty five lakh only) drawn in your favour. This amount is to meet the project expenses (such as payment of scientific personnel associated with the project, procurement of necessary scientific instruments to meet the ARFI objectives, contingencies, consumables and travel related to the project) for the financial year 2013-14.

As a mandate of the project, PI may be requested to send a copy of the data periodically to the ARFI data centre at SPL/VSSC for archival purpose.

Please acknowledge the receipt and also arrange to furnish the utilization certificate for the grants by the end of the financial year.

With regards,

Sincerely yours,

(S. Suresh Babu)

- cc: ✓
1. Dr. Ranjit Kumar, Technical College, Dayalbagh Educational Institute, Dayalbagh, Agra 282 110
  2. Dr. K. Maharaj Kumari, Faculty of Science, Dayalbagh Educational Institute
  3. Dr. Ashok Jangid, Department of Physics and Computer Science, Dayalbagh Educational Institute
  4. Project Director, ARFI/Director, SPL - for kind information

No. DEI/GBMF(26102013)/ 1821

08 NOV 2013

To

Dr. Ranjit Kumar  
Lecturer  
DEI Technical College  
D.E.I.

I am directed to inform you that vide its resolution no.52 dated 26.10.2013, the Governing Body has-

52(i). noted that Vikram Sarabhai Space Centre, Department of Space, Government of India vide its letter No.SPL:GBP:ARFI:42 dated 16.8.2013 has sanctioned a research project entitled :ARFI (Aerosol Radiative Forcing Over India) of ISRO-GBP" to you with financial assistance of Rs.25,00,000/- for the financial year 2013-14.

52(ii). approved your request for the following under the above sanctioned project:-

(a) The break-up of the expenditure for the financial year 2013-14 is as under:-

Sl. No.	Budget Head	Amount (Rs.in lacs)	
		1 <sup>st</sup> Year	Total
A. Non-recurring (Capital items)			
1.	Equipment: Aethalometer	22.50	23.00
	Laptop	0.50	
B. Recurring Items			
2.	JRF @ Rs.14000/- p.m. + 20% HRA	0.60	0.60
	Technical Assistant @ Rs.5000/- p.m.		
3.	Consumables	0.25	0.25
4.	Contingency	0.50	0.50
5.	Travel	0.25	0.25
6.	Over head Charges	0.40	0.40
	Total	2.00	2.00
Total Cost of the Project (A+B)		25.00	25.00

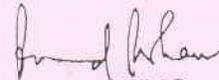
(b) Created (i) a post of JRF @ Rs.14,000/- p.m. + 20% HRA and (ii) a post of Technical Assistant @ Rs.5000/- p.m. under the above project,

(c) approved to purchase the following equipment:-

S.No.	Item	Qty.	Amount (Rs.in lacs)
1.	Aethalometer	1	22.50
2.	Laptop	1	0.50
Total			23.00

It is noted that the proposal has the financial clearance dated 7.10.2013 from the Treasurer.

The Governing Body also approved that the minor variation in the cost of individual items upto 20% within the total allocation may be made with the approval of the Director.

  
REGISTRAR

Copy to:-

- (1) The Treasurer with the request that overhead charges Rs.0.40 lacs be transferred to the Miscellaneous Income (Non-Govt. CAO Head) of the Institute as per the decision of the Governing Body vide its resolution no.20(ii) dated 20.11.2002.
- (2) The Principal, DEI Technical College
- (3) The Section Officer (Establishment)
- (4) The Head Assistant, CAO
- (5) Meeting file, CAO

DAYALBAGH EDUCATIONAL INSTITUTE  
DAYALBAGH, AGRA-282 005

No. DEI/GBMF(26102013)/1002

08 NOV 2013

To  
Prof. Rohit Srivastava  
Department of Chemistry  
Faculty of Science  
D.E.I.

I am directed to inform you that vide its resolution no.51 dated 26.10.2013, the Governing Body has-

- (i) noted that BRNS, Department of Atomic Energy (DAE), Government of India vide its letter No.2013/37C/21/BRNS/957 dated 3.7.2013 has sanctioned a research project entitled "Synthesis and Characterization of Novel Metal Oxides for Solar Hydrogen Generation via Photoelectrochemical/Photocatalytic splitting of Water" to you with financial assistance of Rs.24,96,550/- for a period of three years, as per details given below:-

Particulars	Amount (Rs.in lacs)		
	I Year	II Year	III Year
Equipment: (Local: Spray Pyrolysis unit. Imported: 300 W Xenon arc light source with power supply & housing)	11.00	Nil	Nil
Staff Salary: JRF/SRF-1 (@Rs.16,000 p.m. for first 2 years and Rs.18,000 p.m. after the completion of 2 years)	1.92	1.92	2.16
Technical Assistance (Equipment hire charges, computer charges, charges for hiring services)	0.24	0.24	0.24
Consumables	0.75	1.00	0.75
Travel: PI/CIs/JRF	0.15	0.15	0.15
PC	0.15	---	0.15
Contingencies	0.30	0.30	0.25
Overheads	1.06575	0.24825	0.25875
Grand Total	15.57	3.85	3.95

- (ii) approved the following under the above sanctioned project:-
- (a) created a post of JRF @ Rs.16,000/- p.m. for first two years and as SRF @ Rs.18,000/- p.m. after the completion of two years.
- (b) approved your request to purchase the following equipment:-

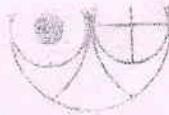
	Item	Amount (Rs. in lacs)	
(i)	Xenon Arc Light Source (Imported)	10.5	(Approx.)
(ii)	Spray Pyrolysis unit (local)	0.5	(Approx.)
	Total	11.00	

It is noted that the proposal has the financial clearance dated 16.9.2013 from the Treasurer.

The Governing Body also approved that the minor variation in the cost of individual items upto 20% within the total allocation may be made with the approval of the Director.

REGISTRAR

Copy to:-



NAVBRANGPURA, AHMEDABAD-381 005 INDIA  
CABLE : "RESEARCH" FAX : +91-(0)79-26314661  
PHONE : 26314000 E-mail : roop@prl.res.in

Prof. Shyam Lal  
Project Director, ISRO - GBP/AT - CTM

E-mail : shyam@prl.res.in  
Phone : 079 - 26314671  
Fax : 079 - 26314659

January 21, 2013

**Dr. K. Maharaj Kumari**  
Reader, Department of Chemistry  
Dayalbagh Educational Institute (DEI)  
Dayalbagh, Agra, Uttar Pradesh - 282 005

**Ref : Financial support for ISRO-GBP Environmental Observatories Project**

Dear Dr. Maharaj Kumari,

I am happy to inform you that as per your budget requirement and as recommended by the Review Committee of Atmospheric Trace gases - Chemistry, Transport and Modelling (AT - CTM) project under ISRO - GBP during the review meeting held at S.K. University, Anantapur during March 23 - 24, 2012. Rs. 25.85 lakh has been approved for the year 2012 - 13. The break-up is given below:

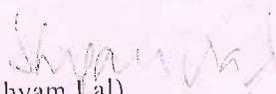
Budget : ISRO - GBP / AT - CTM	
FY : 2012 -13	
	(Rs. in lakhs)
Equipments	14.00
Consumables	6.00
Fellowship	3.00
Travel	0.50
Sub-total	23.50
Overhead	2.35
<b>Total</b>	<b>25.85</b>

Cheque (no. 41643 - in the name of concerned authority mentioned below) for the above amount is enclosed with this letter. Please note that the future budget will depend upon the progress of the project and your submission of audited statement of account at the end of financial year and a certified Utilization Certificate in respect of the money spent.

In addition to the above, you have to submit data, results and progress report as and when required. Please mention that "the financial support for this work is provided by ISRO - GBP under AT - CTM project" in all your publications and reports coming out of this work.

With warm regards,

Yours sincerely,

  
(Shyam Lal)

**No. SR/NM/NS-147/2010 (G)**

Government of India  
Ministry of Science & Technology  
Department of Science & Technology  
(Nano Mission)

Technology Bhavan  
New Mehrauli Road  
New Delhi -110 016  
Dated: **09.07.2012**

**ORDER**

Sub: Financial assistance for the research project entitled "Experimental & first-principles theoretical studies of metal oxide nanostructures for photoelectrochemical splitting of water" under the guidance of Dr. Sahab Dass, Department of Chemistry, Dayalbagh Educational Institute, Dayalbagh, Agra – 282 110 (Uttar Pradesh).

Sanction of the President is hereby accorded to the above mentioned project at a total cost of Rs. 52,00,000/- (Rupees fifty two lakh only) with break-up of Rs. 16,00,000/- under 'Grants-in-aid General' head and Rs. 36,00,000/- under 'Grants for creation of capital assets' budget heads for a duration of 3 years. The items of expenditure for which total allocation of Rs. 52,00,000/- has been approved for a period of three years are given below:

<i>Budget head</i>	<i>Amount in Rupees</i>
<b>RECURRING ITEMS (GENERAL)</b>	
<b>Manpower</b> (as per DST norms)	9,00,000
<b>JRF-One</b> @ Rs. 16000-16000-18000/- p.m. + HRA @ 20% [EQ: PG Degree in Basic Sciences and NET qualified OR Graduate Degree in professional courses and GATE or equivalent qualification] <b>Project Assistant Level-I (One)</b> @ Rs.5000/- p.m. (Consolidated)	
<b>Consumables</b>	1,60,000
<b>National Travel</b>	1,50,000
<b>Contingencies</b>	90,000
<b>Overhead Charges</b>	3,00,000
Sub Total (General )	<b>16,00,000</b>
<b>NON-RECURRING ITEMS (CAPITAL ASSETS)</b>	
<b>Equipment</b> – Table-Top Microscope (SEM)	36,00,000
Sub Total (Capital assets)	<b>36,00,000</b>
<b>Total</b>	<b>52,00,000</b>

- Sanction of the President is also accorded for payment of Rs. 5,30,400/- (Rupees five lakh thirty thousand four hundred only) under 'Grants-in-aid General' and Rs. 36,00,000/- (Rupees thirty six lakh only) under 'Grants for creation of capital assets' and to the "Registrar, Dayalbagh Educational Institute, Dayalbagh, Agra – 282 110 (Uttar Pradesh)" as first installment of the grant for implementation of the above said project.
- The amount of Rs. 5,30,400/- (Rupees five lakh thirty thousand four hundred only) will be disbursed to the "Registrar, Dayalbagh Educational Institute, Dayalbagh, Agra – 282 110 (Uttar Pradesh)" through their bank account details given below:

Bank account number	3900002100201206
Name of the bank and branch	Punjab National Bank International Banking branch, Sanjay Place Agra
RTGS/IFSC Code	PUNB0390000
MICR Code	282024102

- 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.

5. The expenditure involved is debitable to:

<b>Demand No. 85</b>	<b>Department of Science &amp; Technology</b>
<b>3425</b>	<b>Other Scientific Research (Major Head)</b>
<b>60.</b>	<b>Others: (Sub-Major Head)</b>
<b>60.200</b>	<b>Assistance to other Scientific Bodies (Minor Head)</b>
<b>36.</b>	<b>National Mission on Nano Science &amp; Nano Technology</b>
<b>36.00.31</b>	<b>Grants-in-aid General for 2012-2013 (Plan Expenditure).</b>
<b>This release is being made under Nano Mission.</b>	

6. Sanction of the grant is subject to the conditions as detailed in "Guidelines for Implementing Research Project" given on our website [www.nanomission.gov.in](http://www.nanomission.gov.in).
7. The Institute/University will furnish to the DST, utilization certificate and audited statement of accounts pertaining to the grant immediately after the end of each financial year.
8. The Institute/University will maintain separate audited accounts for this activity and would keep the whole of the grant in a bank account earning interest. The interest earned should be reported to DST while submitting the Statement of Expenditure/Utilization Certificate. The interest thus earned will be treated as a credit to the Institute/University to be adjusted towards further installment of the grant.
9. As per rule 211 of GFRs, the accounts of this grant shall be open to inspection by sanctioning authority/audit whenever the Institute/University is called upon to do so.
10. The sanction has been issued under the powers delegated to the Ministries and with the concurrence of Integrated Finance Division of Department of Science and Technology vides diary No. 100/IFD/ **2112** /2012-13 dated **09.07.2012**.
11. The sanction order is entered in the Register of Grants for Nano Mission at Sr. No. 35.

*Gaurav Aggarwal*  
(GAURAV AGGARWAL)  
Scientist-C

Copy forwarded for information and necessary action to:

1. The Principal Director of Audit, Scientific Department  
IIIrd floor, AGCR Building, I.P. Estate  
New Delhi.
2. Drawing and Disbursing Officer, DST, Cash Section.  
(Copy with two spare copies).
3. **Dr. Sahab Dass**  
Department of Chemistry  
Dayalbagh Educational Institute  
Dayalbagh  
Agra - 282 110 (Uttar Pradesh)
4. **The Registrar**  
Dayalbagh Educational Institute  
Dayalbagh  
Agra - 282 110 (Uttar Pradesh)
5. The Pay & Accounts Officer, DST.
6. Sanction folder (Nano Mission).
7. File copy.

*Gaurav Aggarwal*  
9.7.12  
(GAURAV AGGARWAL)  
Scientist-C

No SR/NM/NS-147/2010 (C)  
Government of India  
Ministry of Science & Technology  
Department of Science & Technology  
(Nano Mission)

Technology Bhavan  
New Mehrauli Road  
New Delhi -110 016  
Dated: 09.07.2012

**ORDER**

Sub: Financial assistance for the research project entitled "Experimental & first-principles theoretical studies of metal oxide nanostructures for photoelectrochemical splitting of water" under the guidance of Dr. Sahab Dass, Department of Chemistry, Dayalbagh Educational Institute, Dayalbagh, Agra - 282 110. (Uttar Pradesh).

With reference to the sanction order No. SR/NM/NS-147/2010 (G) dated 09.07.2012, sanction of the President is hereby accorded for payment of a sum of Rs. 36,00,000/- (Rupees thirty six lakh only) from "Grant for creation of capital assets" budget head in the above said project.

2. The amount of Rs. 36,00,000/- (Rupees thirty six lakh only) will be disbursed to the "Registrar, Dayalbagh Educational Institute, Dayalbagh, Agra - 282 110 (Uttar Pradesh)" through their bank account details given below:

Bank account number	3900002100201206
Name of the bank and branch	Punjab National Bank International Banking branch, Sanjay Place Agra
RTGS/IFSC Code	PUNB0390000
MICR Code	282024102

3. The expenditure involved is debitable to:

Demand No. 85	Department of Science & Technology
3425	Other Scientific Research (Major Head)
60.	Others: (Sub-Major Head)
60.200	Assistance to other Scientific Bodies (Minor Head)
36.	National Mission on Nano Science & Nano Technology
36.00.35	Grants for creation of Capital assets for 2012-2013 (Plan Expenditure)
This release is being made under Nano Mission.	

4. Sanction of the grant is subject to the conditions as detailed in "Guidelines for Implementing Research Project" given on our website [www.nanomission.gov.in](http://www.nanomission.gov.in).
5. The Institute/University will furnish to the DST, utilization certificate and audited statement of accounts pertaining to the grant immediately after the end of each financial year.
6. The Institute/University will maintain separate audited accounts for this activity and would keep the whole of the grant in a bank account earning interest. The interest earned should be reported to DST while submitting the Statement of Expenditure/Utilization Certificate. The interest thus earned will be treated as a credit to the Institute/University to be adjusted towards further installment of the grant.

Saurav Ravi  
9.7.12

7. As per rule 211 of GFRs, the accounts of this grant shall be open to inspection by sanctioning authority/audit whenever the Institute/University is called upon to do so.
8. The sanction has been issued under the powers delegated to the Ministries and with the concurrence of Integrated Finance Division of Department of Science and Technology vides diary No. 100/IFD/ 2113 /2012-13 dated 09.07.2012.
9. The sanction order is entered in the Register of Grants for Nano Mission at Sr. No. 36.

*Gaurav Aggarwal*

(GAURAV AGGARWAL)  
Scientist-C

Copy forwarded for information and necessary action to:

1. The Principal Director of Audit, Scientific Department  
IIIrd floor, AGCR Building, I.P. Estate  
New Delhi
2. Drawing and Disbursing Officer, DST, Cash Section.  
(Copy with 2 spare copies).
3.  Dr. Sahab Dass  
Department of Chemistry  
Dayalbagh Educational Institute  
Dayalbagh  
Agra – 282 110 (Uttar Pradesh)
4. The Registrar  
Dayalbagh Educational Institute  
Dayalbagh  
Agra – 282 110 (Uttar Pradesh)
5. The Pay & Accounts Officer, DST.
6. Sanction folder (Nano Mission).
7. File copy.

*Gaurav Aggarwal*  
9.7.12  
(GAURAV AGGARWAL)  
Scientist-C

**ORDER**

Project Title : **Generation, Storage and distribution of Solar Hydrogen**

Project Coordinator : **Dr. K. Muralidhar, Professor, Department of Mechanical Engineering, Indian Institute of Technology, Kanpur (IIT-Kanpur), Kanpur- 208 016, Uttar Pradesh.**

Associate Coordinator : **Dr. Raj G Pala, Assistant Professor, Department of Chemical Engineering, Indian Institute of Technology, Kanpur (IIT-Kanpur), Kanpur- 208 016, Uttar Pradesh.**

Sanction of the President is conveyed for the sanction of ₹. 7,03,13,800/- (Rupees Seven Crore Three Lakh Thirteen Thousand and Eight Hundred only) i.e. ₹. 3,05,08,200/- (Rupees Three Crore Five Lakh Eight Thousand and Two Hundred only) as the share of IIT-Kanpur, ₹. 24,48,400/- (Rupees Twenty Four Lakh Forty Eight Thousand and Four Hundred only) as the share of IIT-Madras, ₹. 50,28,400/- (Rupees Fifty Lakh Twenty Eight Thousand and Four Hundred only) as the share of NCCR-IIT(Madras), ₹. 39,63,600/- (Rupees Thirty Nine Lakh Sixty Three Thousand and Six Hundred only) as the share of IIT- Rajasthan, ₹. 90,45,600/- (Rupees Ninety Lakh Forty Five Thousand and Six Hundred only) as the share of Dayalbagh Educational Institute (DEI), Agra, ₹. 1,08,40,800/- (Rupees One Crore Eight Lakh Forty Thousand and Eight Hundred only) as the share of BARC-Mumbai and ₹. 84,78,800/- (Rupees Eighty Four Lakh Seventy Eight Thousand and Eight Hundred only) as the share of Central Electrochemical Research Institute (CECRI), Karaikudi. Out of the total cost of the project ₹. 7,03,13,800/- (Rupees Seven Crore Three Lakh Thirteen Thousand and Eight Hundred only), the break-up for ₹. 4,85,85,000/- (Rupees Four Crore Eighty Five Lakh and Eighty Five Thousand only) will be for the Capital head and ₹. 2,17,28,800/- (Rupees Two Crore Seventeen Lakh Twenty Eight Thousand and Eight Hundred only) will be under the Grant in Aid General head for a duration of 24 months. The Item of expenditure for which the total allocation of ₹. 7,03,13,800/- has been approved for a period of 24 months are given below:-

**A. Non-recurring (Capital Items)**

HEAD		1 <sup>st</sup> year	TOTAL
1.	<b>EQUIPMENTS</b> : Solar simulator 8" x 8", Solar Simulator(2.5 cm x 2.5 cm) integrated with electrochemical workstation, Computer cluster, data acquisition computing system, gas chromatograph, ultrasonic reactor, glove box, PCT measurements, Solar simulator, electrochemical workstation with impedance analyzer, IPCE measurements, spray pyrolyser, BET measurements and scanning electrochemical microscope.	₹. 4,85,85,000/-	₹. 4,85,85,000/-
Total- Capital			₹. 4,85,85,000/-

**B. Recurring Items (General)**

**a) IIT-Kanpur**

Sl.No	Item	BUDGET (in Rupees)		
		1st Year	2nd Year	TOTAL
1	<b>MANPOWER</b>			
	JRF-04 No. @ ₹ 16,000/- p.m.+ 20% HRA	₹. 9,21,600/-	₹. 9,21,600/-	₹. 18,43,200/-
	Project Assistant Level-II-01 No @ ₹ 8,000/- p.m (Fixed).	₹ 96,000/-	₹ 96,000/-	₹ 1,92,000/-
2	Consumables	₹. 15,00,000/-	₹.15,00,000/-	₹.30,00,000/-
3	Travel	₹.2,80,000/-	₹.2,80,000/-	₹.5,60,000/-
4	Contingency	₹.5,50,000/-	₹.5,50,000/-	₹.11,00,000/-
6	Overheads	₹.1,50,000/-	₹.1,50,000/-	₹.3,00,000/-
	Grand Total	₹. 34,97,600/-	₹. 34,97,600/-	₹. 69,95,200/-

*Rishu P*  
20/3/2012

## b) IIT Madras

Sl.No	Item	BUDGET (in Rupees)		
		1st Year	2nd Year	TOTAL
1	MANPOWER ✓			
	JRF-02 No. @ ₹ 16,000/-p.m.+ 30% HRA	₹. 4,99,200/-	₹. 4,99,200/-	₹. 9,98,400/-
2	Consumables ✓	₹. 4,50,000/-	₹.3,50,000/-	₹.8,00,000/-
3	Travel ✓	₹. 50,000/-	₹.1,50,000/-	₹.2,00,000/-
4	Contingency ✓	₹. 50,000/-	₹.2,50,000/-	₹.3,00,000/-
	Grand Total	₹. 10,49,200/-	₹. 12,49,200/-	₹. 22,98,400/-

## c) National Centre for Catalysis Research (IIT-Madras)

Sl.No	Item	BUDGET (in Rupees)		
		1st Year	2nd Year	TOTAL
1	MANPOWER			
	JRF-02 No. @ ₹ 16,000/-p.m.+ 30% HRA	₹. 4,99,200/-	₹. 4,99,200/-	₹. 9,98,400/-
2	Consumables	₹. 4,00,000/-	₹.4,00,000/-	₹. 8,00,000/-
3	Travel	₹. 1,00,000/-	₹.1,00,000/-	₹.2,00,000/-
4	Contingency	₹.2,00,000/-	₹.2,00,000/-	₹.4,00,000/-
5	Overheads	₹.1,50,000/-	₹.1,50,000/-	₹.3,00,000/-
	Grand Total	₹.13,49,200/-	₹. 13,49,200/-	₹. 26,98,400/-

## d) IIT- Rajasthan

Sl.No	Item	BUDGET (in Rupees)		
		1st Year	2nd Year	TOTAL
1	MANPOWER			
	Research Associate-I 1 No. each @ Rs. 22,000/-p.m. + 20% HRA → JRF added	₹. 3,16,800/-	₹. 3,16,800/-	₹. 6,33,600/-
2	Consumables ✓	₹. 2,00,000/-	₹.2,00,000/-	₹. 4,00,000/-
3	Travel ✓	₹. 50,000/-	₹.50,000/-	₹.1,00,000/-
4	Contingency ✓	₹.1,00,000/-	₹.1,00,000/-	₹.2,00,000/-
5	Overheads ✓	₹.2,00,000/-	₹.1,00,000/-	₹.3,00,000/-
	Grand Total	₹.8,66,800/-	₹. 7,66,800/-	₹. 16,33,600/-

## e) Dayalbagh Educational Institute, Agra

Sl.No	Item	BUDGET (in Rupees)		
		1st Year	2nd Year	TOTAL
1	MANPOWER			
	JRF-02 No. @ ₹ 16,000/-p.m.+ 20% HRA	₹. 4,60,800/-	₹. 4,60,800/-	₹. 9,21,600/-
	Project Assistant-Level-I-02 @ ₹. 5000/-p.m. (Fixed)	₹. 1,20,000/-	₹. 1,20,000/-	₹. 2,40,000/-
2	Consumables ✓	₹. 3,00,000/-	₹.3,00,000/-	₹. 6,00,000/-
3	Travel ✓	₹. 1,00,000/-	₹.1,00,000/-	₹.2,00,000/-
4	Contingency ✓	₹.1,50,000/-	₹.1,50,000/-	₹.3,00,000/-
5	Overheads ✓	₹.1,50,000/-	₹.1,50,000/-	₹.3,00,000/-
	Grand Total	₹.12,80,800/-	₹. 12,80,800/-	₹. 25,61,600/-

## f) BARC-Mumbai

Sl.No	Item	BUDGET (in Rupees)		
		1st Year	2nd Year	TOTAL
1	MANPOWER			
	JRF-04 No. @ ₹ 16,000/-p.m.+ 30% HRA	₹. 9,98,400/-	₹. 9,98,400/-	₹. 19,96,800/-
2	Consumables ✓	₹. 3,00,000/-	₹.3,00,000/-	₹. 6,00,000/-
3	Travel ✓	₹. 1,50,000/-	₹.1,50,000/-	₹.3,00,000/-
4	Contingency ✓	₹.1,50,000/-	₹.1,50,000/-	₹.3,00,000/-
5	Overheads ✓	₹.1,50,000/-	₹. 50,000/-	₹.2,00,000/-
	Grand Total	₹. 17,48,400/-	₹. 16,48,400/-	₹. 33,96,800/-

Stamp  
20/3/2012

## g) CECRI, Karaikudi

Sl.No	Item	BUDGET (in Rupees)		
		1st Year	2nd Year	TOTAL
1	MANPOWER	₹. 4,22,400/-	₹. 4,22,400/-	₹. 8,44,800/-
1	JRF-02 No. @ ₹ 16,000/-p.m.+ 10% HRA	₹. 4,00,000/-	₹. 4,00,000/-	₹. 8,00,000/-
2	Consumables	₹. 50,000/-	₹. 50,000/-	₹. 1,00,000/-
3	Travel ✓	₹. 1,00,000/-	₹. 1,00,000/-	₹. 2,00,000/-
4	Contingency ✓	₹. 1,50,000/-	₹. 50,000/-	₹. 2,00,000/-
5	Overheads 2.0	₹. 11,22,400/-	₹. 10,22,400/-	₹. 21,44,800/-
	Grand Total			

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

3. Sanction of the President is accorded for the payment of ₹. 4,85,85,000/- (Rupees Four Crore Eighty Five Lakh and Eighty Five Thousand only) under 'Grants for Creation of Capital Assets' and ₹. 1,09,14,400/- (Rupees One Crore Nine Lakh Fourteen Thousand and Four Hundred only) under the 'Grants-in-Aid General' being the first installment of the grant for the year 2011-12 for implementation of the said research project by the seven institutes as per the detailed break up given in the table below.

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

5. The amount of ₹. 1,09,14,400/- (Rupees One Crore Nine Lakh Fourteen Thousand and Four Hundred only) will be transferred to the following Institutes as per the given details:-

Sl.No	Organization	Amount Recurring	Bank Name	Account No	IFSC code	Branch
1	IIT-Kanpur	3497600	State bank of India	10426002126	SBIN0001161	IIT-Kanpur
2	IIT-Madras	1049200	Canara Bank	2722101001741	CNRB0002722	IIT Chennai
3	NCCR-IIT-Madras	1349200	Canara Bank	2722101001741	CNRB0002722	IIT Chennai
4	IIT-Rajasthan	866800	Bank of India	661010110003698	BKID0006610	Jodhpur
5	DEI-Agra	1280800	Punjab National Bank	3900002100201200	PUNB0390000	IBB, Agra
6	BARC-Mumbai	1748400	State bank of India	30691778808	SBIN0001268	BARC-Mumbai
7	CECRI-Karaikudi	1122400	Indian Bank	737253625	IDIB000A008	Alagappa College Campus
	TOTAL	10914400				

6. The amount involved is debitable to:

Demand No.85	Department of Science & Technology
3425	OTHER SCIENTIFIC RESEARCH (MINOR HEAD)
60	OTHERS (SUB - MAJOR HEAD)
60.200	ASSISTANCE TO OTHER SCIENTIFIC BODIES (MINOR HEAD)
26	GRANTS-IN-AID FOR TECHNOLOGY DEVELOPMENT PROGRAMME
26.00.31	GRANTS-IN-AID GENERAL (PLAN) 2011-2012 (TD)

R. Narayana  
20/3/2012

7. The sanction has been issued under the powers delegated to the Ministries and with the concurrence of the Integrated Finance Division of Department of Science & Technology vide sanction No. 100/IFD/11309/2011-2012 dated 19.03.2012 and with the approval of Head (TDT) vide his diary No. 1233 dated 02.03.2012.

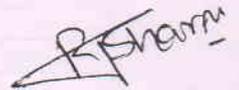
8. The institute will furnish to the DST, utilization certificate and audited statement of accounts pertaining to the grant immediately after the end of each financial year.

9. All purchases of equipments etc. would be as per GFR and the disposal of the same would be done with prior approval of DST.

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

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

12. As per GFR-39, the sanction has been entered in the grants register maintained by the Technology Development & Transfer (TDT) Division and the serial number assigned in the register for the sanction is 140

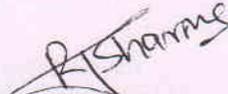
  
Rajeev Sharma  
Scientist-C

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

Copy for information and necessary action:

1. Cash Section (3 copies) for preparing the bill and remitting the amount to the above grantee.
2. Accounts Section, DST, New Delhi.
3. IFD, DST, New Delhi.
4. Director of audit (CW&M-II) AGCR Building, IP Estate, New Delhi.
5. The Registrar, Indian Institute of Technology, Kanpur (IIT-K), Kanpur-208 016, Uttar Pradesh.
6. Dr. K. Muralidhar, Professor, Department of Mechanical Engineering, Indian Institute of Technology, Kanpur (IIT-K), Kanpur-208 016, Uttar Pradesh.
7. Dr. Raj G Pala, Assistant Professor, Department of Chemical Engineering, Indian Institute of Technology, Kanpur (IIT-Kanpur), Kanpur- 208 016, Uttar Pradesh
8. The Registrar, Indian Institute of Technology, Madras (IIT-Madras), Chennai- 600 036, Tamil Nadu.
9. Prof. S. Srinivasa Murthy, Department of Mechanical Engineering, Indian Institute of Technology, Madras (IIT-Madras), Chennai- 600 036, Tamil Nadu.
10. The Director, Central Electro Chemical Research Institute (CECRI), Karaikudi- 630 006, Tamil Nadu
11. Dr. S. Ravichandran, Scientist, Electro Inorganic Division, Central Electro Chemical Research Institute (CECRI), Karaikudi- 630 006, Tamil Nadu.
12. The Director, Bhabha Atomic Research Centre (BARC), Trombay, Mumbai- 400 085, Maharashtra.
13. Dr. H.S.Sodaye, SO(E), Desalination Division, Bhabha Atomic Research Centre (BARC), Trombay, Mumbai- 400 085, Maharashtra.
14. Dr. (Smt) S.R.Bharadwaj, SO(H+), Department of Chemistry, Bhabha Atomic Research Centre (BARC), Trombay, Mumbai- 400 085, Maharashtra.

15. The Director, Indian Institute of Technology Rajasthan, (IIT-R), Old Residency Road, Ratanada, Jodhpur- 342 011, Rajasthan.
16. Dr. Rakesh K Sharma, Assistant Professor, Indian Institute of Technology Rajasthan, (IIT-R), Old Residency Road, Ratanada, Jodhpur- 342 011, Rajasthan.
17. The Director, Dayalbagh Educational Institute, Dayalbagh, Agra- 282 110, Uttar Pradesh.
18. Dr. Sahab Dass, Professor, Department of Chemistry, Dayalbagh Educational Institute, Dayalbagh, Agra- 282 110, Uttar Pradesh.
19. Dr. G.J.Samathanam, Advisor & Head (TDT Division), Department of Science & Technology, New Mehrauli Road, New Delhi-110016.
20. Sanction folder (Mr. C. Madhusudhanan, TA(E), DST).
21. FICCI Cell, DST.

  
(Rajeev Sharma)  
Scientist-C