### INDO-US SCIENCE & TECHNOLOGY FORUM

"Fulbright House" 12, Hailey Road New Delhi – 110 001

#### AWARD LETTER

IUSSTF/IIGP 2.0/University Challenge/2017-18

27th November 2017

SUB:-Award Letter towards disbursement of grants to IIGP 2.0 - University Challenge Competition - 2017.

Ref:- Grant support to University of Petroleum and Energy Studies (UPES) for project titled 'Subersible unmanned aerial vehicle-Innovation ID No: IIGPU400385'.

Indo-U.S Science & Technology Forum (IUSSTF) is hereby conveying its approval towards release of Grant-in-Aid support to UPES for implementing IIGP 2.0 – University Challenge Competition – 2017. The PI for this project would be Dr. Vindhya Devalla.

India Innovation Growth Program – IIGP 2.0 program is a collaborative Joint Program funded by Department of Science & Technology, Govt. of India, TATA Trusts and Lockheed Martin Corporation, U.S.A. IUSSTF is the coordinating and administering Institution for IIGP 2.0 program.

IIGP – University Challenge Program supports Innovative ideas to solve specific challenges in both Industrial and social sectors emerging from Academia/Universities. University Challenge competition winning teams will be provided research grant-in-aid support for developing a concept/prototype based on ideas of Innovation.

#### The details of the IIGP Award is as follows:-

Project Title

: Subersible unmanned aerial vehicle

**Project Innovation ID** 

: IIGPU400385

Project Faculty Advisor

: Dr. Vindhya Devalla (PI)

Email ID

: vdevalla@ddn.upes.ac.in

Telephone

: +91-7895663390

Project completion date

: 31 July, 2018

- The total grant-in-aid support being extended to UPES for implementation of the project will Rs. 10.00 lacs only (Rs. Ten Lakhs only) as per the Budget estimates/Heads provided.
- An additional Institutional overheads of Rs. 1.00 Lacs will be disbursed to UPES after submission of the final Project report and utilization statements.
- IIT Bombay will be the nodal Institution who will be effecting the Project evaluation & monitoring, timelines and deliverables for the University Challenge winning projects. The University Challenge Program Project will be monitored by Indian Institute of Technology Bombay and Prof. Suryanarayana Doolla is the overall coordinator for the University Challenge program and Prof. Arnab Maity (IIT Bombay) is the faculty mentor for this project.

JOSUS COMPANION

The grant-in-aid support of Rs. 10.00 Lakhs (Rs. Ten lakhs only) is being released by bank RTGS transfer as per the below details to UPES:-

Name of the Beneficiary	University of Petroleum and Energy Studies
Bank Name and Branch	Yes Bank, Ground Floor,56, Rajpur Road, Dehradun
Account No	011594600000224
Account Type	Savings Account
IFSC Code	YESB0000115
MICR Code	248532002

### The terms and conditions for the Grants in-aid support will be as follows:-

- 1. The expenditures should be strictly met as per the Budget estimates/heads provided by the Institution. For any re-appropriation of funds approval should be sought by the Institution.
- 2. No additional grants will be released towards Implementation of the project.
- 3. At the completion of the project duration, the Institution will be provide a Project completion report along with the clear deliverables and utilization statement for the approved budget heads/expenditure
- 4. All grant-in-aid Award support are subject to availability of funding either from Internal resources or external agencies, as the case may be
- 5. IUSSTF is not responsible if the funding agencies, at any given point of time, withdraws the funding support to the program due to unforeseen exigencies, or for any delays in fund release arising due to delayed receipt of funds from the funding agencies
- 6. No damages, direct or indirect, caused due to any eventualities during work, stay and travel, such as an accident, injury or illness shall be attributed to IUSSTF during the course of implementation of the Award or any period preceding/succeeding the Award.
- 7. IUSSTF reserves the right to amend its policies and priorities anytime, depending on circumstances, and such decisions shall be binding for all Awards.

Copy to:

1) Dr.Vindhya Devalla, Assistant Professor, Aerospace Department, UPES - PI of the IIGP University Challenge competition - 2017 project

R,∜aradarajan) Head (F&A)

(R/Varadarajan) Head (F&A)

- 2) Prof. Arnab Maity, IIT Bombay Faculty Mentor at IIT Bombay for IIGP University Challenge program
- 3) Prof. Suryanarayana Doolla, Department of Energy Science and Engineering, IIT Bombay, IIT Bombay -Coordinator of the IIGP University Challenge Program

## INDO-US SCIENCE & TECHNOLOGY FORUM

"Fulbright House" 12, Hailey Road New Delhi - 110 001

#### AWARD LETTER

IUSSTF/IIGP 2.0/University Challenge/2017-18

27th November 2017

SUB:-Award Letter towards disbursement of grants to IIGP 2.0 - University Challenge Competition - 2017.

Ref:- Grant support to University of Petroleum and Energy Studies (UPES) for project titled 'Symmetrical hyper loop - For management of the space debris in low earth orbit of earth - Innovation ID No: IIGPU400113'.

Indo-U.S Science & Technology Forum (IUSSTF) is hereby conveying its approval towards release of Grant-in-Aid support to UPES for implementing IIGP 2.0 - University Challenge **Competition – 2017.** The PI for this project would be Dr.Amit Kumar Mondal.

India Innovation Growth Program - IIGP 2.0 program is a collaborative Joint Program funded by Department of Science & Technology, Govt. of India, TATA Trusts and Lockheed Martin Corporation, U.S.A. IUSSTF is the coordinating and administering Institution for IIGP 2.0 program.

IIGP - University Challenge Program supports Innovative ideas to solve specific challenges in both Industrial and social sectors emerging from Academia/Universities. University Challenge competition winning teams will be provided research grant-in-aid support for developing a concept/prototype based on ideas of Innovation.

The details of the IIGP Award is as follows:-

: Symmetrical hyper loop - For management of the space Project Title

debris in low earth orbit of earth

Project Innovation ID

**Project Faculty Advisor** 

Email ID

Telephone Project completion date : IIGPU400113

: Dr. Amit Kumar Mondal (PI)

: akmondal@ddn.upes.ac.in

: +91-9557355689 : 31 July, 2018

The total grant-in-aid support being extended to UPES for implementation of the project will Rs. 10.00 lacs only (Rs. Ten Lakhs only) as per the Budget estimates/Heads provided.

An additional Institutional overheads of Rs. 1.00 Lacs will be disbursed to UPES after submission of the final Project report and utilization statements.

IIT Bombay will be the nodal Institution who will be effecting the Project evaluation & monitoring, timelines and deliverables for the University Challenge winning projects. The University Challenge Program Project will be monitored by Indian Institute of Technology Bombay and Prof. Survanarayana Doolla is the overall coordinator for the University Challenge program and Prof. PJ Guru (IIT Bombay) is the faculty mentor for this project.

3. Worddin

The grant-in-aid support of Rs. 10.00 Lakhs (Rs. Ten lakhs only) is being released by bank RTGS. transfer as per the below details to UPES:-

Name of the Beneficiary	University of Petroleum and
	Energy Studies
Bank Name and Branch	Yes Bank, Ground Floor,56, Rajpur
	Road, Dehradun
Account No	011594600000224
Account Type	Savings Account
IFSC Code	YESB0000115
MICR Code	248532002

## The terms and conditions for the Grants in-aid support will be as follows:-

- 1. The expenditures should be strictly met as per the Budget estimates/heads provided by the Institution. For any re-appropriation of funds approval should be sought by the Institution.
- 2. No additional grants will be released towards Implementation of the project.
- 3. At the completion of the project duration, the Institution will be provide a Project completion report along with the clear deliverables and utilization statement for the approved budget heads/expenditure
- 4. All grant-in-aid Award support are subject to availability of funding either from Internal resources or external agencies, as the case may be
- 5. IUSSTF is not responsible if the funding agencies, at any given point of time, withdraws the funding support to the program due to unforeseen exigencies, or for any delays in fund release arising due to delayed receipt of funds from the funding agencies
- 6. No damages, direct or indirect, caused due to any eventualities during work, stay and travel, such as an accident, injury or illness shall be attributed to IUSSTF during the course of implementation of the Award or any period preceding/succeeding the Award.
- 7. IUSSTF reserves the right to amend its policies and priorities anytime, depending on circumstances, and such decisions shall be binding for all Awards.

New Deihi (R. Varadarajan) Head (F&A)

## Copy to:

- 1) Dr. Amit Kumar Mondal, Research Faculty, R&D Department, College of Engineering Studies, UPES PI of the IIGP University Challenge competition 2017 project
- 2) Prof. PJ Guru, IIT Bombay Faculty Mentor at IIT Bombay for IIGP University Challenge program
- 3) Prof. Suryanarayana Doolla, Department of Energy Science and Engineering, IIT Bombay, IIT Bombay -Coordinator of the IIGP University Challenge Program

(R. Varadarajan) Head (F&A) FILE NO. ECR/2017/000641

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: 12-Mar-2018

ORDER

Subject: Financial Sanction of the research project titled "Investigation of fusion-fission reaction dynamics in heavy ion interactions." under the guidance of Dr. Devendra Pal Singh, Physics, University of Petroleum and Energy Studies, Energy acres, p.o bidholi (via prem nagar dehradun, Dehradun, Uttarakhand-248007 - 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. 1689600/- (Rs. Sixteen Lakh Eighty Nine Thousand Six Hundred Only) with break-up of Rs. 100000/under Capital (Non-recurring) head and Rs.1589600/- under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 1689600/- has been approved are given below: The following budget may be considered for University Of Petroleum And Energy Studies, Energy Acres, P.O Bidholi (Via Prem Nagar Dehradun

S. No	Head	Total (in Rs.)
Α	Non-recurring	
1	Equipment -> High speed computer system with laser printer and scanner etc	100000
A'	Total (Non-Recurring)	100000
В	Recurring Items	
1	Recurring - A : (Manpower) Recurring - B : (Consumables, Travel, Contingencies)	936000 500000
2	Recurring - C : (Overhead Charges)	153600
B'	Total (Recurring)	1589600
С	Total cost of the project (A' + B')	1689600

- 2. Sanction of the SERB is also accorded to the payment of
- Rs. 100000/- (Rupees One Lakh only) under 'Grants for creation of capital assets' and Rs. 529866/- (Rupees Five Lakh Twenty Nine Thousand Eight Hundred and Sixty Six only) under 'Grants-in-aid General' to Chancellor, University Of Petroleum And Energy Studies, Energy Acres, P.O Bidholi (Via Prem Nagar Dehradun
- 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 Early Career Research Award. (EC Physical & Mathematical Sciences)
- 4. The Sanction has been issued to University Of Petroleum And Energy Studies, Energy Acres, P.O Bidholi (Via Prem Nagar Dehradun with the approval of the competent authority under delegated powers on 06 March, 2018 and vide Diary No. SERB/F/10145/2017-2018 dated 09 March, 2018
- 5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website ( www.serb.gov.in).
- 6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.
- 7. While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.
- 8. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.
- 9. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

10. The release amount of Rs. 629866/- (Rupees Six Lakh Twenty Nine Thousand Eight Hundred and Sixty Six 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	University of Petroleum and Energy Studies
Account Number	SB 011594600000224
Bank Name & Branch	Yes Bank Ground Floor, 56, Rajpur Road, Dehradun
IFSC/RTGS Code	YESB0000115
Email id of A/C Holder	chancellor@upes.ac.in
Email id of PI	dpsingh19@gmail.com

- 11.The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.
- 12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.
- 13. The project File no. ECR/2017/000641 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. Magesh K K) Scientist ms\_pm@serbonline.in

To, Under Secretary SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	Dr. Devendra Pal Singh Physics University of Petroleum and Energy Studies, Energy acres, p.o bidholi (via prem nagar dehradun, Dehradun, Uttarakhand-248007 Email: dpsingh19@gmail.com Mobile: 919927668776 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	Chancellor, University Of Petroleum And Energy Studies, Energy Acres, P.O Bidholi (Via Prem Nagar Dehradun (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Magesh K K) Scientist ms\_pm@serbonline.in From: NISAR Research Announcement [mailto:nisar-ao@sac.isro.gov.in]

Sent: Monday, May 29, 2017 12:45 PM

To: neelima.niz@gmail.com; geetha.sri82@gmail.com; kgaurav@iiserb.ac.in; parul.patel@nirmauni.ac.in; arvindchandrap@yahoo.com; arvind.pandey@cuj.ac.in; madhuri.bhavsar@nirmauni.ac.in; sanjeev.kumar@sase.drdo.in; sanjeevheera@gmail.com; hareesh@npol.drdo.in; anilnpol@gmail.com; director.it@nirmauni.ac.in; kiran.yarrakula@vit.ac.in; kiranyadavphysik@gmail.com; deepakdeo2003@gmail.com; rajibfec@iitr.ac.in; rajibpanigrahi@yahoo.com; ztanish@nirmauni.ac.in; samir.patel@sot.pdpu.ac.in; mpce\_pal@yahoo.co.uk; Anil kumar < ANIL.KUMAR@DDN.UPES.AC.IN >; varsha.turkar@vit.edu.in; varshaturkar@gmail.com; prasadkvsr@yahoo.co.in; rch.dave1@gmail.com; rch.dave3@aau.in; ggponnurangam@gmail.com; rajitha@hyderabad.bits-pilani.ac.in; sandhyakiran60@yahoo.com; syedsb@rediffmail.com; alpana.botany@gmail.com; amit.kumar@cuj.ac.in; dharmfec@gmail.com; pkparida@yahoo.com; msanabada@yahoo.co.in; sandeeptrip.ifs@gmail.com; muddu@civil.iisc.ernet.in; sekhar.muddu@gmail.com; bandyo@isro.gov.in; joydeep.icar@gmail.com; sgarg@nirmauni.ac.in; prashant.iesd@bhu.ac.in; prashant.just@gmail.com; mdbehera@coral.iitkgp.ernet.in; gulab.singh@iitb.ac.in; smithaasok@gmail.com; rina.sesd@cug.ac.in; kmreenaraj@gmail.com; uday@ee.iitm.ac.in; drdebashish.chakravarty@gmail.com; dc@mining.iitkgp.ernet.in; sugata hazra@yahoo.com; tanaya.ghosh@gmail.com; hgovil.geo@nitrr.ac.in; sksahoo@prsc.gov.in; koppadag@uasd.in; chandrasekar k@nrsc.gov.in; kiranchand tr@nrsc.gov.in; hitendra@iirs.gov.in; ashish@adrin.res.in; tanumikumar@yahoo.co.in; ashutosh@iirs.gov.in; rabindrakumar nayak@nrsc.gov.in; rabin2005@rediffmail.com; shashi@iirs.gov.in; harishanker srivastava@iirs.gov.in; hari.isro@gmail.com; ashish joshi@adrin.res.in; jayasri pv@nrsc.gov.in; sauvic dutta@nrsc.gov.in; niharika k@nrsc.gov.in; bkbhadra63@gmail.com; shovan@iirs.gov.in; josephmanoj@gmail.com; joseph\_m@nrsc.gov.in; amitav.mohanty@shar.gov.in; amitav.spacekid@gmail.com; jatib@mail.vidyasagar.ac.in; jatiban@gmail.com; praveen@iirs.gov.in; bhaskarnikam@iirs.gov.in; bikashrp@gmail.com; vaibhav@iirs.gov.in; vsrathore@bitmesra.ac.in

Subject: Urgent: Decision on your project proposal and airborne SAR flight campaign in June-July 2017.

Dear Sir/Madam,

The RA office hereby informs you that your project proposal submitted under L&S Airborne SAR 'Research Announcement' has been accepted by the review committee (with minor modifications in some of the proposals, which will be communicated to you, separately) and 'in principle' budget approval has been taken from ISRO for funding to the projects. Pl. see the attached document 'L&S airborne SAR RA-Budget Proposed\_vs\_Alloted' for details of budget for your proposal. Budget for some of the projects has been revised by the expert committee, while the same for many of the projects remains unchanged.

kindly let us know if there is any discrepancy in the budget table arisen due to typo-error. The actual transfer of budget to your institutions will take some time after you furnish details of bank e-transfer for your projects.

It is also brought to your notice that due to the availability of the aircraft at a short notice, during 01 June- 10 July, this year, we are conducting AirSAR campaign over few study sites as per the details attached in the document 'Tentative plan for first phase of airborne SAR Campaign'. The campaign will start from Gujarat test sites in June. Exact dates of the campaign over different study sites is still being worked out and will be communicated to you. You are requested to plan field campaign accordingly, if you are interested in the study areas.

We'll update you with more details, soon.

Best Regards,

**Research Announcement Office** 

(L & S band Airborne SAR) 41-33, GHCAG/EPSA Space Applications Centre (ISRO) Jodhpur-Tekra Ahmedabad – 380015 (Gujarat)

Ph.: 079-2691-4133/4187/4105; Fax: 079-2691-5825

Email: nisar-ao@sac.isro.gov.in

Website: http://www.sac.gov.in

# Tec-07: Anil Kumar, University of Petroleum and Energy Studies, Dehradun

Title of the Proposal: Implementation of Evolutionary Computing Algorithm for polarimetric SAR data processing and classification

## **Budget Proposed**

## **17.7 Lakhs**

Sl.n	Item	Amount (Rs.) First Year	Amount (Rs.) Second Year	Amount (Rs.) Third Year
1.	Salaries (JRF	3,60,000	3,60,000	4,03,200
	@25000 for first two			
	years and 28000 for			
	third year + HRA)			,
2.	Consumables	10,000	10,000	10,000
3.	Travel expenses	70,000	60,000	70,000
4.	Contingencies	50,000	40,000	30,000
	Total	4,90,000	4,70,000	5,13,200
	Grand total	14,73,200		
	Institute overhead	2,94,640		
	(20% of the budget)			
	Grand total	17,67,840		

## **Budget Approved**

## 17.9 Lakhs

SI.		1st Year	2 <sup>nd</sup> Year	3rd Year	Total
no.	Budget Heads				
1.	Salaries (JRF @25000 for first two years and 28000 for third year + HRA)	3.6	3.6	4.03	11.23
2.	Consumables	0.1	0.1	0.1	0.3
3.	Travel expenses	0.7	0.6	0.7	2.0
4.	Contingencies	0.5	0.4	0.3	1.2
	Sub Total	4.9	4.7	5.13	14.73
	Institute overhead (20%)	0.98	0.94	1.26	2.94
	Total	5.88	5.64	6.39	17.9

# FILE NO. ECR/2017/000185 SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

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

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

Dated: 03-Jun-2017

Subject: Financial Sanction of the research project titled "Development of a novel technology for production of hydrocarbon fuels from mixed Plastic waste" under the guidance of Dr. Praveen kumar Ghodke, Electrical Power and Energy, University of Petroleum and Energy Studies , Energy acres, p.o bidholi (via prem nagar dehradun, Dehradun, Uttarakhand-248007 - 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. 3889600/- (Rs. Thirty Eight Lakh Eighty Nine Thousand Six Hundred Only) with break-up of Rs. 1500000/- under Capital (Non-recurring) head and Rs. 2389600/- under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 3889600/- has been approved

The following budget may be considered for University Of Petroleum And Energy Studies, Energy Acres, P.O

S. No	Head	
A	Non-recurring	Total (in Rs.)
1	Equipment -> Pyrolysis unit -> SI engine Genset	1500000
A'	Total (Non-Recurring)	
В	Recurring Items	1500000
	Recurring - A : ( Manpower, Consumables, Travel, Contingencies, Other Cost)	2036000
2	Recurring - B : (Overhead Charges)	2000000
3'	Total (Recurring)	353600
	Total cost of the project (A' + B')	2389600
		3889600

- 2. Sanction of the SERB is also accorded to the payment of
- Rs. 1500000/- (Rupees Fifteen Lakh only) under 'Grants for creation of capital assets' and Rs. 796530/- (Rupees Seven Lakh Ninety Six Thousand Five Hundred and Thirty only) under 'Grants-in-aid General' to Chancellor, University Of Petroleum And Energy Studies, Energy Acres, P.O Bidholi (Via Prem Nagar Dehradun 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 Early Career Research Award. (EC Engineering Sciences)
- 4. The Sanction has been issued to University Of Petroleum And Energy Studies, Energy Acres, P.O Bidholi (Via Prem Nagar Dehradun with the approval of the competent authority under delegated powers on 23 May, 2017 and vide Diary No. SERB/F/1267/2017-18 dated 02 June, 2017
- 5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website
- 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
- 10. The release amount of Rs. 2296530/- (Rupees Twenty Two Lakh Ninety Six Thousand Five Hundred and Thirty 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	University of Petroleum and Energy Studies
Account Number	SB011594600000224
Bank Name & Branch	YES BANK GROUND FLOOR, 56, RAJPUR ROAD, DEHRADUN
IFSC/RTGS Code	YESB0000115
Email id of A/C Holder	chancellor@upes.ac.in
Email id of PI	gpkumar@ddn.upes.ac.in

- 11. The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.
- 12. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.
- 13. The project File no. ECR/2017/000185 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. Ramesh Vijayan) SCIENTIST-C drvramesh@serb.gov.in

To, Finance & Budget Officer SERB, New Delhi

Copy forwarded for information and necessary action to: -

opy torv	varied for information and necessary action to: -
1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	Dr. Praveen kumar Ghodke Electrical Power and Energy University of Petroleum and Energy Studies, Energy acres, p.o bidholi (via prem nagar dehradun, Dehradun, Uttarakhand-248007 Email: gpkumar@ddn.upes.ac.in Mobile: 918828833291 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	Chancellor, University Of Petroleum And Energy Studies, Energy Acres, P.O Bidholi (Via Prem Nagar Dehradum) (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Ramesh Vijayan) SCIENTIST-C drvramesh@serb.gov.in