

FILE No. CRG/2019/004139
SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
 (A statutory body of the Department of Science & Technology, Government of India)

5 & 5A, Lower Ground Flr
 Vasant Square-M
 Plot No. A, Community Cen
 Sector-B, Pocket-5, Vasant Ki
 New Delhi-1100

Dated: 21-May-20

ORDER

Subject: Financial Sanction of the research project titled "Invasion biology of *Ageratina adenophora* and solutions for restoring ecosystem processes in Kumaun Himalaya, Uttarakhand" under the guidance of Dr. KIRAN BARGALI, Department of Botany, Kumaun University, Nainital, Kumaun University, Ayarpatta, Nainital, ut Nainital, Uttarakhand-263002 and by Prof. SHREENDRA SINGH BARGALI, Professor, Department of Botany, Kumaun University, Nainital, Uttarakhand-263002.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of **Rs. 4622332/-** (Rs. Forty Six Lakh Twenty Two Thousand Three Hundred and Thirty Two Only) with break-up of **Rs. 2500000/-** under Capital (Non-recurring) head and **Rs. 3222332/-** under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of **Rs. 4622332/-** has been approved are given below:

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment	250000
	→ Soil core, Total Nitrogen/Phosphorus/Total organic Carbon Analyser, GPS, Double distillation unit	
A'	Total (Non-Recurring)	250000
B	Recurring Items	
1	Recurring - I (Manpower)	18500
	Recurring - II (Consumables, Travel, Contingency)	425
	Recurring - III (Scientific Social Responsibility)	200
2	Recurring - IV (Overhead Charges)	4302
B'	Total (Recurring)	21223
C	Total cost of the project (A + B')	462233

2. Sanction of the SERB is also accorded to the payment of **Rs. 2500000/-** (Rupees Twenty Five Lakh only) under 'Grants for creation of capital assets' and **Rs. 3222332/-** (Rupees Seven Lakh Twenty Thousand Seven Hundred and Seventy only) under 'Grants-in-aid General' to Registrar, Kumaun University, Nainital, Kumaun University, Ayarpatta, Nainital, UT being the first installment of the grant for the year 2020-2021 for implementation of the said research project.

3. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER)
 This release is being made under Core Research Grant, (Organismal and Evolutionary Biology/Plant Sciences)

4. The Sanction has been issued to Kumaun University, Ayarpatta, Nainital, UT with the approval of the competent authority under delegated powers on 20 May, 2020 and vide Diary No. SERB/07/131/2020-2021 dated 21 May, 2020

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-II it should be ensured that not more than Rs. 15 lakh each should be spent for travel and contingency.

8. Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activities initiated under CSR norms and under no circumstances it can be reappropriated.

9. As per rule 2(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. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

11. The release amount of **Rs. 3222332/-** (Rupees Thirty Two Lakh Twenty Thousand Seven Hundred and Seventy only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

PFMS Unique Code	RJMA0000040
Account Name	Finance Officer, K U Projects Scheme
Account Number	10161030701
Bank Name & Branch	State Bank of India, New Delhi, India

The Electronic Project Proposal Management System, For SERB

13. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.
14. The project File no. CRG/2019/004139 may also be mentioned in all research communications arising from the above project with due acknowledgment of SERB.
15. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any, beyond the duration of the project.
16. As this is the first grant being released for the project, no previous U/C is required.
17. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.
18. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.
19. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board.

To,
Under Secretary
SERB, New Delhi

(Dr. Shilpi Paul)
Scientist E
ms_ps@serbonline.in

Copy forwarded for information and necessary action to:-

1.	The Principal Director of Audit, A.C.C.R Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi
3.	File Copy
4.	Dr. KIRAN BARGALI Department of Botany, Kumaun university, Nainital Kumaun University, Ayarpatta, nainital, ut, Nainital, Uttarakhand-263002 Email: kiranbargali@yahoo.co.in Mobile: 919458939856 Prof. SURENDRA SINGH BARGALI Department Of Botany Kumaun University (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.	Registrar, Kumaun University, Nainital, Kumaun University, Ayarpatta, Nainital, UT (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Shilpi Paul)
Scientist E
ms_ps@serbonline.in

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FILE NO. SPG/2021/001439

SCIENCE & ENGINEERING RESEARCH BOARD(SERB),

(A statutory body of the Department of Science & Technology, Government of India)

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

Dated: 18 August, 2021

ORDER

Subject: Financial Sanction of the research project titled **Elucidation of anti-inflammatory and epithelial-mesenchymal transition (EMT)-inhibiting potential of traditionally edible medicinal lichens from Kumaun Himalaya** under the guidance of Dr. Penny Joshi, Chemistry, Kumaun University, Ayarpatta, Nainital, Ut, Nainital, Uttarakhand-263002 and by Dr. Santosh Kumar Upadhyay, Assistant Professor, Biotechnology, Kumaun University -Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of Rs. 2949628/- (Rs. Twenty Nine Lakh Forty Nine Thousand Six Hundred and Twenty Eight Only) with break up of Rs. 790000/- under Capital (Non-recurring) head and Rs. 2159628/- under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 2949628/- has been approved are given below:

The following budget may be considered for Kumaun University, Ayarpatta, Nainital, UT

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Microplate reader	790000
A	Total (Non-Recurring)	790000
B	Recurring Items	
1.	Recurring - I : (Manpower),	816480
	Recurring - II : (Consumables, Travel, Contingencies)	1055000
	Recurring - III : Scientific Social Responsibility	20000
2	Recurring - IV : (Overhead Charges)	268148
B'	Total (Recurring)	2159628
C	Total cost of the project (A + B')	2949628

- Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).
- Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.
- While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.
- Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activities enlisted under SSR norms and under no circumstances it can be reappropriated.
- 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.
- The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

8. The institute will furnish to the SERB, separate Utilization certificate (UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

9. 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.

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 and salary of supporting staff if any, beyond the duration of the project.

11. 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.

12. The project File no. SPG/2021/001439 should be mentioned in all communications arising from the above project. The organization/institute/university should ensure that the technical support/financial assistance provided to them by SERB should invariably be highlighted/acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

13. 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 SERB.

14. Sanction order for release of funds under a) Non-recurring and b) Recurring will be issued separately depending on the availability of funds. The project become operational from the day the first release of grant received by the implementing Institute.

Monika Agarwal
(Dr. Monika Agarwal)
Scientist F
monika@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, 11th Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	Dr. Penny Joshi Chemistry Kumaun University, Ayarpatta, Nainital, ut, Nainital, Uttarakhand-263002 Email: penny.joshi@gmail.com Mobile: 917409372939 Dr. Santosh Kumar Upadhyay Biotechnology Kumaun University (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.	Vice chancellor, Kumaun University, Ayarpatta, Nainital, UT (Receipt of Grant may be intimated by name to the undersigned)

Monika Agarwal
(Dr. Monika Agarwal)
Scientist F
monika@serb.gov.in

FILE NO. SPG/2021/001439-G
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-S, Vasant Kunj
New Delhi-110070

Dated: 18 August, 2021

ORDER

Subject: Research project entitled **Elucidation of anti-inflammatory and epithelial-mesenchymal transition (EMT)-inhibiting potential of traditionally edible medicinal lichens from Kumaun Himalaya** under the guidance of Dr. Penny Joshi, Chemistry, Kumaun University, Ayarpatta, Nainital, Ut. Nainital, Uttarakhand-263002 and by Dr. Santosh Kumar Upadhyay, Assistant Professor, Biotechnology, Kumaun University.

1. In continuation of SERB's sanction order No. SPG/2021/001439 dated 18 August, 2021, sanction of the competent authority is hereby accorded to the payment of a sum of **Rs. 732000/-** under 'Grants-in aid General' to Kumaun University, Ayarpatta, Nainital, Ut. Nainital, Uttarakhand-263002 being the grant for the financial year 2021-2022 for implementation of the above said project.

2. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in) and as mentioned in the sanction order of even number dated 18 August, 2021.

3. As this is the first grant being released under 'Grants-in-aid General' for the project, no previous U/C is required.

4. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER) This release is being made under SERB POWER Grant (General).

5. The Sanction has been issued with the approval of the competent authority on **22 July, 2021** and vide Diary No. SERB/F/1610/2021-2022 dated 22 July, 2021.

6. The release amount of Rs. 732000/- (Rupees Seven Lakh Thirty Two 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:

PFMS Unique Code	KUNRDMS
Account Name	Finance Officer, KU Project and scheme
Account Number	10860839791
Bank Name & Branch	State bank of India The Mallital, Nainital
IFSC/RTGS Code	SBIN0000687
Email id of A/C Holder	deepakjuly1980@gmail.com
Email id of PI	penny.joshi@gmail.com

(Dr. Monika Agarwal)
Scientist F
monika@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

5.	Dr. Penny Joshi Chemistry Kumaun University, Ayarpatta, nainital, ut, Nainital, Uttarakhand-263002 Email: penny.joshi@gmail.com Mobile: 917409372939 Dr. Santosh Kumar Upadhyay Biotechnology Kumaun University (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.) Vice chancellor, Kumaun University, Ayarpatta, Nainital, UT (Receipt of Grant may be intimated by name to the undersigned)
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Monika Agarwal

(Dr. Monika Agarwal)
Scientist F
monika@serb.gov.in

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F.No. DST/1M/WTI/WIC/2K17/82(G)
Government of India
Ministry of Science & Technology
Department of Science & Technology
(Technology Mission Division)

Technology Bhavan, New Delhi
Dated: 23.10.2018

Corrigendum

Subject: Financial support for project entitled "Centre for Sustainable Treatment, Reuse and Management for Efficient, Affordable and Synergistic solutions for Water (WATER-IC for SUTRAM of EASY WATER)" submitted by PI - Prof. Ligy Philip and Co-PI - Dr. T. Pradeep Indian Institute of Technology Madras, Chennai.

In continuation of the sanction order of even number dated 09.10.2018, PI is Prof Ligy Philip and Co-PI is Dr. T. Pradeep and the items of expenditure table of the above sanction maybe read as:

SNo	Item	Amount in Rs. (Lakhs)					Total
		1 st Year	2 nd Year	3 rd Year	4 th Year	5 th Year	
A	I. Capital-Equipment						
	a. IIT Madras (pg-239-243/c)						
	1). HPLC (pg. 580/c)	25.21056					25.21056
	2). Submerged Membrane Reactor (pg. 602/c)	6.0652					6.0652
	3). Lab Test Skid For MBR With Peristaltic Pump (pg. 584/c)	4.2716					4.2716
	4). ORP&Cyberscan PCD 650 (pg. 592/c)	3.28954					3.28954
	5). Ammonia, Nitrate, BOD,COD Sensors (pg. 595/c)	13.50					13.50
	6). Multi Profile Soil Moisture Recording Kit (pg. 672/c)	1.02					1.02
	7). Pulse Power Unit (pg. 626/c)	30.00					30.00
	8). Sensors,actuators - Burkert (pg. 605/c)	5.22136					5.22136
	9). Oscilloscope, Industrial PC with fittings, Server, hard disk, monitor and network	6.10934					6.10934
	10). Campbell Scientific Automatic Weather Station (pg. 683/c)	4.75954					4.75954
	11). Onset Hobo Water Level Datalogger - U20L-04 (pg. 628/c)	4.34936					4.34936
	12). fiberglass reinforced plastic (FRP) improved Cut Throat flume (pg. 625/c)	1.84481					1.84481
	13). Biolab - Centrifuge 5430R (pg. 782/c)	6.44765					6.44765
	14). Biolab - Class II Type A2 Biological 1 Cabinet (pg. 775/c)	6.28997					6.28997
	15). Biolab - BOROSIL pipettes (pg. 785/c)	0.22567					0.22567
	16). Biolab - Ecogain Incubator (pg. 773/c)	1.83010					1.83010
	17). WQ analysis - Eutech electrodes and reader unit (pg. 754/c)	5.2202					5.2202

18) Ion chromatograph with additional detectors and accessories (pg. 580/c)	10.00					10.00
19) Miniature Production Unit (pg. 767/c)	19.50					19.50
20) Merck - Spectroquant® Prove 300 with accessories for water quality analysis	5.75					5.75
21) Perkinelmer Gas chromatograph (pg. 787/c)	44.1561					44.1561
Sub-total	205.06102					205.06102
b. VIT Chennai						
1) 3 L lab scale SBR with process control (pg. 686 - 689/c)	8.925					8.925
2) 1000 L Pilot scale SBR with limited process control (pg. 684/c)	4.83					4.83
3) Laboratory orbital shakers with accessories (refrigerated (2 nos.) non refrigerated (1 no)) (pg. 674-676/c)	8.21645					8.21645
4) Magnetic stirrers 5L (3 nos.) and 10 L capacity 3 (Nos) (pg. 682-683/c)	2.3364					2.3364
5) ORP measurement probe and meter (including micro probe)	1.500					1.500
Sub-total	25.80785					25.80785
c. IIT Tirupati						
1) Compact Tube Furnaces from NABERTHERM GmbH, Germany (pg. 702-703/c)	8.82781					8.82781
2) Magnetic Stirrer From Cole-Parmer (pg. 706/c)	2.58767					2.58767
3) Sonicator From Cole-Parmer (pg. 709/c)	8.77830					8.77830
Sub-total	20.19378					20.19378
d. Anna University						
1) YSI PRODSS (pg. 752/c)	7.20164					7.20164
e. PRIST						
1) HPLC system with UV-VIS Detector (pg. 700/c)	10.03					10.03
f. CLRI						
1) Bioreactor for Online Monitoring of Carbon and Nitrogen removal (pg. 696-698/c)	11.55					11.55
2) Portable Analyzer (pg. 690-692/c)	5.244					5.244
3) Multi Parameter Water Analytic Kit (pg. 746-752/c)	8.500					8.500
Sub-total	25.294					25.294
g. CSIR-IITR						
1) Three Stage Water Filtration Units (pg. 741/c)	16.05					16.05
i. IISERB						
1) AUTOSORB (Q-MP-MP (2 STAT.) VITON (pg. 743/c)	26.349					26.349

ii. Pilot Plants						
a. IIT Madras (pg-239-243/c)	2.50	2.50	22.00	13.6212	10.00	50.6212
b. VIT Chennai	-	-	-	5.00	-	5.00
c. IIT Tirupati	-	-	-	3.00	-	3.00
Subtotal (Capital)	338.48729	2.50	22.00	21.6212	10.00	394.60849
B Recurring--General						
1. Manpower:						
1. IIT Madras						
a. 2 SRF - @ Rs. 25,000/- + 30% HRA	8.736	8.736	8.736	8.736	8.736	43.68
b. 1 JRF @ Rs. 25,000/- + 30% HRA	3.90	3.90	3.90	3.90	3.90	19.50
c. Project Coordinator -II @ Rs. 35,000/-	4.20	4.20	4.20	4.20	4.20	21.00
Sub-total	16.836	16.836	16.836	16.836	16.836	84.18
2. VIT Chennai						
SRF (Nos. 1) @ Rs. 28,000/- + 10% HRA	3.696	3.696	3.696	3.696	3.696	18.48
3. IIT Tirupati						
a. 1 SRF - @ Rs. 28,000/- + 10% HRA	3.696	3.696	3.696	3.696	3.696	18.48
4. Anna University						
a. 1 SRF - @ Rs. 28,000/- + 30% HRA	4.368	4.368	4.368	4.368	4.368	21.840
b. 1 JRF @ Rs. 25,000/- + 30% HRA	3.90	3.90	3.90	3.90	3.90	19.50
Sub-total	8.268	8.268	8.268	8.268	8.268	41.340
5. PRIST						
a. 1 SRF - @ Rs. 28,000/- + 10% HRA	3.696	3.696	3.696	3.696	3.696	18.48
6. CLRI Chennai						
SRF (Nos. 2) @ Rs. 28,000/- + 10% HRA	8.736	8.736	8.736	8.736	8.736	43.68
7. CSIR-IITR						
1 SRF - @ Rs. 28,000/- + 10% HRA	3.696	3.696	3.696	3.696	3.696	18.48
8. IISERB						
SRF (Nos. 1) @ Rs. 28,000/- + 20% HRA	4.032	4.032	4.032	4.032	4.032	20.16
9. KU						
SRF (Nos. 1) @ Rs. 28,000/- + 10% HRA	3.696	3.696	3.696	3.696	3.696	18.48
Sub-total	56.352	56.352	56.352	56.352	56.352	281.76
2 Travel						
1. IIT Madras	1.50	1.50	1.50	1.50	1.50	7.50
2. VIT Chennai	0.50	0.50	0.50	0.50	0.50	2.50
3. IIT Tirupati	0.50	0.50	0.50	0.50	0.50	2.50
4. Anna University	0.50	0.50	0.50	0.50	0.50	2.50

5. PRIST	0.50	0.50	0.50	0.50	0.50	2.50
6. CLRI	0.50	0.50	0.50	0.50	0.50	2.50
7. CSIR-IITR	0.50	0.50	0.50	0.50	0.50	2.50
8. IISERB	0.50	0.50	0.50	0.50	0.50	2.50
9. KU	0.50	0.50	0.50	0.50	0.50	2.50
Sub-total	5.50	5.50	5.50	5.50	5.50	27.50
3. Contingencies						
1. IIT Madras	0.50	0.50	0.50	0.50	0.50	2.50
2. VIT Chennai	0.20	0.20	0.20	0.20	0.20	1.00
3. IIT Tirupati	0.20	0.20	0.20	0.20	0.20	1.00
4. Anna University	0.20	0.20	0.20	0.20	0.20	1.00
5. PRIST	0.20	0.20	0.20	0.20	0.20	1.00
6. CLRI	0.40	0.40	0.40	0.40	0.40	2.00
7. CSIR-IITR	0.20	0.20	0.20	0.20	0.20	1.00
8. IISERB	0.20	0.20	0.20	0.20	0.20	1.00
9. KU	0.20	0.20	0.20	0.20	0.20	1.00
Sub-total	2.30	2.30	2.30	2.30	2.30	11.50
4. Consumables						
1. IIT Madras	14.50	15.00	15.00	14.50	6.70	65.70
2. VIT Chennai	1.50	1.50	1.75	1.75	0.70	7.20
3. IIT Tirupati	1.50	1.50	1.75	1.75	0.70	7.20
4. Anna University	0.90	0.90	0.90	0.90	0.45	4.05
5. PRIST	1.50	1.50	1.50	1.50	0.75	6.75
6. CLRI	4.50	3.50	3.50	3.00	1.25	15.75
7. CSIR-IITR	2.00	2.00	2.00	2.00	1.00	9.00
8. IISERB	2.50	2.00	2.00	2.00	0.95	9.45
9. KU	2.00	2.00	2.00	1.50	0.60	8.10
Sub-total	30.90	28.90	30.40	28.90	13.10	133.20
5. Other Cost						
1. IIT Madras - Review/Annual meeting of the project investigators and students	3.00	3.00	2.00	1.00	1.00	10.00
2. IIT Madras: International Conference/seminars/advisory committee meeting		3.00	3.00	6.00	3.00	15.00
Sub-total	3.00	6.00	5.00	7.00	4.00	25.00
6. Overhead (10%)						
1. IIT Madras	1.20	1.20	1.20	1.20	1.20	6.00
2. VIT Chennai	0.30	0.30	0.30	0.30	0.30	1.50
3. IIT Tirupati	0.30	0.30	0.30	0.30	0.30	1.50
4. Anna University	0.40	0.40	0.40	0.40	0.40	2.00
5. PRIST	0.30	0.30	0.30	0.30	0.30	1.50
6. CLRI	0.60	0.60	0.60	0.60	0.60	3.00
7. CSIR-IITR	0.30	0.30	0.30	0.30	0.30	1.50
8. IISERB	0.40	0.40	0.40	0.40	0.40	2.00
9. KU	0.20	0.20	0.20	0.20	0.20	1.00
Sub- Total	4.00	4.00	4.00	4.00	4.00	20.00
Subtotal (General)	102.052	104.052	103.552	104.052	85.252	498.960
Grand Total (A+B)	440.53929	106.552	125.552	125.6732	95.252	893.56849

2. Rest of the portions of the above referred sanction order remains unchanged and maybe treated the same.

1. Cash Section(3 copies), DST, New Delhi-for preparing the bill and remitting the amount to the grantee
2. Accounts Section, DST, New Delhi, 3. IFD, DST, New Delhi.
4. Director of Audit (CW & M-II), AGCR Building, IP Estate, New Delhi.
5. **Prof. Ligy Philip**
IIT Madras
Chennai- 600 036, India
E-mail: pradeep@iitm.ac.in
Co- PI - Prof. T. Pradeep
Department of Civil Engineering, IIT Madras
Chennai- 600 036, India
E-mail: ligy@iitm.ac.in
6. **Sanction folder**
7. **Office Copy**
8. **Head- TMD (E,W & Others)**

(Dr. Neelima Alam)
Scientist 'E'

4

SANCTION LETTER

By courier/email

No.: NRDC-HQ/220000/DPVAPP/2022-23

Date: 16-01-2023

Prof. Nanda Gopal Sahoo, FRSC
Incharge, PIRS Nanoscience and Nanotechnology Centre, and
Professor, Department of Chemistry, D.S.B. Campus
Kumaun University, Sleepy Hollow,
Nainital-263001, Uttarakhand

Sub: Financial support under NRDC Development Projects and Value Addition for Priority Projects (DPVAPP) to - "Kumaun University, Nainital" for "Scalable Synthesis of Graphene and its Derivatives from Rice Straw Waste and their Applications in Energy Storage and Water Purification".

Dear Sir/ Madam,

Kindly refer your proposal on the above noted subject submitted to us for implementation in association with NRDC under our Programme for Development of Technologies for Commercialization (PDTC) for support Development Projects and Value Addition for Priority Projects (DPVAPP)

We are glad to inform you that our Competent Authority has approved the aforesaid proposal. The maximum fund earmarked for "Scalable Synthesis of Graphene and its Derivatives from Rice Straw Waste and their Applications in Energy Storage and Water Purification" as approved and sanctioned is "Rs. 10,00,000/-" (Rupees Ten Lakh Thousand only).

Fund breakup for project: Scalable Synthesis of Graphene and its Derivatives from Rice Straw Waste and their Applications in Energy Storage and water purification.

Sl #	Particulars	Amount Sought (Rs in Lakhs)	Recommended Amount (Rs in Lakhs)
1	Manpower	2,59,200	2,50,000
2	Consumables / raw materials	4,50,000	4,50,000
3	Travel	50,000	50,000
4	Contingency	1,75,000	1,75,000
5	Overheads @10% of total project cost	93,420	75,000
Total		10,27,620	10,00,000

The advance around 75% payment i.e. Rs. 7,50,000/- (Rupees: Seven Lakh Fifty Thousand only) will be released after visit of the Project Monitoring/Review Committee to meet the initial expenses for implementation of the project. The balance payment will be released as per the guidelines of the Scheme and submission of duly certified/ audited Utilisation Certificate & statement of expenditure.

In this regard, we request you to kindly furnish the following details of your organization, your bank, authorized signatory & contact person by return email.

A	Organization	
1	Name:	Kumaun University, Nainital
2	Act under which the organization is registered or established:	U.P. State Act
3	Registered Office Address:	Kumaun University, Sleepy Hollow, Nainital-263001, Uttarakhand
4	Contact details:	
4a	Phone:	Mobile: 9456730659
4b	Mobile:	Mobile: 9456730659
4c	E-mail:	ngsahoo@yahoo.co.in, ngsahoo@kunainital.ac.in
B	Bank Details	
1	Banker:	State Bank of India
2	Bank code:	002
3	Branch code:	00687
4	Account Type:	Saving Bank
5	IFSC Number:	SBIN0000687
6	Account Number:	10860839791
7	PAN Number:/GST No.	05MRTK00722B1DX
C	Authorised Signatory of Undertaking	
1	Name:	Prof. Anand B. Melkani
2	Phone:	05942-236943
3	Mobile:	9634061752, 9456524783
4	PAN Number	302813195048
5	Aadhar No.	ABIPM5250B
6	E-mail:	melkaniand@kunainital.ac.in
D	Contact Person	
1	Name:	Prof. Nanda Gopal Sahoo
2	Phone:	9456730659
3	Mobile:	9456730659
4	E-mail:	ngsahoo@yahoo.co.in, ngsahoo@kunainital.ac.in

We request you to submit the above details along with a **cancelled Cheque** of your bank account immediately to proceed further in this matter.

Please find enclosed herewith a copy of **the undertaking to be signed** between your organization and NRDC alongwith **Guidelines** for the aforesaid purpose. You are requested to take print on **Rs.50/- stamp paper** and send original copy duly signed by authorised signatory to us for our record and releasing of payment.

Further, you are also requested to sign the **Assignment Deed** of technology if the technology is not assigned to NRDC. If you need any clarification in this regard please let us know.

With kind regards

Yours sincerely,

Dr. Ashish Kumar Srivastava

(5)

NATIONAL MISSION ON HIMALAYAN STUDIES (NMHS)
G.B. Pant National Institute of Himalayan Environment (NIHE)
Kosi-Katarmal, Almora - 263643, Uttarakhand, India

Ref. No.: NMHS/2022-23/MG 86/03/279

Date: 14.03.2023

To,
Prof. Nanda Gopal Sahoo
Kumaon University, Nainital, Sleepy Hollow
Nainital, Uttarakhand-263001

Subject: Approval of the Medium Grant (MG) for the project entitled "**Purification and Valorization through Indigenous Tailoring of Raw Polymeric waste into Advanced Multidimensional Carbon Nano Materials (PAVITRAM) for Large Scale Energy Storage applications including Supercapacitors and Batteries**"

Sir,

I am directed to convey the approval of the Competent Authority for the above-mentioned project at a total cost of **Rs. 1,90,59,320/- (Rupees One Crore Ninety Lakh Fifty Nine Thousand Three Hundred Twenty Only)** for a period of three years, as per the break-up given below:-

Head	1 st year (in Rs.)	2 nd year (in Rs.)	3 rd year (in Rs.)	Total grant
(i) Professional services: 01 RA-I @ 47,000/- + HRA @ 9% per month for three years. 01 SPF @ 23,000/- + HRA @ 9% per month for three years. 02 JPF @ 20,000/- + HRA @ 9% per month for three years. 01 JRF 31,000/- + HRA @ 9% HRA per month for three years. 01 JRF 31,000/- + HRA @ 18% HRA per month for three years. 01 JPF @ 20,000/- + HRA @ 18% per month for three years.	2566440.00	2566440.00	2566440.00	7699320.00
(ii) Training Expenses: It will include expenses/ fees paid to the training institutes/agencies/NGOs and other contingent expenses for participating in the training/ workshop.	500000.00	500000.00	0.00	1000000.00
(iii) Domestic Travel:	520000.00	520000.00	520000.00	1560000.00
(iv) Office Expenses: Including Data Entry Opratros-01 @ Rs.18,000/- fixed for month for three years and overhead charges of Rs.4.02 Lakh (Rs.1.34 Lakh for each year.) for three years, Contingency expenses maximum up to Rs. 9.52 Lakh for three years, Stationary Charges, and Minor Field Charges, hiring outreach agency.	1300000.00	1300000.00	1300000.00	3900000.00
(v) Printing & Publication:	35000.00	35000.00	30000.00	100000.00

(vii) Materials & Supplies: Charges for characterizations of synthesized materials which are XRD, EDX, SEM, FE-SEM, TEM, HR-TEM, RAMAN, XPS, and AFM etc. and for the development of prototype graphene-based pouch and coin cell Supercapacitors with the help of partners that have this pouch and coin supercapacitor machine. The running cost and annual maintenance charge of pilot plant (Waste upcycling machine SWAYAMBHU WRM-2021)	1600000.00	1600000.00	1600000.00	4800000.00
Grand Total	6521440.00	6521440.00	6016440.00	19059320.00

2. The approval of the project is subject to incorporation/compliance with the following project specific remarks/conditions:

- Focus should be on upgrading the technology for creating more demand for graphene from plastic waste.
- Local educational Institution also to be associated with the project for knowledge sharing. Besides this, the state /UT govt. departments and line agencies should be involved for whole project cycle while field implementation of the project.
- A report based on baseline data should be submitted by the project proponent in the **1st quarter of the project** since the initiation of the project. Further, the **Periodic Progress Report** of the NMHS Project along with all the supporting data generated under the NMHS Project needs to be submitted and updated on the Online Portal of the NMHS (<http://nmhsportal.org>) by the PI/ Project Proponent on **Quarterly basis** consistently. Monitoring indicators reported for the project should be able to quantify the difference made on ground.
- A Certificate should be provided that this work is not the repeat of earlier work (as a mandatory exercise).
- The roles and responsibilities of each implementing partners should be delineated properly with their budget. The budget allocations to partners should be done in accordance with the MoEF&CC guidelines. The same should be communicated to NMHS-PMU, before start of the project.
- On completion of the study, a Seminar/ Conference/ Workshop should essentially be organized by the PI/ Proponent to discuss and disseminate the findings among the experts and concerned beneficiaries/stakeholders.
- The project should avoid the printing on paper and more digital version of reports and publications should be used. Information dissemination should be done the E-channels and QR codes which are easy to operate using mobile phones and similar device.
- Any knowledge products (research/review articles, reports, conference proceedings, conference presentations, technical reports, etc.) emerging from the present project should acknowledge the grant support received from the National Mission on Himalayan Studies, referring the specific Grant no. of the project.

3. The Project Objectives, Quantifiable Deliverables and Monitoring Indicators are as follows:

Project Objectives	Quantifiable Deliverables	Monitoring Indicators
• Collection, purification and segregation of polymeric waste including waste plastic and tyre waste at project site. • Bulk scale synthesis of Carbon nano materials from recycling of polymeric waste. • Computational validation of these carbon nano materials and their performance analysis in terms of structural and electron transport properties for the designing of proto-type energy storage devices. • To use synthesized carbon nano materials	• New technology for mass scale synthesis of graphene based materials from Polymeric waste (PVC and tyre waste) • Balanced cell pack (series and parallel combination) with low ESR (milli-ohms) • Supercapacitor /Batteries and their hybrids development with enhanced energy density	• Technology developed (No.) • Start-up promoted (Nos.) • No. of Patents & publications (Nos.) • No of patents commercialized

for fabrication of Energy storage devices especially light weighed, large-scale high-performance supercapacitors and batteries for light weighed electrical vehicles.

at approx. 2KW/hr power density.
• Commercialization of technology through start-ups
• 3 patents and 4 publications

4. Sanction of the Competent Authority is also hereby conveyed for the release of **Rs. 65,21,440/- (Rupees: Sixty Five Lakh Twenty One Thousand Four Hundred Forty Only)** towards Grants-in-Aid to **Registrar, Kumaon University, Nainital, Sleepy Hollow, Nainital, Uttarakhand-263001** for the aforementioned NMHS-MG project for the Financial Year 2022-23 Plan/recurring being the 1st instalment of grants as per the following break-up.

Expenditure Head	Amount (INR)
(i) Professional services: As per above details	2566440.00
(ii) Training Expenses: As per above details	500000.00
(iii) Domestic Travel:	520000.00
(iv) Office Expenses: As per above details	1300000.00
(v) Printing & Publication: E printing	35000.00
(vii) Materials & Supplies: As per above details	1600000.00
Grand Total	6521440.00

5. The Grants-in-Aid will be regulated in accordance with the provisions contained in the guidelines of the Ministry of Environment, Forest & Climate Change, New Delhi. The Grants-in-aid is also subject to Chapter 9 of the General Financial Rules (GFRs), 2017, as amended from time-to-time, read with Government of India's decisions incorporated there under and any other guidelines which may be issued in this regard, and in particular to the following conditions:-
- A separate ledger is maintained for the purchasing of equipments/Instruments as per the provision of GFRs.
 - Engagement of staff as per the provision of GFRs and MoEF&CC guidelines given in **Appendix A**. The emoluments for the retired persons hired for the project should not exceed **Rs. 30,000/- consolidated (fixed) per month** as stipulated in the MoEF&CC guidelines.
 - Expenditure on items other than salary is incurred keeping in view the austerity measures issued on the subject, and GFR is followed by the Institute as well as regional office and other agencies receiving funds.
 - All account maintained by the concerned Organization will be subject to audit by the C&AG or internal auditors. On termination of the project, statements of accounts duly certified by the Competent Authority of the Organization shall be submitted and the unspent balance, if any, in the funds sanctioned will be refunded to G.B. Pant National Institute of Himalayan Environment (GBPNiHE), Kosi-Katarmal, Almora, Uttarakhand.
 - No cash payment is made exceeding **Rs. 20,000/-** to anybody for any expenditure. The taxes and dues are recovered and deposited in Government Account as per law.
 - The 2nd instalment will be considered only after review of progress and the expenditure of 75% of the 1st instalment released and on submission of the latest UC as per GFR format along with the Statement of Expenditure (item-wise) and signed duly by the Competent Authority. The UC shall also be verified and signed by the Chartered Accountant/Finance Officer along with the cash flow statement.
 - The UC shall be submitted along with up-to-date physical progress report (annual/ half yearly/quarterly) indicating progress made against each objective and quantifiable deliverables, both online on NMHS web portal <http://nmhsportal.org> and offline hardcopy of Annual report via speed post, certified by the

authorized person, along with data, photographs/satellite pictures, etc. The audited UC thru third party audit by Authorised Agency/CA is to be submitted Annually and with FTR.

- VIII. Assets acquired wholly or substantially out of Government grants shall not be disposed of without obtaining the prior approval of the sanctioning authority of Grants-in-aid, and a separate sheet should be enclosed with details of Assets with cost.
- IX. The accounts of concerned Organization shall be audited by C&AG or by any person/agency authorized by it on its behalf in accordance with the provisions laid down in Section 14 of the C&AG (DPC) Act, 1971 as amended from time-to-time.
- X. The internal audit party of the Principal Accounts Office of the Ministry or Department may also inspect the accounts whenever it is called upon to do so.
- XI. The Grants-in-aid will be spent exclusively in pursuance of the objectives for the project entitled **"Purification and Valorization through Indigenous Tailoring of Raw Polymeric waste into Advanced Multidimensional Carbon Nano Materials (PAVITRAM) for Large Scale Energy Storage applications Including Supercapacitors and Batteries"** as given above and for the purpose it is being sanctioned.
- XII. The Grants-in-aid is subject to the Economy Instruction(s) issued from time-to-time by the Ministry of Finance or by the Competent Authority.
- XIII. The sanction of the NMHS grant is subject to compliance with the Terms and Conditions given in **Annexure-I** and duly signing of the Bond with NMHS-PMU in the prescribed format (**Appendix B**). Compliance of all conditions mentioned in the Bond and **Annexure I** must be ensured.
- XIV. On the basis of the Terms and Conditions given in **Annexure-I**, action is being taken up for the drawal of the sanctioned amount of the first installment of the first year's grant during the Financial Year 2022-23.
- XV. The sanction of the grant is subject to the whole details with nature of work of this project under "National Mission on Himalayan Studies (NMHS)" clearly mentioned in the website/all knowledge products of the Grantee.
- XVI. **A separate saving bank account with Zero bank balance may kindly be opened in the nearby branch of Canara bank and same be mapped into the PFMS under the scheme "National Mission on Himalayan Studies (NMHS), Scheme Code-9333 and Unique Code-0125. The above grant assigned limit will be fixed into the newly opened Zero Bank Subsidiary Account (ZBSA).**
- XVII. The Project commissioned under "National Mission Himalayan Studies-Medium Grant" would be for the **tenure of three years w.e.f. 30.03.2023**. There should not be any time and cost over run in the NMHS project.
- XVIII. As per the directive of the Govt. of India, the implementing agency must be registered in **Public Financial Management System (PFMS)**. The all transactions should be done through PFMS portal only for transparency and accountability of govt. grant.
- XIX. The amount of **Rs. 65,21,440/- (Rupees: Sixty Five Lakh Twenty One Thousand Four Hundred Forty Only)** will be drawn by the Drawing and Disbursing Officer, G.B. Pant National Institute of Himalayan Environment (GBPNIHE), Kosi-Katarmal, Almora (U.K.) and disbursed to Registrar, Kumaon University, Nainital, Sleepy Hollow, Nainital, Uttarakhand-263001 thru CAN A/C. The amount will be debited in the Sub- Head as mentioned above.
6. **Please send your acceptance with the Terms and Conditions of this NMHS Grant sanction letter so that aforementioned grant assigned limit will be fix to the Head of Implementing Agency through PFMS on the designated account.**
7. Please note that following documents must be submitted before the start of the project activities.

1. Quotations for the equipments/instruments to be procured.
2. Roles and responsibilities of the partners with the budget allocated to each of them.
3. Original copy of Bond duly signed by authorized person of grantee (Rs. 100 stamp paper)

Encl.: Annexure-I
Appendix- A
Appendix- B

Yours Sincerely,



(Kireet Kumar)
Scientist 'G' & Nodal Officer
NMHS-PMU, GBP NIHE

Copy to:

1. The Registrar, Kumaon University, Nainital, Sleepy Hollow, Nainital, Uttarakhand—263001
2. Shri Raghu Kumar Kodali, Scientist- F, Mountain Division, (CS-I), Vayu Wing, 2nd Floor, Indira ParyavaranBhavan Ministry of Environment Forest & Climate Change Govt. of India, Jorbagh Road, New Delhi 110003
3. PS to Director, G.B. Pant National Institute of Himalayan Environment (GBPNiHE), Kosi-Katarmal, Almora, Uttarakhand-263643
4. Finance Officer, G.B. Pant National Institute of Himalayan Environment (GBPNiHE) , Kosi-Katarmal, Almora, Uttarakhand-263643
5. Principal Director of Audit, Scientific Department, AGCR Building, IP Estate, New Delhi-110002
6. Database team, NMHS-PMU
7. Guard File – NMHS.

(6)

FILE NO. CRG/2022/003016
SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
(A statutory body of the Department of Science & Technology, Government of India)
Science and Engineering Research Board
3rd & 4th Floor, Block II
Technology Bhavan, New Mehrauli Road
New Delhi - 110016

Dated: 09 February, 2024

ORDER

Subject: Financial Sanction of the research project titled **Insight into the enclave and granite petrogenesis from textural, chemical and isotopic investigation of K-feldspar megacrysts in the Cambrian plutons of Meghalaya Plateau, Northeast India** under the guidance of Prof. Santosh Kumar, Department of Geology, Kumaun University, Ayarpatta, nainital, ut, Nainital, Uttarakhand-263002 and by Prof. Pradeep K Goswami, Professor, Geology, Kumaun University * Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of Rs. 5837360/- (Rs. Fifty Eight Lakh Thirty Seven Thousand Three Hundred and Sixty Only) with break-up of Rs. 320000/- under Capital (Non-recurring) head and Rs. 5517360/- under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 5837360/- has been approved are given below:

The following budget may be considered for Kumaun University, Sleepy Hollow

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Motorized Hand-held driller and Corer Machines with diamond bits -> Dell Laptop	320000
A'	Total (Non-Recurring)	320000
B	Recurring Items	
1	Recurring - I : (Research Personnel) Recurring - II : (Consumables, Travel, Contingencies, Other Cost) Recurring - III : Scientific Social Responsibility	1827360 3100000 60000
2	Recurring - IV : (Overhead Charges)	530000
B'	Total (Recurring)	5517360
C	Total cost of the project (A' + B')	5837360

- Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).
- Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.
- While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.
- Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activities enlisted under SSR norms and under no circumstances it can be reappropriated.
- 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.
- The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.
- The institute will furnish to the SERB, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and



an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

9. 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.

10. The research personnel 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

11. 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.

12. The project File no. CRG/2022/003016 should be mentioned in all communications arising from the above project. The organization/institute/university should ensure that the technical support/financial assistance provided to them by SERB should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

13. 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 SERB.

14. Sanction order for release of funds under a) Non-recurring and b) Recurring will be issued separately depending on the availability of funds. The project become operational from the day the first release of grant received by the implementing Institute.

(Dr. Prahlad Ram)
Scientist E
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.	Prof. Santosh Kumar Department of Geology Kumaun University, Ayarpatta, nainital, ut, Nainital, Uttarakhand-263002 Email: skyadavan@yahoo.com Mobile: 919411197714 Prof. Pradeep K Goswami Geology Kumaun University (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.	Internal Auditor, Kumaun University, Sleepy Hollow (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Prahlad Ram)
Scientist E
prahlad@serb.gov.in

FILE NO. CRG/2022/003016-G
SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
(A statutory body of the Department of Science & Technology, Government of India)
Science and Engineering Research Board
3rd & 4th Floor, Block II
Technology Bhavan, New Mehrauli Road
New Delhi - 110016

Dated: 09 February, 2024

ORDER

Subject: Research project entitled Insight into the enclave and granite petrogenesis from textural, chemical and isotopic investigation of K-feldspar megacrysts in the Cambrian plutons of Meghalaya Plateau, Northeast India under the guidance of Prof. Santosh Kumar, Department of Geology, Kumaun University, Ayarpatta, nainital, ut, Nainital, Uttarakhand-263002 and by Prof. Pradeep K Goswami, Professor, Geology, Kumaun University.

1. In continuation of SERB's sanction order No. CRG/2022/003016 dated 09 February, 2024, sanction of the competent authority is hereby accorded to the payment of a sum of Rs. ~~1030000/-~~ under 'Grants-in-aid General' to Kumaun University, Ayarpatta, Nainital, Ut, Nainital, Uttarakhand-263002 being the grant for the financial year 2023-2024 for implementation of the above said project.
2. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in) and as mentioned in the sanction order of even number dated 09 February, 2024.
3. As this is the first grant being released under 'Grants-in-aid General' for the project, no previous U/C is required.
4. The expenditure involved is debitible to Fund for Science & Engineering Research (FSER) This release is being made under Core Research Grant (PAC Earth & Atmospheric Sciences) (General).
5. The Sanction has been issued with the approval of the competent authority on 06 February, 2024 and vide Diary No. SERB/F/12657/2023-2024 dated 08 February, 2024.
6. The release amount of Rs. ~~1030000/-~~ (Rupees Ten 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:

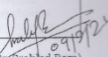
Agency Name	Kumaun University
PFMS Unique Code	KUNRDMS
Account Name	Finance Officer
Account Number	10860839791
Bank Name & Branch	State Bank of India The Mallital, Nainital
IFSC/RTGS Code	SBIN0000587
Email id of A/C Holder	deepakjuly1980@gmail.com
Email id of PI	skyadavan@yahoo.com


(Dr. Prahlad Rain)
Scientist E
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, 11th Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy

4.	Prof. Santosh Kumar Department of Geology Kumaun University, Ayarpatta, nainital, ut, Nainital, Uttarakhand-263002 Email: skyadavan@yahoo.com Mobile: 919411197714 Prof. Pradeep K Goswami Geology Kumaun University (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.	Internal Auditor, Kumaun University, Sleepy Hollow (Receipt of Grant may be intimated by name to the undersigned)


 (Dr. Prahlad Ram)
 Scientist E
prahlad@serb.gov.in

Annexure-II

Schedule of payments by BPCL to KIU

Total project amount (hereinafter referred to as "GRANT / RESEARCH FUND")

Rs. 50.76 Lakhs including applicable GST

Detail Budget Estimation:

Table 3: Project Budget Break-up

	Item	Budget, (₹)		Total, (₹)	Basis for the proposed cost
		1 st Year	2 nd Year		
A	Recurring				
1	Manpower	11.28	11.28	22.55	As per DST Guidelines
2	Consumables / raw materials	5.50	5.50	11.00	Required during lab testing
3	Travel	1.00	1.00	2.00	Required for meetings
4	Contingency	1.78	1.78	3.56	10% of manpower, travel, consumables and travel
5	Overheads	1.96	1.96	3.91	10% of project cost
	Total project cost (A)	21.51	21.51	43.02	
	GST @ 18% (B)	3.87	3.87	7.74	
	Grand total (A+B)	25.38	25.38	50.76	

Table 4: Manpower Salary Break-up

Cost Head	Basic salary, (₹)*	HRA @ 8%, (₹)	Duration, (months)	Total, (₹)
Project Scientist I	56,000	4,480	12	7,25,760
Project Associate I	31,000	2,480	12	4,01,760
				11,27,520

* As per SR/S9/Z-05/2019 Govt. of India, Ministry of Science & Technology, Department of Science & Technology, this issue with the approval of secretary, DST vide

Obj. No. EF23171 dated 21.08.2019 and concurrence of IFD, DST vide Dy. No. CDR dated 21.08.2019

Payment schedule:

1 st Instalment	30% of the sanctioned Research fund after successful completion of Deliverable-1.
2 nd Instalment	20% of the sanctioned Research fund after successful completion of Deliverable-2.
3 rd Instalment	20% of the sanctioned Research fund after successful completion of Deliverable-3.
4 th Instalment	20% of the sanctioned Research fund after successful completion of Deliverable-4.
5 th Instalment	10% of the sanctioned Research fund after successful completion of Deliverable-5.

Taxes: The BPCI shall pay GST along with each of the above payments as per the Govt. of India notification. Any changes or amendment in taxation system of Government shall be automatically applicable for each of the above payments to the extent legally required.

Note: BPCI shall release the payments within 30 days from the date of KU's invoice as per the aforementioned payment schedule.

No. DST/23(333)/SU/2002
Govt. of India
Ministry of Science & Technology
Department of Science & Technology
Seismology Division

Technology Bhavan,
New Mehrauli Road,
New Delhi - 110 016.

Dated: 08-09-2003

ORDER

Sub: Funding of the Project entitled "Seismic network in Kumaun Himalaya"

**PI : Dr. Charu C. Pant, Deptt. of Geology, Kumaun University,
Nainital - 263 002.**

In partial modification of this Deptt.'s sanction letter of even number dated 20-12-2002, sanction of the President is hereby accorded to the additional grant of Rs. 6,81,270/- (Rupees six lakhs eighty one thousand two hundred seventy only) under non-recurring head thereby revising the non-recurring cost from Rs. 27,17,000/- to Rs. 33,98,270/- and the total cost from Rs. 64,64,000/- to Rs. 71,45,270/-. The break up of Rs. 71,45,270/- is given below:-

I.	Items Recurring Cost	For three years			(In Rupees) Total
		1st Yr.	2nd Yr.	3rd Yr.	
	i) Salaries				
	a) Res. Sci- 1 10,000/-+325-15,200/- +HRA	1,92,000/-	2,01,000/-	2,06,000/-	5,99,000/-
	b) Consultant - 1 Rs. 8,000/-	96,000/-	96,000/-	96,000/-	2,88,000/-
	c) Proj. fellow - 3 Rs. 5,000/-+HRA Rs. 6,000/-p.m.	2,16,000/-	2,16,000/-	2,16,000/-	6,48,000/-
	d) Proj. Techn. - 2 Rs. 5,000/-p.m.	1,20,000/-	1,20,000/-	1,20,000/-	3,60,000/-
	e) Proj. Asst. - 1 Rs. 3,500/-p.m.	42,000/-	42,000/-	42,000/-	1,26,000/-
	f) Driver - 1	42,000/-	42,000/-	42,000/-	1,26,000/-
	ii) Consumables	1,00,000/-	1,50,000/-	1,00,000/-	3,50,000/-
	iii) Travel	1,00,000/-	1,00,000/-	1,00,000/-	3,00,000/-
	iv) Contingencies & other cost	2,50,000/-	2,00,000/-	2,00,000/-	6,50,000/-
	Total - I	11,58,000/-	12,67,000/-	11,22,000/-	34,47,000/-

II. Non-Recurring

i) Broadband seismographs
including 3 component

30,70,270/-

Contd.2/-

Project Cell
✓
Registration
15/9

- seismometer & required accessories with handling charges etc.
- ii) Batteries & Battery charger, Solar panel with charger
- iii) Computer workstation, Laser Printer, HP ScanJet
- iv) UPS
- v) Vehicle Repair

88,000/-

1,25,000/-

30,000/-

85,000/-

Total - II Rs. 33,98,270/-

III. Overhead

Total - I+II+III 71,45,270/-

2. Sanction of the President is hereby also accorded to the payment of Rs. 6,81,270/- (Rupees six lakhs eighty one thousand two hundred seventy only) to the Registrar, Kumaun University, Nainital - 263 002 for the year 2003-2004 under non-recurring head for implementation of the said project.

3. Sanction of the grant is subject to the conditions as detailed in Annexure-I of the Deptt. 's sanction letter of even number dated 20-12-2002.

4. As per Rule 150(i) of GFR the accounts of grantee institution shall be open to inspection by the sanctioning authority/audit whenever the Instt. Is called upon to do so.

5. The expenditure involved is debitable to Demand No. 80 Department. of Science & Technology.

3425

60

60.200

25

25.01

25.01.31

- Other Scientific Research (Major Head)
- Others (Sub-Major Head)
- Assistance to Other Scientific Bodies (Minor Head)
- Research & Development Support
- Grants-in-aid for R&D Support
- Grants-in-aid for the year 2003-2004 pertains to the Seismicity Budget Head (Plan Expenditure)

6. The provision of the GFR 151(I) relating to U/C's for the funds released are not applicable at this stage.

7. The provision of project staff is co-terminus with the duration of the project and DST would have no liability towards such manpower costs beyond the duration of the project.

Contd.3/-

8. The sanction has been issued under the powers delegated to the Ministries and with the concurrence of the IF Division of DST vide their Dy. No. 100/IFD/2581/2003-2004 dated 08/09-2003.

9. The amount will be drawn by the Drawing and Disbursing Officer, Deptt. of Science & Technology and will be disbursed to **the Registrar, Kumaun University, Nainital - 263 002.**

G.D. Gupta
(G.D. Gupta)
Scientist 'G'

To The Pay and Accounts Officer, DST, New Delhi - 100 016.

Copy forwarded for information & necessary action to:

- ✓ 1. The Registrar, Kumaun University, Nainital - 263 002
2. Dr. Charu C. Pant, Deptt. of Geology, Kumaun University, Nainital - 263 002.
3. Principal Director of Audit, Scientific Dept., 3rd floor, AGCR Building, I.P. Estate, New Delhi - 110 002.
4. DDO, DST, Cash Section, with two spare copies for making necessary payment to the Grantee.
5. IF Division/Accounts Section, DST, New Delhi.
6. Sanction Folder/File copy.
7. DS(F)/Head (SERC)/JA (RC).

G.D. Gupta
(G.D. Gupta)
Scientist 'G'

Uttarakhand Council For Biotechnology

Department of Agriculture, Govt. of Uttarakhand
Biotech Bhavan, Haldi (263146), Distt. U.S. Nagar, Uttarakhand
(Ph. 05944-230567 Email: statebiotech@rediffmail.com)

No. UBC/R&D Project/2022/ 198

Date 05/03/2022

OFFICE ORDER

As per the recommendation of project review committee, UCB has been pleased to sanction R&D project entitled "Hydroponics, Supplementary livelihood option for vegetables/fruits cultivation" for a period of three years with total cost of Rs. 9,92,000/- (Rupees Nine Lakh Ninety Two Thousand Only) on the terms and conditions detailed here under:-

1. The Project
1.1 Title
"Hydroponics, Supplementary livelihood option for vegetables/fruits cultivation"
- 1.2 Project Investigator :
Dr. Sushma Tamta (Associate Professor), Department of Botany, D.S.B campus, Kumaun University, Nainital
2. Objectives:-
 - i. Standardization of different hydroponic methods for different food plants (vegetables/fruits)
 - ii. Selection of best methods for high yield of individual vegetable/fruit
 - iii. Demonstration of developed technique among the villagers/interested people
3. Consolidated Budget for the total project duration: -

Sl. No.	Items	1 st Year (Rs.)	2 nd Year (Rs.)	3 rd Year (Rs.)	Amount (in Rs.)
1.	Non-Recurring - Equipments	1,20,000.00	-	-	1,20,000.00
2.	Recurring				
(i)	Manpower JRF @12000/- per month	1,44,000.00	1,44,000.00	1,44,000.00	4,32,000.00
(ii)	Consumables	90,000.00	90,000.00	90,000.00	2,70,000.00
(iii)	Travel	10,000.00	10,000.00	30,000.00	50,000.00
(iv)	Contingency	20,000.00	20,000.00	20,000.00	60,000.00
(v)	Overhead Charges	20,000.00	20,000.00	20,000.00	60,000.00
	Total	4,04,000.00	2,84,000.00	3,04,000.00	9,92,000.00

Note: Project Investigator is requested to intimate our officer for willingness to take up the above cited project with suggested modification within this budget for stipulated time period.

Contd.....

4. Terms & Conditions:

- i. The amount will be used by the institution/concerned office only for the purpose it has been sanctioned. The Amount will be used towards the expenditure for above cited project with stated objectives, milestone and timelines expressed thereof.
- ii. As per the rules the account of project shall be open to inspection by sanctioning authority whenever the institute is called upon to do so.
- iii. The institute will furnish to the department, utilization certificate of accounts pertaining to the grant, immediately after the end of the financial year.
- iv. Progress report and utilization certificate (as per UCB format) will be sent to this office by the PI through head of the institution in two hard copies and one soft copy (in Hindi and English).
- v. Kindly show the bank interest, if any, earned on the funds transferred by UCB as the same is required to be added in the capital fund amount released/being released.
- vi. The date of project will be as on the date of office order released.
- vii. No International travel will be undertaken from the sanctioned project grant unless specified otherwise.
- viii. Other terms and conditions are as per the Uttarakhand Council For Biotechnology, Govt. of Uttarakhand.


Director, UCB

Copy for information and necessary action to:-

1. Project Cell, UCB, Haldi
2. Accounts, UCB, Haldi
3. Dr. Sushma Tamta (Associate Professor), Department of Botany, D.S.B campus, Kumaun University, Nainital
- ✓ 4. The Registrar, Kumaun University, Nainital


Director, UCB

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Uttarakhand Science Education & Research Centre
Department of Information & Science Technology, Govt. of Uttarakhand
21/4 EC Road, Dehradun (UK), Email: u.serc@rediffmail.com
Tel: 0135 2710302; Website: www.userc.in

OFFICE ORDER

Letter No. USERC/2022-23/341

Date: 26 September -2022

Subject: Regarding approval for project proposal "Capacity building and skill development in rural areas using integrated pharming practices for livelihood management and health care in Uttarakhand".

USERC is pleased to inform that the project proposal entitled "Capacity building and skill development in rural areas using integrated pharming practices for livelihood management and health care in Uttarakhand" has been approved by competent authority of USERC. As the expected outcome of this event will strengthen the activities of the USERC and help it in building up strong research base for policy intervention, I am pleased to convey the sanction of Rs. 1,30,000/- (Rupees one lakh Thirty-thousand only) and release of 1,17,000 (Rupees one lakh seventy thousand only) for the above proposal as per budgetary provisions.

S. N.	Name of the project	Durations	P.I./ Organizing Secretary & Organization	Sanctioned amount (Head wise)	1 st Installment	2 nd Installment	Remarks
1	"Capacity building and skill development in rural areas using integrated pharming practices for livelihood management and health care in Uttarakhand"	1 Year	Dr. Mahendra Rana Centre for Excellence in Himalayan Medicinal Plants and Nanotechnology, Sir J.C. Bose Technical campus, Bhimtal (Kumaun Univ. Nainital)	1- Survey tool and equipment -30,000/- 2-TA/DA- Rs.40,000 3-Capacity Building workshop-50,000/- 4-Contingency-10,000/- Total- Rs. 1,30,000/-	Rs.1,17,000/-	Rs.13,000/-	Duration year

This is to further note that there is a need to mention the Logo and name of USERC on every printing and publicity material of this event. Expenses (Honorarium/ Travel) etc is to be incurred as per guidelines of USERC and Govt. of Uttarakhand as amended time to time. At completion of this event, P.I. need to submit a brief report along with photographs & press clippings with in 24 hrs of event on USERC Email ID: userc.cp2022@gmail.com for uploading on our website. Your organization needs to submit audited detailed report of the event (in duplicate) along with photographs, news paper clips etc. PI also needs to submit completion/ utilization certificate (in duplicate) of the sanctioned grant/Statement of accounts signed by finance controller/finance officer within the 15 days of program. All the essential documents need to be submitted or sent to USERC.

Copy to:

1. Vice Chancellor, Kumaun University, Nainital
2. Registrar, Kumaun University, Nainital
3. Finance Officer, Sir J.C. Bose Technical campus, Bhimtal
4. Dr. Mahendra Rana Centre for Excellence in Himalayan Medicinal Plants and Nanotechnology
5. Accounts Department, USERC for necessary action
6. Guard file USERC

Direct

Address

Gmail - Fwd: Regarding Account information

Thanks & regards,
Uttarakhand Science Education and Research Centre (USERC),
Department of Information & Science Technology,
Government of Uttarakhand
Tel: 0135 2710302
Website: www.userc.in
Youtube: www.youtube.com/channel/UCDHZvHQBFRdJfSD5MES9EA
Twitter: www.twitter.com/usercindia
Facebook: www.fb.com/usercindia

2 attachments

-  **Dr. Mahendra Rana (sanction letter userc).pdf**
67K
-  **USERC collaborative Project Dr. Mahendra Rana.pdf**
695K

Sl.	Items	Year (Rs.)	Year (Rs.)	Amount (Rs.)
		2018-19	2019-20	
1	Salaries & allowances	1,00,00,000	1,00,00,000	2,00,00,000
2	Medical Expenses	10,00,000	10,00,000	20,00,000
3	Travel	20,00,000	20,00,000	40,00,000
4	Communication	10,00,000	10,00,000	20,00,000
5	Training & Development	10,00,000	10,00,000	20,00,000
	Total	1,50,00,000	1,50,00,000	3,00,00,000

Note: Project Investigator is requested to indicate any officer for willingness to take up the above stated project with suggested modifications within this budget for stipulated time period.

Contd.

Uttarakhand Council For Biotechnology

Department of Agriculture, C
Biotech Bhavan, Haldi (263146), Dis
(Ph. 05944-230567 Email:stateb

Uttarakhand
Nagar, Uttarakhand
jiffmail.com)

No. UCB/R&D Project/2022/ 172

Date 02/01/2022

OFFICE ORDER

As per the recommendation of project review committee entitled "Green synthesis of nanoparticles from medicinal Himalayan region and establishment of its micropropagation protocol" cost of Rs. 5,60,000/- (Rupees Five Lakh Sixty Thousand under:-

as been pleased to sanction R&D project entitled "Green synthesis of nanoparticles from medicinal Cannabis species of Uttarakhand protocol" for a period of two years with total cost of Rs. 5,60,000/- (Rupees Five Lakh Sixty Thousand) on the terms and conditions detailed here under:-

1. The Project

1.1 Title

"Green synthesis of nanoparticles from medicinal/industrial Cannabis species of Uttarakhand Himalayan region and establishment of its micropropagation protocol"

1.2 Project Investigator :

Dr. Tapan Kumar Nailwal, Sr. Associate Professor (PI) Deptt. of Biotechnology, Sir J.C. Bose Technical Campus, Kumaun University, Nainital
Dr. Anirban Dandapat, Assistant Professor (Co-PI) Deptt. of Chemistry, DSB Campus, Kumaun University, Nainital

2. Consolidated Budget for the total project duration: -

Sl. No.	Items	1 st Year (Rs.)	2 nd Year (Rs.)	Amount (in Rs.)
1.	Non-Recurring - Equipments	None	None	None
2.	Recurring			
(i)	Manpower Lab Assistant @10,000/-PM	1,20,000.00	1,20,000.00	2,40,000.00
(ii)	Consumables	1,00,000.00	1,00,000.00	2,00,000.00
(iii)	Travel	20,000.00	20,000.00	40,000.00
(iv)	Contingency	20,000.00	20,000.00	40,000.00
(v)	Overhead Charges	20,000.00	20,000.00	40,000.00
	Total	2,80,000.00	2,80,000.00	5,60,000.00

Note: Project Investigator is requested to intimate our officer for willingness to take up the above cited project with suggested modification within this budget for stipulated time period.

Conti.....

3. Terms & Conditions:

- The amount will be used by the institution/concerned office only for the purpose it has been sanctioned. The Amount will be used towards the expenditure for above cited project with stated objectives, milestone and timelines expressed thereof.
- As per the rules the account of project shall be open to inspection by sanctioning authority whenever the institute is called upon to do so.
- The institute will furnish to the department, utilization certificate of accounts pertaining to the grant, immediately after the end of the financial year.
- Progress report and utilization certificate (as per UCB format) will be sent to this office by the PI through head of the institution in two hard copies and one soft copy (in Hindi and English).
- Kindly show the bank interest, if any, earned on the funds transferred by UCB as the same is required to be added in the capital fund amount released/being released.
- The date of project will be as on the date of office order released.
- No International travel will be undertaken from the sanctioned project grant unless specified otherwise.
- Other terms and conditions are as per the Uttarakhand Council For Biotechnology, Govt. of Uttarakhand.

(Dr. Sanjay Kumar)
Director, UCB

Copy for information and necessary action to:

- Project Cell, UCB, Haldi
- Accounts, UCB, Haldi
- Dr. Anirban Dandapat (Co-PI) Assistant Professor, Deptt. of Chemistry, DSB Campus, Kumaun University, Nainital
- Dr. Tapan Kumar Nailwal (Sr. Associate Professor) Deptt. of Biotechnology, Sir J.C. Bose Technical Campus, Kumaun University, Nainital
- The Registrar, Kumaun University, Nainital

(Dr. Sanjay Kumar)
Director, UCB

12



गोविन्द बल्लभ पन्त राष्ट्रीय हिमालयी पर्यावरण संस्था
G. B. Pant National Institute of Himalayan Environment
(An Autonomous Institute of Ministry of Environment, Forest and Climate Change, Govt. of India)
Kosi-Katarmal, Almora - 263 643, Uttarakhand, India

No.: GBPI/IERP/22-23/29/103

Date: 30 March 2023

To,
The Registrar,
Kumaun University,
Nainital -263 601,
Uttarakhand.

Subject: Financial assistance for the project entitled "Conservation of selected Ethno-Medicinally important plants of Kumaun Himalaya" under the guidance of Dr. Lalit M. Tewari, Department of Botany, DSB Campus, Kumaun University, Nainital, Uttarakhand, as a Principal Investigator (PI).

Sir,

I am directed to convey the sanction of the above-mentioned project at a total cost of Rs. 12,93,600/- (Rs. Twelve lakh ninety three thousand six hundred only) for three years as per break-up given below:

Heads	First Year (in Rs.)	Second Year (in Rs.)	Third Year (in Rs.)	Total (in Rs.)
A. Salaries/Wages (i) Junior Project Fellow, JPF* (One) @ Rs. 20,000 p.m.(fixed)	2,40,000/-	2,40,000/-	2,40,000/-	7,20,000/-
B. Consumable (Chemicals and Glassware, etc.)	50,000/-	50,000/-	40,000/-	1,40,000/-
C. Travel/POL	50,000/-	50,000/-	50,000/-	1,50,000/-
D. Contingencies (including cost of preparation of APR/FTR/PC, etc.)	50,000/-	50,000/-	50,000/-	1,50,000/-
E. Non-Consumables/ Equipment GPS -1	16,000/-	-	-	16,000/-
Total (A to E)	4,06,000/-	3,90,000/-	3,80,000/-	11,76,000/-
F. Institutional/Overhead Charges 10%**				1,17,600/-
Grand Total (A to F)	4,06,000/-	3,90,000/-	3,90,000/-	12,93,600/-

* The Junior Project Fellow (JPF) should be selected through open advertisement and may be encouraged to register for higher degree.

** Institutional/Overhead Charges (based on the actual expenditures incurred) for the complete tenure of the project will be processed/released by the Institute only on receipt of all the

requisite project documents [including Final Technical Report (FTR), etc.] as well as a requisite certificate from the grantee organization/PI after the completion of the project.

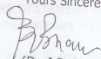
2. Sanction is also accorded for the release of an amount of Rs. 4,06,000/- (Rs. Four lakh six thousand only) as first installment of the grant for the first year as per details given below -

Head of expenditure	Amount (in Rs.)
(a) Salary	2,40,000/-
(b) Consumable	50,000/-
(c) Travel/POL	50,000/-
(d) Contingency	50,000/-
(e) Non-Consumable Equipment	16,000/-
Total	4,06,000/-

3. The sanction of the grant is subject to the conditions given in Annexure - I.
4. On the basis of the terms and conditions given in Annexure - I, action is being taken up for the drawl of the sanctioned amount of the first installment of the first year's grant during the financial year 2023-2023.
5. The Drawing and Disbursing Officer, G.B. Pant Institute of Himalayan Environment, will draw the amount of Rs. 4,06,000/- (Rs. Four lakh six thousand only) Kosi-Katarmal, Almora, Uttarakhand. They will be disbursed through NEFT/RTGS/PFMS in favour of **the Registrar, Kumaun University, Nainital, Uttarakhand.**
6. The amount will be debitible to major Head "IERP" under sub-head 'Support to Project (External)' for the period 2022-2023.
7. The sanction has been issued under the powers delegated to the Institute and with the concurrence of the Competent Authority.

Encl.: Annexure - I.

Yours Sincerely,


(Dr. I.D. Bhatt)

Scientist-in-Charge, IERP

Govind Ballabh Pant Institute of
Himalayan Environment & Development,
KOSI-Katarmal-ALMORA-245443

Copy for information and necessary action to:

1. The Accounts Officer, GBPNIE, Kosi-Katarmal, Almora, Uttarakhand, for necessary action (2 copies).
2. **Dr. Lalit M. Tewari**, Department of Botany, DSB Campus, Kumaun University, Nainital - 263 002, Uttarakhand. **Annexure - I (IERP guidelines)** is enclosed herewith for your ready reference. Please send your acceptance for the terms and conditions of this sanction letter so that the sanctioned amount could be sent.

I. Following may please be ensured/noted.

1. The P.I. need to address the suggestions made by Committee in the project activities with due reporting to GBPNIHE regarding how these minor changes will be addressed.
2. The project focuses on the conservation of selected ethno-therapeutically important species. However, the status of the species in the natural habitat and social and cultural linkages need to be incorporated. *It is suggested to provide 100 plants of each species to the GBPNIHE.*
3. The PI will present the progress report of the project work in front of the Project Evaluation Committee (PEC) & Expert panel as and when asked by the funding agency. The Contingency head of the project grant will meet the expenditure.
4. As soon as the project is started as per the terms and conditions of the project grant, the date of start of the project and the date of joining of the sanctioned project staff, along with a copy of the selection committee's report, should be communicated to the Institute.
5. The project grant sanctioned as above is final and will not be enhanced under any head of the project in view of the decision of the PEC.
6. The Institute will release the grants from the 2nd year onwards based on the actual expenditures (which should not exceed the original sanction) incurred in the previous year by the Principal Investigator/grantee organization.

II. Please note that the second year's grant under the project will be processed/released by the Institute upon receipt of the following documents.

- 1) Soft copy of the **Annual Progress Report** in advance through e-mail (ierp@rediffmail.com).
 - 2) First year's detailed ANNUAL PROGRESS REPORT (5 copies; duly bound) as per outlines given in Appendix IV (attached with Annexure – I)
 - 3) UTILIZATION CERTIFICATE and EXPENDITURE STATEMENT for the project's first year, as outlined in Appendix II and III (attached with Annexure – I).
 - 4) Refund of **BANK INTEREST** of the project grant if any, through NEFT **GBPNIHE-GIA-General, A/c No. 3604013559, Central Bank of India, IFSC : CBIN0281528**, and send the proof of deposit amount to the Institute.
3. Sanction folder/G.F.
4. Office copy to the project file.

(I.D. Bhatt)
Scientist-in-Charge, IERP

Project cell
for me
Resister
17/4/23

(13) (14)

FILE NO. SCP/2022/000051
SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
 (A statutory body of the Department of Science & Technology, Government of India)
 Science and Engineering Research Board
 3rd & 4th Floor, Block II
 Technology Bhavan, New Mehrauli Road
 New Delhi - 110016

Dated: 27 July, 2023

ORDER

Subject: Financial Sanction of the research project titled "Water relations, drought adaptation and phenological variations due to climate change in *Quercus floribunda* dominated forests in the Western Himalayan region of Uttarakhand" under the guidance of Dr. Ashish Tewari, Forestry and Environmental Science, Kumaun University, Ayarpatta, Nainital, ut, Nainital, Uttarakhand-263002 and by Prof. Lalit Mohan Tewari, Professor, Department Of Botany DSB Campus, Kumaun University - Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of Rs. 3627657/- (Rs. Thirty Six Lakh Twenty Seven Thousand Six Hundred and Fifty Seven Only) with break-up of Rs. 760510/- under Capital (Non-recurring) head and Rs. 2867147/- under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 3627657/- has been approved are given below:

The following budget may be considered for Kumaun University, Ayarpatta, Nainital, UT

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Seed Leachate Conductivity meter -> Pressure Chamber	760510
A'	<i>Total (Non-Recurring)</i>	760510
B	Recurring Items	
1	Recurring - I : (Research Personnel) Recurring - II : (Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	1827360 650000 60000
2	Recurring - IV : (Overhead Charges)	329787
B'	<i>Total (Recurring)</i>	2867147
C	Total cost of the project (A' + B')	3627657

- Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).
- Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.
- While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.
- Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activities enlisted under SSR norms and under no circumstances it can be reappropriated.
- 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.
- The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.
- The institute will furnish to the SERB, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.
- 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

ed as credit to the institute to be adjusted towards further installment of the grant.

j. The research personnel 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

11. 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.

12. The project File no. SCP/2022/000051 should be mentioned in all communications arising from the above project. The organization/institute/university should ensure that the technical support/financial assistance provided to them by SERB should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

13. 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 SERB.

14. Sanction order for release of funds under a) Non-recurring and b) Recurring will be issued separately depending on the availability of funds. The project become operational from the day the first release of grant received by the implementing Institute.

12/04/21
(Dr. Shilpi Paul)
Scientist F
ms_ps@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, 11 th Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	Dr. Ashish Tewari Forestry and Environmental Science Kumaun University, Ayarpatta, Nainital, ut, Nainital, Uttarakhand-263002 Email: atewari69@gmail.com Mobile: 919412994110 Prof. Lalit Mohan Tewari Department Of Botany DSB Campus Kumaun University (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.	Registrar, Kumaun University, Nainital, Kumaun University, Ayarpatta, Nainital, UT (Receipt of Grant may be intimated by name to the undersigned)

12/04/21
(Dr. Shilpi Paul)
Scientist F
ms_ps@serbonline.in

FILE NO. SCP/2022/000051-C
SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
(A statutory body of the Department of Science & Technology, Government of India)
Science and Engineering Research Board
3rd & 4th Floor, Block II
Technology Bhavan, New Mehrauli Road
New Delhi - 110016

Dated: 27 July, 2023

ORDER

Subject: Research project entitled "Water relations, drought adaptation and phenological variations due to climate change in *Quercus floribunda* dominated forests in the Western Himalayan region of Uttarakhand" under the guidance of Dr. Ashish Tewari, Forestry and Environmental Science, Kumaun University, Ayarpatta, Nainital, ut, Nainital, Uttarakhand-263002 and by Prof. Lalit Mohan Tewari, Professor, Department Of Botany DSB Campus, Kumaun University.

1. In continuation of SERB's sanction order No. SCP/2022/000051 dated 27 July, 2023, sanction of the competent authority is hereby accorded to the payment of a sum of **Rs. 760510/-** under 'Grants-in-aid Capital' to Kumaun University, Ayarpatta, Nainital, Ut, Nainital, Uttarakhand-263002 being the grant for the financial year 2023-2024 for implementation of the above said project.
2. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in) and as mentioned in the sanction order of even number dated 27 July, 2023.
3. As this is the first grant being released under 'Grants-in-aid Capital' for the project, no previous U/C is required.
4. The expenditure involved is debit to Fund for Science & Engineering Research (FSER) This release is being made under Special Call for Proposals (Capital) (PAC for Biology of Plants under extreme environments).
5. The Sanction has been issued with the approval of the competent authority on 21 July, 2023 and vide Diary No. SERB/F/4205/2023-2024 dated 22 July, 2023.
6. The release amount of Rs. 760510/- (Rupees Seven Lakh Sixty Thousand Five Hundred and Ten only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

PFMS Unique Code	KUNRDMS
Account Name	KUMAUN UNIVERSITY PROJECT & SCHEME AC
Account Number	10860839791
Bank Name & Branch	State Bank of India The Mallital, Nainital
IFSC/RTGS Code	SBIN0000687
Email id of A/C Holder	deepakjuly1980@gmail.com
Email id of PI	atewari69@gmail.com

(Dr. Shilpi Paul)
Scientist F
ms_ps@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

	Dr. Ashish Tewari Forestry and Environmental Science Kumaun University, Ayarpatta, nainital, ut, Nainital, Uttarakhand-263002 Email: atewari69@gmail.com Mobile: 919412994110
	Prof. Lalit Mohan Tewari Department Of Botany DSB Campus Kumaun University (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
S.	Registrar, Kumaun University, Nainital, Kumaun University, Ayarpatta, Nainital, UT (Receipt of Grant may be intimated by name to the undersigned)


 (Dr. Shilpi Paul)
 Scientist F
 ms_ps@serbonline.in

15

INDIAN COUNCIL OF HISTORICAL RESEARCH
(An Autonomous Organization, Ministry of Education, Govt. of India)
35, Ferozeshah Road, New Delhi - 110001

Dr. Om Jee Upadhyay
Director (Research & Administration)
Ph. No. 011- 23382580
Email Id: dd.rp@icmr.ac.in

SANCTION ORDER

F. No.1-40/2022 -ICHR (GIA-III) RP

16.02.2023

Subject: Release of the 1st Installment of grant for the project entitled: "Traditional Technology of Kumaun Himalayas"

Dear Sir/Madam,

I am directed to convey the sanction of the ICHR for the payment of an amount of Rs.3,50,000/- (Rupees Three Lakh Fifty Thousand only) for two years w.e.f. 01/02/2023 to 31/01/2025.

The amount will be released in advance on six-monthly basis in half yearly installments as mentioned below:

First installment	Rs.83,125/-
Second installment	Rs.83,125/-
Third installment	Rs.83,125/-
Fourth installment	Rs.83,125/-
Final installment being 5% withheld amount	Rs.17,500/-

First installment Rs.83,125/- (Rupees Eighty Three Thousand One Hundred & Twenty Five only) for the period from 01/02/2023 to 31/07/2023 (6 months) will be released in the following Bank details in the institute of affiliation as given below:

Name of Account Holder	: REGISTRAR/ FINANCE OFFICER
Name of the Bank	: STATE BANK OF INDIA
Branch Address/ Code	: THE MALL, NAINITAL (UTTARAKHAND) - 263001
Account No.	: 10860839791
IFSC Code	: SBIN0000687
MICR Code	: 263002068

The first installment of the approved grant will be released on receipt of the enclosed pre-receipted bill duly signed. The second and subsequent installments will be released on receipt of the six monthly progress report (3 copies) of the project submitted by the Project Director along with Statement of Expenditure in respect of previous installment, duly verified by the Finance Authority of the Affiliated Institute. The subsequent grant will be released only after the examination of the previous progress report by the expert if it found to be satisfactory. The overhead charges will be released only on receipt of a MSS/final work report which will be evaluated by the Council to ascertain the merit of the work.

The Project Director shall submit the final report (3 copies) of the project within three months of the end of the period of the project; five per cent of the entire grant of the project awarded under Clause 1, 2 and 4 shall be withheld, to be released on reimbursement basis only after the final statement of expenditure is received from the institution of affiliation, and the final report is found deemed satisfactory.

The institution of affiliation shall be expected to provide the Project Director, or a scholar awarded a project under Clause 4, with facilities such as accommodation for work, including furniture as specified in respect of a Fellow in Clause 15 of Chapter II of these Rules, and shall be paid overhead charges in return thereof by the ICHR.

Contd... 2

The grants-in-aid are subject to fulfillment of the conditions laid down in the ICHR Research Funding Rule for Grants-in-aid for research project and also subject to the following conditions:

- (a) The Project Director, **Dr. Reetesh Sah** will be responsible for directing the project to its completion within the stipulated time and sanctioned budget/grant from the date of the commencement of the work, which may please be intimated to this Council immediately.
- (b) The Head of the Institution will have to share the responsibility for the proper utilization of the grant and also for the completion of the work on time and the receipt of the final report of the study.
- (c) In case the sanctioned amount is not utilized in time the reasons for the same will have to be intimated to the council. If the project work is discontinued without reasonable grounds, the Project Director will be liable to return the entire amount to the ICHR, i.e., the amount paid to the scholar by that time. The ICHR reserves the right to terminate the grant, in case, it is felt that its grants-in-aid rules are being violated.
- (d) If sanctioned amount of the grant vary from the original budget submitted by the scholar with application form for research project then the budget can be revised with the approval of the institute of affiliation and information in this regard must be conveyed to the ICHR through institute of affiliation of the scholar. Further, the revision such made in the revised budget must be in proportion to the original budget and must not infringe the Research Funding Rule Chapter 3, clause 7, sub-clause (ii):-
"The terms of the award made under Clauses 1, 2 and 4 may lay down sums of grant assigned to different heads of expenditure, and re-appropriation from one head to another, involving a reduction of more than ten per cent of grant under the head, requiring prior approval of the Research Projects Committee, or, in cases of urgency, of the Chairman."

You are requested to return the enclosed bill duly signed across a revenue stamp so that the ICHR can arrange the payment at an early date.

Yours faithfully

(Om Jee Upadhyay)

Note: As the installments towards the Research Project Grant are released as advance amount on six month basis, therefore the concerned institutions are requested to release the same as an advance amount to the scholar

Encl: As stated above

The Registrar
Kumaun University, Nainital (U.K.) - 263001

Copy to:

1. Dr. Reetesh Sah, 232/4, Naya Bazar, Tallital, District Nainital (Uttarakhand) - 263001
2. Accounts Sanction, ICHR. Payment may be made only on receipt of the pre-receipted bill duly signed. The expenditure is debitible to "Grants-in-aid Research Project".
3. Office copy

Director (Research & Administration)



GOVERNMENT OF INDIA
Ministry of Science & Technology
Department of Science & Technology
3/28/2020/NSDI (G)
(NSDI)

Technology Bhawan, New Delhi
Dated: 31/03/2023

Sanction Order

Subject: Financial assistance for the project entitled "Setting-Up A Geospatial Science Technology Centre in Kumaun Himalaya" submitted by Dr. Prakash Chandra Chanyal, KUMAUN UNIVERSITY, NAINITAL, , NAINITAL, UTTARAKHAND, 263002 Release of the First installment regarding

Sanction of the President is hereby accorded to the approval to the above mention project at a total cost of Rs. 45,90,000/- (Rupees Forty Five Lakh Ninety Thousand only) for a duration of 2 Years . The detailed breakup of the grant for General as well as Capital Components are given below:-

General Component : ₹ 22,90,000/-
Capital Component : ₹ 23,00,000/-

Items	Budget Summary (in Rs.)		
	Year 1	Year 2	Total
1- Non-Recurring			
High-End Machines-Computers and Accessories - 1	850000	0	850000
Ground truthing Equipment and Instruments- - 1	200000	0	200000
Data purchase- - 1	150000	0	150000
Website creation/License/Subscription service- - 1	300000	0	300000
Assistance Software- - 1	800000	0	800000
Subtotal (Capital)	2300000	0	2300000
2- Recurring			
Project Staff	940000	950000	1890000
NET/JRF/Project Fellow (01) and Research Associate (01)-2	800000	850000	1650000
Secretarial Assistance-1	140000	100000	240000
Contingency	50000	50000	100000
Travel	50000	50000	100000
Overhead	50000	50000	100000
Miscellaneous-Stakeholders & User Awareness Program	0	100000	100000
Subtotal (General)	2290000	1200000	2290000

Total Project Cost (Cap. & Gen)	3490000	1200000	5000000
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2. The sanction of the President is also accorded to the release of Rs. 10,90,000/- (Rupees Ten Lakh Ninety Thousand only) to the "Director/Registrar/Principal/Controller/Comptroller, KUMAUN UNIVERSITY, NAINITAL" being the First installment of grant as mentioned above table under "General Component" for the above mentioned project.

3. The expenditure involved is debitable to Demand No. 89, Department of Science & Technology for the year 2022-23:

3425	Other Scientific Research(Major Head)
3425.60	Others ; (Sub-Major Head)
3425.60.789	Special Component Plan for Scheduled Castes
3425.60.789.15	Innovation,Technology Development and Deployment
3425.60.789.15.00	Detailed Head
3425.60.789.15.00.31	Grants-in-aid General
	(Previous: 3425.60.789.01.01.31)

4. The amount of Rs. 10,90,000/- (Rupees Ten Lakh Ninety Thousand only) will be drawn by DDO, DST and disbursed to the "CNA account of Autonomous body SERB in respect of Innovation,Technology Development and Deployment Scheme".

Name of A/C Holder	Innovation Technology Development and Deployment
Bank A/C No	349902010051240
Name of the Bank & branch	Union Bank of India, Safdarjang Enclave - New Delhi
RTGS/IFSC code	UBIN0534994

5. The amount of Rs. 10,90,000/- (Rupees Ten Lakh Ninety Thousand only) will be drawn by the "CNA account of Autonomous body SERB and will be disbursed to the Director/Registrar/Principal/Controller/Comptroller, KUMAUN UNIVERSITY, NAINITAL" . The bank details for electronic transfer of funds through RTGS are given below:-

Name of A/C Holder	CENTRAL SECTOR SCHEME OF INNOVATION T DD NO 1899 TPN 33490
Bank A/C No	534702010004316
Name of the Bank & branch	Union Bank of India
RTGS/IFSC code	UBIN0553476

6. As per Rule 234 of GFR 2017, the sanction has been entered at S. No 6 . in the register of grants maintained in the NSDI for the scheme Spatial Data Infrastructures .

7. This issues with the concurrence of IFD vide their Concurrence Dy. No. IFD/C/III/310323/31/04682 dated 31/03/2023.

8. The GI will keep all the funds received in the Central Nodal Account only and shall not transfer the funds to any other account or not divert the same to Fixed Deposits/ Flexi-Account/ Multi-Option Deposit Account/ Corporate Liquid Term Deposit (CLTD) account etc. The funds released to GI shall not be parked in bank account of any other agency.

Sushma Pandey

The GI will ensure the compliance of OM. No. F. No. 1/(18)/PFMS/FCD/2021 dated March 9, 2022 of Department of Expenditure, Ministry of Finance.

This sanction order is subject to the Terms & Conditions as annexured.

Dr. Shubha Pandey
(Scientist - 'E')
shubha.p@nic.in

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

डॉ. शुभा पाण्डेय / Dr. Shubha Pandey
वैज्ञानिक 'ई' / Scientist 'E'
विज्ञान और प्रौद्योगिकी विभाग
DEPT. OF SCIENCE & TECHNOLOGY
भारत सरकार / Govt. of India
नई दिल्ली-110016 / New Delhi-110016

Copy of information and necessary action to:

1. The Principal Director of Audit, Scientific Department, IIIrd floor, AGCR Building, I.P. Estate, New Delhi.
2. The Financial Advisor, Integrated Finance Division, Technology Bhavan, New Mehrauli Road, Block C, Qutab Institutional Area, New Delhi, Delhi 110016
3. The Internal Audit Wing, Department of Science & Technology, Technology Bhavan, New Mehrauli Road, Block C, Qutab Institutional Area, New Delhi, Delhi 110016
4. Drawing and Disbursing Officer, DST, Cash Section. (two copies)
5. Dr. Prakash Chandra Chanyal, Assistant Professor, Geography Department, KUMAUN UNIVERSITY, NAINITAL, , Nainital, Uttarakhand - 263002
6. The Director/Registrar/Principal/Controller/Comptroller/Chief Executive Officer(CEO), KUMAUN UNIVERSITY, NAINITAL, , Nainital, Uttarakhand - 263002
7. Secretary, SERB, New Delhi (for allocation of limits to implementing agency)
8. Head (NSDI) DST
9. Sanction Folder (NSDI)

Dr. Shubha Pandey
(Scientist - 'E')
shubha.p@nic.in

डॉ. शुभा पाण्डेय / Dr. Shubha Pandey
वैज्ञानिक 'ई' / Scientist 'E'
विज्ञान और प्रौद्योगिकी विभाग
DEPT. OF SCIENCE & TECHNOLOGY
भारत सरकार / Govt. of India
नई दिल्ली-110016 / New Delhi-110016

ANNEXURE

17

FILE NO. SUR/2022/002664
SCIENCE & ENGINEERING RESEARCH BOARD (SERB)
(A statutory body of the Department of Science & Technology, Government of India)

Science and Engineering Research Board
3rd & 4th Floor, Block II
Technology Bhavan, New Mehrauli Road
New Delhi - 110016

Dated: 06 November, 2023

ORDER

Subject: Financial Sanction of the research project titled **Petrochronology of Askot polymetallic deposit and its host granite gneiss Kumaun Lesser Himalaya: Implication on mineralization, magmatism and crustal evolution**, under the guidance of Dr. Deepa Arya, Department of Geology, Kumaun University, Ayarpatta, Nainital, Uttarakhand-263002 - 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. 2694780/- (Rs. Twenty Six Lakh Ninety Four Thousand Seven Hundred and Eighty Only) with break-up of Rs. 475000/- under Capital (Non-recurring) head and Rs. 2219780/- under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 2694780/- has been approved are given below:

The following budget may be considered for Kumaun University, Sleepy Hollow

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Camera (DSLR) -> MS Meter -> Laptop -> GPS	475000
A'	Total (Non-Recurring)	475000
B	Recurring Items	
1	Recurring - I : (Research Personnel -> Project Assistant) Recurring - II : (Consumables, Travel, Contingencies, Other Cost) Recurring - III : Scientific Social Responsibility	784800 1190000 0
2	Recurring - IV : (Overhead Charges)	244980
B'	Total (Recurring)	2219780
C	Total cost of the project (A' + B')	2694780

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

3. 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.

4. While providing operational flexibility among various subheads under head Recurring-II, It should be ensured that not more than Rs.3,00,000/- under travel head and not more than Rs.90,000/- under contingency head should be spent.

5. 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.

6. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

Institute will furnish to the SERB, separate Utilization certificate (UCs) financial year wise to the SERB for (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of account pertaining to the grant immediately after the end of each financial year.

The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an authorized bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the grant to be adjusted towards further installment of the grant.

The research personnel 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

10. 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.

11. The project File no. SUR/2022/002664 should be mentioned in all communications arising from the above project. The organization/institute/university should ensure that the technical support/financial assistance provided to them by SERB should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report. 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 SERB.

12. Sanction order for release of funds under a) Non-recurring and b) Recurring will be issued separately depending on the availability of funds. The project become operational from the day the first release of grant received by the implementing Institute.

Ramesh

(Dr. V Ramesh)

ms_pac_sure@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. Deepa Arya Department of Geology Kumaun University, Ayarpatta, nainital, ut, Nainital, Uttarakhand-263002 Email: arya.earth11@gmail.com Mobile: 917906802838 (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.	FINANCE OFFICER, Kumaun University, Sleepy Hollow (Receipt of Grant may be intimated by name to the undersigned)

Ramesh

(Dr. V Ramesh)

ms_pac_sure@serbonline.in

FILE NO. SUR/2022/002664-G
SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
(A statutory body of the Department of Science & Technology, Government of India)

Science and Engineering Research Board
3rd & 4th Floor, Block II
Technology Bhavan, New Mehrauli Road
New Delhi - 110016

Dated: 06 November, 2023

ORDER

Subject: Research project entitled Petrochronology of Askot polymetallic deposit and its host granite gneiss Kumaun Lesser Himalaya: Application on mineralization, magmatism and crustal evolution, under the guidance of Dr. Deepa Arya, Department of Geology, Kumaun University, Ayarpatta, nainital, ut, Nainital, Uttarakhand-263002.

1. In continuation of SERB's sanction order No. SUR/2022/002664 dated 06 November, 2023, sanction of the competent authority is hereby accorded to the payment of a sum of **Rs. 739920/-** under 'Grants-in-aid General' to Kumaun University, Ayarpatta, Nainital, UI, Nainital, Uttarakhand-263002 being the grant for the financial year 2023-2024 for implementation of the above said project.
2. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in) and as mentioned in the sanction order of even number dated 06 November, 2023.
3. As this is the first grant being released under 'Grants-in-aid General' for the project, no previous U/C is required.
4. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER) This release is being made under **State University Research Excellence (SERB SURE) (General)**, (PAC SERB SURE).
5. The Sanction has been issued with the approval of the competent authority on **16 August, 2023** and vide Diary No. SERB/F/5024/2023-2024 dated **19 August, 2023**.
6. The release amount of **Rs. 739920/-** (Rupees Seven Lakh Thirty Nine Thousand Nine Hundred and Twenty only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

PFMS Unique Code	KUNRDMS
Account Name	Finance Officer
Account Number	10860839791
Bank Name & Branch	STATE BANK OF INDIA STATE BANK OF INDIA, NAINITAL, MALLITAL, 263002, MICR NO.: 263002068
IFSC/RTGS Code	SBIN0000687
Email id of A/C Holder	Deepakjuly1990@gmail.com
Email id of PI	arya.earth11@gmail.com


(Dr. V Ramesh)
ms_pac_sure@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

Dr. Deepa Arya

Department of Geology

Kumaun University , Ayarpatta, nainital, ut, Nainital, Uttarakhand-263002

Email: arya.earth11@gmail.com

Mobile: 917906802838

(Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)

FINANCE OFFICER,

Kumaun University, Sleepy Hollow

(Receipt of Grant may be intimated by name to the undersigned)

Ramesh

(Dr. V Ramesh)

ms_pac_sure@serbonline.in

NATIONAL MISSION ON HIMALAYAN STUDIES (NMHS)
G.B. Pant National Institute of Himalayan Environment (NIHE)
Kosi-Katarmal, Almora - 263643, Uttarakhand, India

Ref. No.: NMHS/2022-23/SG 82/02/285

Date: 14.03.2023

To,

Dr. Biswajit Saha
Assistant Professor
Chemical Engineering Dept.
Indian Institute of Technology (IIT) Gandhinagar
Palai, Gandhinagar, Gujarat 382355

Subject: Approval of the Small Grant (SG) for the project entitled "Development of Novel Adsorbent and Prototyping of Powerless Water Filter"

Sir,

I am directed to convey the approval of the Competent Authority for the above-mentioned project at a total cost of **Rs. 37,35,680/- (Rupees Thirty Seven Lakh Thirty Five Thousand Six Hundred Eighty Only)** for a period of two years, as per the break-up given below:-

Head	1 st year (in Rs.)	2 nd year (in Rs.)	Total grant
(i) Professional services: 01 JRF @ Rs.31,000/-+ per month for two years. 01SPF @ 23,000/-+ HRA @ 9% per month for two years.	672840.00	672840.00	1345680.00
(ii) Domestic Travel:	30000.00	40000.00	70000.00
(iii) Office Expenses: Including overhead charges of Rs.2.70 lakh (Rs.1.35 lakh for each year) for two years, Contingency expenses maximum up to Rs.1.86 Lakh for two years, Stationary Charges, Hiring Charges of Field Worker and Porter and Minor Field Charges.	255000.00	225000.00	480000.00
(iv) Digital Equipment: Centrifuge-1 @ Rs.7.50 Lakh	750000.00	0.00	750000.00
(v) Materials & Supplies: Chemical, glassware, and Development of filtering systems.	545000.00	545000.00	1090000.00
Grand Total	2252840.00	1482840.00	3735680.00

2. The approval of the project is subject to incorporation/compliance with the following project specific remarks/conditions:

- Active involvement of industry should be insured as technical and marketing partners.
- Local academic Institutions also to be associated with the project for knowledge sharing. Moreover, the state /UT govt. departments and line agencies should be involved during whole project cycle while field implementation of the project.
- A report based on baseline data should be submitted by the project proponent in the **1st quarter of the project** since the initiation of the project. Further, the **Periodic Progress Report** of the NMHS Project along with all the supporting data generated under the NMHS Project needs to be submitted and updated on the Online Portal of the NMHS (<http://nmhsportal.org>) by the PI/ Project Proponent on **Quarterly basis** consistently. Monitoring indicators reported for the project should be able to quantify the difference made on ground.
- A Certificate should be provided that this work is not the repeat of earlier work (as a mandatory exercise).

- The roles and responsibilities of each implementing partners should be delineated properly with their budget. The budget allocations to partners should be done in accordance with the MoEF&CC guidelines. The same should be communicated to NMHS-PMU, before start of the project.
- On completion of the study, a Seminar/ Conference/ Workshop should essentially be organized by the PI/ Proponent to discuss and disseminate the findings among the experts and concerned beneficiaries/stakeholders.
- The project should avoid the printing on paper and more digital version of reports and publications should be used. Information dissemination should be done the E-channels and QR codes which are easy to operate using mobile phones and similar device.
- Any knowledge products (research/review articles, reports, conference proceedings, conference presentations, technical reports, etc.) emerging from the present project should acknowledge the grant support received from the National Mission on Himalayan Studies, referring the specific Grant no. of the project.

3. The Project Objectives, Quantifiable Deliverables and Monitoring Indicators are as follows:

Project Objectives	Quantifiable Deliverables	Monitoring Indicators
• To develop and design adsorbent for water filtration that can effectively remove a wide range of contaminants from water, including heavy metals, organic compounds, and biomolecules • To maximize the adsorbent and impurities removal efficiency through optimization of material compositions • To produce filtering cartridge which is cost-effective, easily regenerated, and can be used in a variety of water filtration systems; (The adsorbent should have a high adsorption capacity, fast kinetics, and high selectivity for targeted contaminants) • To design and prototype of water filtering system tested in a pilot-scale water filtration system to evaluate its performance under real-world conditions. • To investigate the feasibility of using the adsorbent in existing water filtration systems and explore potential applications in sewage water filtration • To implement the water filter system in real field at Nainital and demonstrate its performance	• Low-cost portable water filter technology • Novel adsorbents for water pollutants • A pilot scale cost-effective filtration system to provide safe drinking water and sewage treatment • 1 Patent and 4 publications	• Portable water filter (No.) • No. of publications (Nos.) • No. of patents (No.) and other knowledge products (No.)

4. Sanction of the Competent Authority is also hereby conveyed for the release of **Rs. 22,52,840/- (Rupees: Twenty Two Lakh Fifty Two Thousand Eight Hundred Forty Only)** towards Grants-in-Aid to **Director, Indian Institute of Technology (IIT) Gandhinagar, Palai, Gandhinagar, Gujarat 382355** for the aforementioned NMHS-SG project for the Financial Year 2022-23 Plan/recurring being the 1st installment of grants as per the following break-up.

Expenditure Head	Amount (INR)
(i) Professional services: (As above)	672840.00
(ii) Domestic Travel:	30000.00
(iii) Office Expenses: (As above)	255000.00
(iv) Digital Equipment: (As above)	750000.00
(v) Materials & Supplies: (As above)	545000.00
Grand Total	2252840.00

5. The Grants-in-Aid will be regulated in accordance with the provisions contained in the guidelines of the Ministry of Environment, Forest & Climate Change, New Delhi. The Grants-in-aid is also subject to Chapter 9 of the General Financial Rules (GFRs), 2017, as amended from time-to-time, read with Government of India's decisions incorporated there under and any other guidelines which may be issued in this regard, and in particular to the following conditions:-
- I. A separate ledger is maintained for the purchasing of equipments/Instruments as per the provision of GFRs.
 - II. Engagement of staff as per the provision of GFRs and MoEF&CC guidelines given in **Appendix A**. The emoluments for the retired persons hired for the project should not exceed **Rs. 50,000/- consolidated (fixed) per month** as stipulated in the MoEF&CC guidelines.
 - III. Expenditure on items other than salary is incurred keeping in view the austerity measures issued on the subject, and GFR is followed by the Institute as well as regional office and other agencies receiving funds.
 - IV. All account maintained by the concerned Organization will be subject to audit by the C&AG or internal auditors. On termination of the project, statements of accounts duly certified by the Competent Authority of the Organization shall be submitted and the unspent balance, if any, in the funds sanctioned will be refunded to G.B. Pant National Institute of Himalayan Environment (GBPNIHE), Kosi-Katarmal, Almora, Uttarakhand.
 - V. No cash payment is made exceeding **Rs. 20,000/-** to anybody for any expenditure. The taxes and dues are recovered and deposited in Government Account as per law.
 - VI. The 2nd installment will be considered only after review of progress and the expenditure of 75% of the 1st installment released and on submission of the latest UC as per GFR format along with the Statement of Expenditure (item-wise) and signed duly by the Competent Authority. The UC shall also be verified and signed by the Chartered Accountant/Finance Officer along with the cash flow statement.
 - VII. The UC shall be submitted along with up-to-date physical progress report (annual/ half yearly/quarterly) indicating progress made against each objective and quantifiable deliverables, both online on NMHS web portal <http://nmhsportal.org> and offline hardcopy of Annual report *via* speed post, certified by the authorized person, along with data, photographs/satellite pictures, etc. The audited UC thru third party audit by Authorized Agency/CA is to be submitted annually and with FTR.
 - VIII. Assets acquired wholly or substantially out of Government grants shall not be disposed of without obtaining the prior approval of the sanctioning authority of Grants-in-aid, and a separate sheet should be enclosed with details of Assets with cost.
 - IX. The accounts of concerned Organization shall be audited by C&AG or by any person/agency authorized by it on its behalf in accordance with the provisions laid down in Section 14 of the C&AG (DPC) Act, 1971 as amended from time-to-time.
 - X. The internal audit party of the Principal Accounts Office of the Ministry or Department may also inspect the accounts whenever it is called upon to do so.
 - XI. The Grants-in-aid will be spent exclusively in pursuance of the objectives for the project entitled "**Development of Novel Adsorbent and Prototyping of Powerless Water Filter**" as given above and for the purpose it is being sanctioned.
 - XII. The Grants-in-aid is subject to the Economy Instruction(s) Issued from time-to-time by the Ministry of Finance or by the Competent Authority.
 - XIII. The sanction of the NMHS grant is subject to compliance with the Terms and Conditions given in **Annexure-I** and duly signing of the Bond with NMHS-PMU in the prescribed format (**Appendix B**). Compliance of all conditions mentioned in the Bond and **Annexure I** must be ensured.

XIV. On the basis of the Terms and Conditions given in **Annexure-I**, action is being taken up for the draw of the sanctioned amount of the first installment of the first year's grant during the Financial Year 2022-23.

XV. The sanction of the grant is subject to the whole details with nature of work of this project under "National Mission on Himalayan Studies (NMHS)" clearly mentioned in the website/all knowledge products of the Grantee.

XVI. **A separate saving bank account with Zero bank balance may kindly be opened in the nearby branch of Canara bank and same be mapped into the PFMS under the scheme "National Mission on Himalayan Studies (NMHS), Scheme Code-9333 and Unique Code-0125. The above grant assigned limit will be fixed into the newly opened Zero Bank Subsidiary Account (ZBSA).**

XVII. The Project commissioned under "National Mission Himalayan Studies-Small Grant" would be for the **tenure of two years w.e.f. 30.03.2023**. There should not be any time and cost over run in the NMHS project.

XVIII. As per the directive of the Govt. of India, the implementing agency must be registered in **Public Financial Management System (PFMS)**. The all transactions should be done through PFMS portal only for transparency and accountability of govt. grant.

XIX. The amount of **Rs. 22,52,840/- (Rupees: Twenty Two Lakh Fifty Two Thousand Eight Hundred Forty Only)** will be drawn by the *Drawing and Disbursing Officer, G.B. Pant National Institute of Himalayan Environment (GBPNiHE), Kosi-Katarmal, Almora (U.K.)* and disbursed to **Director, Indian Institute of Technology (IIT) Gandhinagar, Palai, Gandhinagar, Gujarat 382355** thru **CAN** account. The amount will be debited in the Sub- Head as mentioned above.

6. **Please send your acceptance with the Terms and Conditions of this NMHS Grant sanction letter so that aforementioned grant assigned limit will be fix to the Head of Implementing Agency through PFMS on the designated account.**

7. Please note that following documents must be submitted before the start of the project activities.

1. **Quotations for the equipments/instruments to be procured.**
2. **Roles and responsibilities of the partners with the budget allocated to each of them.**
3. **Original copy of bond duly signed by authorized person or grantee (Rs. 100 stamp paper)**

**Encl. : Annexure-I
Appendix- A
Appendix- B**

Yours Sincerely,



(Kireet Kumar)
Scientist 'G' & Nodal Officer
NMHS-PMU, GBPNiHE

Copy to:

1. The Director, Indian Institute of Technology (IIT) Gandhinagar, Palai, Gandhinagar, Gujarat 382355
2. Shri Raghu Kumar Kodali, Scientist- F, Mountain Division, (CS-I), Vayu Wing, 2nd Floor, Indira Paryavaran Bhavan Ministry of Environment Forest & Climate Change Govt. of India, Jorbagh Road, New Delhi 110003
3. PS to Director, G.B. Pant National Institute of Himalayan Environment (GBPNiHE), Kosi-Katarmal, Almora, Uttarakhand-263643

4. Finance Officer, G.B. Pant National Institute of Himalayan Environment (GBPNIHE) , Kosi-Katarmura, Almora, Uttarakhand-263643
5. Principal Director of Audit, Scientific Department, AGCR Building, IP Estate, New Delhi-110002
6. Database team, NMHS-PMU
7. Guard File – NMHS.

IIT Gandhinagar			
	1 st Year	2 nd Year	Total
Materials and Supplies	545000	545000	1090000
Professional Services (JRF)	372000	372000	744000
Domestic Travel Expenses	30000	40000	70000
Equipment (centrifuge)	750000	0	750000
Office Expenses (Excluding Overhead)	120000	90000	210000
Overhead	120000	103126	223126
Total	1937000	1159126	3087126

Kumaun University			
	1 st Year	2 nd Year	Total
Materials and Supplies	0	0	0
Professional Services (Senior project fellow: Salary + HRA (9%))	300840	300840	601680
Domestic Travel Expenses	0	0	0
Equipment (centrifuge)	0	0	0
Office Expenses (Excluding Overhead)	0	0	0
Overhead	15000	31874	46874
Total	315840	332714	648554

IIT Gandhinagar + Kumaun University			
	1 st Year	2 nd Year	Total
Materials and Supplies	545000	545000	1090000
Professional Services (Senior project fellow)	672840	672840	1345680
Domestic Travel Expenses	30000	40000	70000
Equipment (centrifuge)	750000	0	750000
Office Expenses (Excluding Overhead)	120000	90000	210000
Overhead	135000	135000	270000
Total	2252840	1482840	3735680

Sanction amount		
1 st Year	2 nd Year	Total
545000	545000	1090000
672840	672840	1345680
30000	40000	70000
750000	0	750000
255000	225000	480000
2252840	1482840	3735680