

SB/S4/ES-667/2013

SCIENCE & ENGINEERING RESEARCH BOARD

(A Statutory Body of the Department of Science and Technology, Government of India)

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

Dated: 22/09/2015

ORDER

Sub: Project proposal entitled - "Integrated Advance Geo-scientific approach for evaluation of Shale gas Potential of Permo-Triassic Shales of Kimmegundan and Mandapeta region of Krishana Godavari Basin India" under the guidance of PI: Dr. J. Devaraju, Assistant Professor (ss), College of Engineering University of Petroleum and Energy studies, Energy Acres, Bidholi Dehradun, Uttarakhand-248008 -Release of grant.

Sanction of Science & Engineering Research Board (SERB) is here by accorded to sanction this project at a total cost of **Rs.27.13 Lakhs** (Rs.19.13 lakhs under general head and 8.00 lakhs under capital head) for a period of three years as per the details given below:

<i>I. Recurring Cost</i>	I year	II year	III year	Total (Amount in Lakhs)
1. Salaries	3.60	3.60	4.03	11.23
a. JRF-I @25,000 + 20% HRA1st & 2 nd years, 28,000+ HRA for 3 rd year				
2. Consumables including data analysis	1.00	1.00	1.00	3.00
3. Field Expenses including travel	0.30	0.40	0.30	1.00
4. Contingencies	0.30	0.30	0.30	0.90
Total I	5.20	5.30	5.63	16.13
5. Non Recurring	8.00	---	---	8.00
Microscope with CCD attachment				
III. Overhead	1.00	1.00	1.00	3.00
Grand Total (I+II)	14.20	6.30	6.63	27.13

2. Sanction of SERB is also accorded to the payment of Rs.14.00 Lakhs (Rs. 6.00 lakhs under General Head & Rs. 8.00 under Capital Head) being the grant for the year 2015-16 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-ES Program.

4. The Sanction has been issued with the approval of competent authority under delegated powers and vide Diary No. SERB/F/ 4296 /2015-16 dated 21/09/2015.

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. The total release amount of Rs. 14.00 Lakhs (Rupees Fourteen Lakhs Only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed to **The University of Petroleum & Energy Bidholi Dehradun, Uttarakhand** by means of RTGS transaction as per their Bank details given below:

Accounts Name	University of Petroleum & Energy Studies
Account Number	00021010004750
Bank Name & Branch	Oriental Bank of Commerce, 17, Rajpur Road, Saklani Mansion, Dehradun.
IFSC/RTGS Code	ORBC0100002
Dr. J. Devaraju, (PI)	devraju@ddn.upes.oc.in
Dr. Prahlad Ram	prahlad@serb.gov.in

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


9. The institute will furnish to the SERB, New Delhi, separate Utilization certificates for General and Capital expenses and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

10. 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.

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

12. The institute will maintain separate audited accounts for the project and the amount of the grant will be kept in bank account earning interest. The interest earned should be reported to SERB while submitting the statement of Expenditure/Utilization Certificate. The interest thus earned will be treated as a credit to the institute to be adjusted towards further installment of the grant.

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

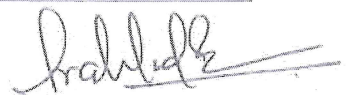

(PRAHLAD RAM)
SCIENTIST-C

To

Finance & Budget Officer, SERB, New Delhi.

Copy forwarded for information and necessary action to:-

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor, I.P. Estate, Delhi- 110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	Dr. J. Devaraju, Assistant Professor (ss), College of Engineering University of Petroleum and Energy studies, Energy Acres, Bidholi Dehradun, Uttarakhand-248008. (Email:- hspoonimadev@gmail.com) (for guidance, terms & Conditions etc. Please visit www.serb.gov.in).
5.	The University of Petroleum & Energy Bidholi Dehradun, Uttarakhand-248008. Kindly send receipt of the grant by post)


(PRAHLAD RAM)
SCIENTIST-C

No.INT/Slovenia/P-16/2014
 Government of India
 Ministry of Science & Technology
 Department of Science & Technology
 (International Division)

Dated 03.06.2015

ORDER

Sanction of the President is hereby accorded for incurring an expenditure not exceeding Rs. 17,79,075/- (Rupees seventeen lakh seventy nine thousand seventy five only) in connection with the implementation of Indo-Slovenia Joint research project entitled "Immobilisation of enzymes on various nanostructures for the fabrication of bio-sensors", under the Indo-Slovenia programme of Cooperation to be implemented by Indian P.I. Dr. Jitendra K. Pandey, Assistant Professor-SG, University of Petroleum and Earth Sciences, Energy Acres, VPO Bidholi, Prem nagar, Dehradun-248007, Uttarakhand in collaboration with Slovenian counterpart Dr. Zeljko Knez, Faculty of Chemistry and Chemical Engineering, Smetanova, University of Maribor, Slovenia, for a total duration of three years from the date of receipt of initial grant.

The composition of the team is as under:-

	Indian Side Co-PI		Slovenian Side Co-PI
Co-PI-I	Dr. Sanket Goel, University of Petroleum and Earth Sciences, Prem nagar, Dehradun	Co-PI-I	Dr. Maja Leitgeb, University of Maribor, Slovenia
Co-PI-I	Dr. Sanjay Kumar, University of Petroleum and Earth Sciences, Prem nagar, Dehradun	Co-PI-I	Dr. Mateja Primozic, University of Maribor, Slovenia

The break-up of approved expenditure is as indicated below and no reappropriation (from one budget head to the other) shall be allowed under this project

Sl.No.	Budget Head	1 st yr	2 nd yr	3 rd Year	total
1.	Number of visits (2 every year, one of 7 days by PI and one of upto 30 days by Student/Young researcher)	2 visits (37 days)	2 visits (37 days)	2 visits (37 days)	6 visits (111 days)
2.	Air Fare - Int'l air travel (shortest route) by lowest Economy class (to & fro) for visit of Indian participants to Slovenia including Domestic travel in India. Silver class medical insurance and visa fee @ Rs. 97,000/- per visit (Rs.90,000 +2,000 +5000)	1,94,000	1,94,000	1,94,000	5,82,000
3.	Accommodation charges for stay in Slovenia (@ US\$ 100/- per day @ Rs. 63 per day)	2,33,100	2,33,100	2,33,100	6,99,300
4.	Living allowance (per diem) @ US\$ 50 for short term visit and (7 days * @ US\$ 50) US\$ 40 per day for long term visits (30 days * USD 40) @ Rs. 63 per day	97,650	97,650	97,650	2,92,950
5.	Local Travel in Slovenia @ US\$ 25 per day restricted to actual and on production of bills @ Rs. 63 per day	58,275	58,275	58,275	1,74,825
5.	Consumables and Contingencies	10,000	10,000	10,000	30,000
6	Total :- (2+3+4+5+6)	5,93,025	5,93,025	5,93,025	17,79,075

Contd. . . P/2

2. Sanction of the President is also accorded for release of initial grant of Rs.5, 93, 025/- (Rupees five lakh ninety three thousand twenty five only) and the payment of this amount may be made to DDO, DST by means of electronic transfer(E-transfer) for the account of Chancellor, University of Petroleum and Energy Studies, Dehradun-248007.

-Name/Designation of account holder : Chancellor, University of Petroleum and Energy Studies, Dehradun.
-Bank Account No. : 02171010011040 (Current A/c)
- Name of Bank & Address : Oriental Bank of Commerce, Nehru Place, New Delhi.
- IFSC Code : ORBC0100217
-MICR Code : 110022020

(This sanction order being 1st installment for implementation of this project, no UC/ SE is due from the grantee institute against this project at this stage).

3. As per financial terms agreed by both sides, all expenses on visits of their Scientist will be met by the sending side.

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

5. As per MOF instructions dated 13.07.2009 all cases of air travel both domestic and international, the officials may travel only by Air India. For travel to stations not connected by Air India the officials may travel by Air India to the Hub/Point closest to their eventual destination, beyond which they may utilize the services of another airline which should also preferably be an alliance partner of Air India.

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

7. This sanction is subject to submission of Utilization Certificate (UC) and audited statement of the expenditure(SE) along with up to date progress report at the end of each financial year for the grants already received under the project and seeking specific approval of this Department for carry forward of unspent funds to the next financial year for utilization of project and list of exchange visits of scientists under the project.

8. As per latest instructions of Ministry of Finance (Department of Expenditure), Agencies will have to enter & upload the Utilization Certificate in PFMS portal besides sending it in physical form to this Division. The next installment will be released only after confirmation of the entry of Utilization Certificate in the PFMS

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

10. The expenditure involved shall be met out of the budget head under Demand No.86-Department of Science and Technology -3425-Other Scientific Research (Major Head) 60.798 International Cooperation (Minor Head) -12-S&T Cooperation with Other Countries-12.00.31-Grants-in-aid (Plan) during the year 2015-2016.

11. This issues under the delegated powers to the Ministries/Departments and with the concurrence of IFD vide Dy. No. C/1013 /IFD//2015-2016, dated 27.5.2015.

12. This Sanction Order has been entered in Grant in aid Register (2015-16) at Sl. No. 182.

(K.K. Jha)

Under Secretary to the Govt. of India

To

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

Copy to:-

1. Office of the Principal Director & Audit IIIrd Floor, AGCR Bldg., IP Estate, New Delhi
2. Cash Section, DST (3 copies)
3. IFD/Accounts Section, DST
4. Chancellor, University of Petroleum and Energy Studies, VPO Bidholi, Prem nagar, Dehradun-248007.
5. Dr. Jitendra K. Pandey, Assistant Professor-SG, University of Petroleum and Earth Sciences, Energy Acres, VPO Bidholi, Prem Nagar, Dehradun-248007, Uttarakhand.
6. Sanction folder.



(K.K. Jha)

Under Secretary to the Govt. of India

No.SR/CSRI/140/2013 (G)
Government of India
Ministry of Science & Technology
Department of Science & Technology

Technology Bhavan
New Mehrauli Road
New Delhi-110 016
Dated-10 04 2015

ORDER

Sub: Financial approval of the project under Cognitive Science Research Initiative (CSRI) entitled "Development of knowledge-based tutoring system for seismic data interpretation using visual and analytical tools integrated with intelligent tutoring"

PI: Dr. Neelu J Ahuja, Associate Professor, Department of Computer Science and Engineering, University of Petroleum and Energy Studies, Bidholi Campus, Dehradun-248007.

Sanction of the President is here by accorded to the above mentioned project at a total cost of ₹29,36,400/- (Rupees Twenty Nine Lac Thirty Six Thousand Four Hundred only) with a break up ₹ 1,60,000/- under 'Capital Head' and ₹ 27,76,400/- under 'General Head' for a duration of Three years. The items of expenditure for which the total allocation of ₹ 29,36,400/- has been approved for Three years are given below.

Sl. No.	Heads	1 st Year	2 nd Year	3 rd Year	Total
A.	Non-Recurring (Capital Items)				
	Equipment- Software	1,60,000/-	-----	-----	1,60,000/-
B.	Recurring (General)				
	Fellowship: JRF - 2 @ Rs. 25,000/M for 1 st and 2 nd year & 28,000/M for 3 rd year + HRA @ 20%	7,20,000/-	7,20,000/-	8,06,400/-	22,46,400/-
	Consumables	20,000/-	20,000/-	20,000/-	60,000/-
	Contingencies	40,000/-	30,000/-	30,000/-	1,00,000/-
	Travel	40,000/-	30,000/-	30,000/-	1,00,000/-
C.	Overhead	90,000/-	90,000/-	90,000/-	2,70,000/-
D.	Total of Recurring Grant (B+C)	9,10,000/-	8,90,000/-	9,76,400/-	27,76,400/-
E.	GRAND TOTAL (A+D)	10,70,000/-	8,90,000/-	9,76,400/-	29,36,400/-

2. Overhead expenses are meant for the host institute towards the cost for providing infrastructure facilities and benefits to the staff engaged in the project, etc. Recruitment of JRF will be done as per OM No. SR/S9/Z-09/2012 dated 21.10.2014.

3. Sanction of the grant is subject to the conditions as detailed in website www.dst.gov.in.

4. Sanction of the President is accorded to the payment of ₹ 9,10,000/- (Rupees Nine Lac Ten Thousand only) under 'Grant-in-aid General' and ₹ 1,60,000/- (Rupees One Lac Sixty Thousand only) under 'Grants for Creation of Capital Assets' to the Chancellor, University of Petroleum and Energy Studies, Bidholi Campus, Dehradun-248007 being first installment of grant for the year 2015-2016 for implementation of the said research project.

5. The expenditure involved is debatable to:
- | | |
|--------------|--|
| Demand No.86 | Department of Science & Technology |
| 3425 | Other Scientific Research (Major Head) |
| 60 | Others (Sub-Major Head) |
| 60.200 | Assistance to other Scientific Bodies (Minor Head) |
| 25 | Grants-in-aid for Research & Development Support |
| 25.01 | Research & Development Support |
| 25.01.31 | Grants-in-aid General for the year 2015-2016 (Plan Expenditure- General) |
- This release is being made **Research & Development Support Scheme.**

6. 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/ 151/(IFD)/2015-16 dated 08.04 2015.

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

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

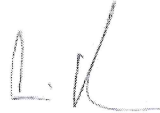
9. The amount of ₹ 9,10,000/- (Rupees Nine Lac Ten Thousand only) as recurring grant will be drawn by the Drawing and Disbursing Officer of the Department of Science & Technology and will be disbursed to the Chancellor, University of Petroleum and Energy Studies, Bidholi Campus, Dehradun-248007 by means of electronic transfer as per the details given below:

Institute Name: University of Petroleum and Energy Studies
Bank Name: Oriental Bank of Commerce
Account No: 00021010004750
Branch: 17, Rajpur Road, Dehradun
IFSC Code: ORBC0100002

10. As per Rule 211(1) of GFRs, the accounts of the project shall be open to inspection by the sanctioning authority/audit whenever the institute is called upon to do so

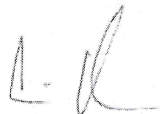
11. There is no due Pending UC from the institute for this scheme/project.

12. Sanction has been entered at Sl. No. in the Register of Grants (2015-16).


(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 DDO, DST Cash Section.
3. The Chancellor, University of Petroleum and Energy Studies, Bidholi Campus, Dehradun-248007
4. Dr. Neelu J Ahuja, Associate Professor, Department of Computer Science and Engineering, University of Petroleum and Energy Studies, Bidholi Campus, Dehradun-248007
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