

SANCTION LETTER

By courier/email

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

Date: 16-01-2023

Prof. Nanda Gopal Sahoo, FRSC

Incharge, PRS 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 (PDTCC) 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

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	
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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 installment 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:-

- 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. 30,000/- 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

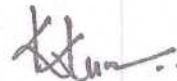
authorized person, along with data, photographs/satellite pictures, etc. The audited UC thru third party audit by Authorised Agency/CA is to be submitted Annually and with FTR.

- 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 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-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.



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)	1090000	1200000	2290000

Total Project Cost (Cap.+ Gen.)	3390000	1200000	4590000
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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.

19. 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

ANNEXTURE

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: 28 September -2022

Subject: Regarding approval for project proposal "Capacity building and skill development in rural areas using integrated pharmit 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 pharmit practices for livelihood management and health care in Uttarakhand" has been approved by competent authority of the USERC. As the expected outcome of this event will strengthen the activities of the USERC and help it in building up strong research backup for policy intervention, I am pleased to convey the sanction of Rs. 1,30,000/- (Rupees one lakh Thirty-thousand only) and release of Rs. 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 pharmit 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 One 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. After 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 I.D.: 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) for the sanctioned grant/Statement of accounts signed by finance controller/finance officer within the 15 days of program.** All these 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

Director

Director

Address

nanks & 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

Uttarakhand Council For Biotechnology

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

Uttarakhand
Nagar, Uttarakhand
diffmail.com)

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

Date 02/01/2023

OFFICE ORDER

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

as been pleased to sanction R&D project "Industrial Cannabis species of Uttarakhand protocol" for a period of two years with total on the terms and conditions detailed here

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:

- 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.



(Dr. Sanjay Kumar)
Director, UCB

Copy for information and necessary action to:

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



(Dr. Sanjay Kumar)
Director, UCB



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-Katarnial, 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.

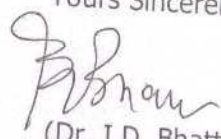
5. The Drawing and Disbursing Officer, G.B. Pant Institute of Himalayan Environment, will draw the amount of Rs. 4,06,000/- (Rs. Four lakh six thousand only) Kosi-Katarmal, Almora, Uttarakhand. They will be disbursed through NEFT/RTGS/PFMS in favour of **the Registrar, Kumaun University, Nainital, Uttarakhand.**

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

Scientist Incharge, I. E. R. P.

Gyan Ballabh Pant Institute of
Himalayan Environment & Development,
KOSI-Katarmal-223108, 33543

Copy for information and necessary action to:

1. The Accounts Officer, GBPNIHE, 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
Resist
17/4/23

FILE NO. CRG/2019/004139

SCIENCE & ENGINEERING RESEARCH BOARD (SERB)

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

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

Dated: 21-May-2020

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-263602 and by Prof. SURENDRA SINGH BARGALI, Professor, Department Of Botany, Kumaun University, Nainital, Uttarakhand-263602.

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. 2122332/- 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 -> Soil corer, Total Nitrogen/Phosphorus/Total organic Carbon Analyser, GPS, Double distillation unit	2500000
A'	Total (Non-Recurring)	2500000
B	Recurring Items	
1	Recurring - I: (Manpower)	1257120
	Recurring - II: (Consumables, Travel, Contingencies)	425000
	Recurring - III: Scientific Social Responsibility	20000
2	Recurring - IV: (Overhead Charges)	420212
B'	Total (Recurring)	2122332
C	Total cost of the project (A' + B')	4622332

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. 720770/- (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/F/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 enlisted under SSR norms and under no circumstances it can be reappropriated.

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

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

11. The release amount of Rs. 3220770/- (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 KGS transaction as per their Bank details given below.

PTMS Unique Code	RJNA00000040
Account Name	Finance Office, K U Projects Scheme
Account Number	10360839791

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 acknowledgement of SERB.
15. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any, beyond the duration of the project.
16. As this is the first grant being released for the project, no previous U/C is required.
17. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring 'FUND FOR SCIENCE AND ENGINEERING RESEARCH' payable at New Delhi.
18. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.
19. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board.

(Dr. Shilpi Paul)
Scientist E
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
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

FILE NO. CRG/2019/004139
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: 20-Dec-2021

ORDER

Subject: Research project entitled **?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. SURENDRA SINGH BARGALI, Professor, Department Of Botany, Kumaun University.

1. This is in continuation of SERB's sanction order No. "CRG/2019/004139" dated "21 May, 2020" of **Science and Engineering Research Board (SERB)**.

2. Sanction of the competent authority is hereby accorded to the payment of a sum of **Rs. 700000/-** (Rupees Seven Lakh only) under 'Grants-in-aid General' to **Registrar, Kumaun University, Nainital, Kumaun University, Ayarpatta, Nainital, UT** being the 2nd grant for the financial year 2021-2022 for implementation of the above said project.

3. Sanction of the competent authority is also accorded to the carry forward of unspent balance of **Rs. 2630292/-** (Rupees Twenty Six Lakh Thirty Thousand Two Hundred and Ninety Two only) (Recurring Rs. 279862 and Non-Recurring Rs. 2350430) to Kumaun University, Ayarpatta, Nainital, UT from FY 2020-2021 to FY 2021-2022 for the same purpose for which it was sanctioned.

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

5. It is certified that provision of GFR 212 relating to Utilization Certificates (Ucs) for the funds released under the grant have been satisfied and the UC/s is/are enclosed herewith.

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

7. The Sanction has been issued to Kumaun University, Ayarpatta, Nainital, UT with the approval of the competent authority under delegated powers on **24 November, 2021** and vide Diary No. **SERB/F/4611/2021-2022** dated **25 November, 2021**

8. The release amount of **Rs. 700000/-** (Rupees Seven Lakh only) (Recurring Rs. 700000 and Non-Recurring Rs. 0) 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, K U Projects Scheme
Account Number	10860839791
Bank Name & Branch	State Bank of India Nainital The Mallital Nainital
IFSC/RTGS Code	SBIN0000687
Email id of A/C Holder	Deepakjuly1980@gmail.com
Email id of PI	kiranbargali@yahoo.co.in

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

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

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), Recurring - II : (Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	816480 1055000 20000
2	Recurring - IV : (Overhead Charges)	268148
B'	Total (Recurring)	2159628
C	Total cost of the project (A' + B')	2949628

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. 1.5 lakh each should be spent for travel and contingency.

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

6. 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.

7. 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-263802 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-5, 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	10850839791
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

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, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy

	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

F.No. DST/TM/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.)					
		1 st Year	2 nd Year	3 rd Year	4 th Year	5 th Year	Total
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)	5.22138					5.22138
	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. 762/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 Analysis 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 IQ-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. 28,000/- + 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	

1. 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	29.90	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.

(Dr. Neelima Alam)
Scientist-E

To: The Pay and Accounts Officer, DST, New Delhi
Copy for information and necessary action to:

1. Cash Section(3 copies), DST, New Delhi--for preparing the bill and remitting the amount to the grantee
2. Accounts Section, DST, New Delhi, 3. IFD, DST, New Delhi.
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'

9720838047 Kapil

MoES/P.O.(Geo)/101(v)/2017
Government of India
Ministry of Earth Sciences

Prithvi Bhavan, Lodhi Road,
New Delhi-110003
Dated:11.06.2018

ADMINISTRATIVE ORDER

Subject: Project proposal entitled "Tracing the Precambrian magmatic components in the geodynamic evolution of Kumaun Himalaya and their geological correlations: Constraints from phase petrology, geochemistry, U-Pb SHRIMP zircon geochronology and Lu-Hf-O isotopes of granites and their enclaves".

PI: Dr. Santosh Kumar, Professor and Coordinator, Centre of Advanced Study in Geology, Kumaun University, Nainital, 263 002, Uttarakhand.

Sanction of the President is hereby conveyed under Rule 18 of the Delegation of Financial Power Rules 1978 for implementation of the above-mentioned project at an estimated cost of Rs.85,07,600/- (Rupees eighty five lakhs seven thousand six hundred only) to Kumaun University, Nainital, Uttarakhand for a period of five years (2018-19 to 2022-23).

2.0 Objectives:

- To establish the field relationships between granites and associated lithounits.
- To infer the physico-chemical environment of granite and enclaves.
- To decipher the timing and sources of granite magmatism in Kumaun Himalaya.
- To resolve the basement issue and to recognize the likely Precambrian magmatic components in the evolution of Kumaun Lesser Himalaya.
- To recognize the sequence of magmatic events and its correlations, and finally
- To suggest viable genetic and geodynamic model of Kumaun Lesser Himalaya.

2.1 Programme:

The Indian sub-continent is mainly comprised of Precambrian cratonic regions, Phanerozoic Himalayan collision orogens and Indo-Gangetic alluvial plains. Recent researches have greatly contributed to our understanding of the fundamental architecture of the Indian continental lithosphere. However, role of Indian continental lithospheric components and sources in the geodynamic evolution of Himalayan collision orogen through time and their link to global thermal events is still a major research gap. In the proposed project investigation of selected transect corridors in Kumaun Lesser Himalaya will be carried out using multi-parametric approach such as phase petrology, geochemical, geochronologic and isotope studies of granites and their enclaves, which can address the petrogenetic and geodynamic issues of Himalaya and its likely relationships with equivalent orogenic belts globally. Integration of generated database will help constructing the sequence of magmatic events and crustal growth processes in space and time.

2.2 Implementing Organization:

Kumaun University, Nainital, Uttarakhand would be implementing this project.

Contd. 2

Rajivastar

2.3 Estimated Project Cost:

Total estimated cost of the project is Rs. 85,07,600/- (Rupees eighty five lakhs seven thousand six hundred only) during the period of five years (2018-19 to 2022-23). The year-wise / item-wise fund requirement is given below:

Items	Budget (In Rupees)					
	1 st year 2018-19	2 nd year 2019-20	3 rd year 2020-21	4 th year 2021-22	5 th year 2022-23	Total
A. RECURRING						
1. Salary Junior Research Fellow (02) @ Rs. 25,000 + 10% HRA p.m. for 1 st & 2 nd yr. and @ Rs. 28,000 + 10% HRA p.m. for 3 rd , 4 th and 5 th year.	6,60,000/-	6,60,000/-	7,39,200/-	7,39,200/-	7,39,200/-	35,37,600/-
2. Consumables	1,50,000/-	1,50,000/-	1,00,000/-	1,00,000/-	1,00,000/-	6,00,000/-
3. Travel	1,00,000/-	1,00,000/-	1,00,000/-	1,00,000/-	1,00,000/-	5,00,000/-
3. Other costs	50,000/-	50,000/-	50,000/-	50,000/-	50,000/-	2,50,000/-
4. Analytical costs	5,00,000/-	4,70,000/-	5,00,000/-	5,00,000/-	5,00,000/-	24,70,000/-
Sub Total (A)	14,60,000/-	14,30,000/-	14,89,200/-	14,89,200/-	14,89,200/-	73,57,600/-
B. Non-recurring						
Wilfley gravity shaking table	9,00,000/-	---	---	---	---	9,00,000/-
C. Overheads						
	50,000/-	50,000/-	50,000/-	50,000/-	50,000/-	2,50,000/-
Total (A+B+C)	24,10,000/-	14,80,000/-	15,39,200/-	15,39,200/-	15,39,200/-	85,07,600/-

2.4 Time Schedule: 05 years (2018-19 to 2022-23).

2.5 Description and proposed programme to be implemented by :

This project will be implemented by the PI as per details given below.

First Year: Fieldwork, collection and preparation of representative samples
 Second Year: Fieldwork, petrographic features, mineral and whole rock chemistry, zircon separation, mounting along with BSE and CL Images.
 Third Year: U-Pb-Lu-Hf-O isotopes and U-Pb SHRIMP chronology of zircons.
 Fourth Year: Date analysis, publications of results
 Fifth Year: Publications of the results and final report preparation

3.0 The expenditure will be booked under the following Budget Head:

3425 Other Scientific Research (Major Head)
 60.200 Assistance to Other Scientific Bodies (Minor Head)
 52 Research Education and Training Outreach
 52.00.31 Grant-in-Aid-General (Plan)

Contd. 3

Signature
 11.6.18

MoES/P.O.(Geo)/101(v)/2017

Government of India
Ministry of Earth Sciences

Prithvi Bhavan, Lodhi Road,
New Delhi-110003

Dated: 11.06.2018

ORDER

Subject: Project proposal entitled "Tracing the Precambrian magmatic components in the geodynamic evolution of Kumaun Himalaya and their geological correlations: Constraints from phase petrology, geochemistry, U-Pb SHRIMP zircon geochronology and Lu-Hf-O isotopes of granites and their enclaves".

PI: Dr. Santosh Kumar, Professor and Coordinator, Centre of Advanced Study in Geology, Kumaun University, Nainital, 263 002, Uttarakhand.

In continuation to this Ministry's Administrative Order of even number dated 11.06.2018, sanction of the President is hereby conveyed under Rule 18 of the Delegation of Financial Powers Rule, 1978 for the release of Rs.24,10,000/- (Rupees twenty four lakhs ten thousand only) as the 1st year grant, to Kumaun University, Nainital, Uttarakhand for the implementation of the above-mentioned project during the current financial year 2018-19. The break-up of Rs. 24,10,000/- is as follows:-

S.No.	Head	(Amount in Rupees)
1.	Salary	6,60,000/-
2.	Consumables	1,50,000/-
3.	Travel	1,00,000/-
4.	Other costs	50,000/-
5.	Analytical costs	5,00,000/-
6.	Overhead	50,000/-
7.	Non-recurring	9,00,000/-
	Total	24,10,000/-

2. The amount of Rs.24,10,000/- (Rupees twenty four lakhs ten thousand only) will be drawn by DDO, MoES and will be disbursed to the Registrar, Kumaun University, Nainital, Uttarakhand through RTGS as per following details :

Name of the Bank : State Bank of India
Type of Account : Saving Bank
IFSC Code : SBIN0000687
Account No. : 10860839791
MICR No. : 263002068
Branch Name : State Bank of India, The Mah Nainital-263001 (Uttarakhand)

3. The expenditure will be booked under the following Budget Head:-

'3425' Other Scientific Research (Major Head)
60.200 Assistance to Other Scientific Bodies (Minor Head)
52 Research Education and Training Outreach
52.00.31 Grant-in-Aid-General

Under demand no. 25 for the Ministry of Earth Sciences for the financial year 2018-19.

4. The provisions of GFR 238(1) relating to U.C's for the fund released are not applicable at this stage since the said institute would be receiving the grant for the aforesaid purpose for the first time.
5. The Registrar, Kumaun University, Nainital, Uttarakhand shall send the UC and Statement of Expenditure of this account in the required Performa. The Registrar, Kumaun University, Nainital, Uttarakhand shall also follow all financial rules of DFPR/GFR 2017 etc. and instructions issued by MoF/DoPT etc. from time to time.
6. The account of the grantee organisation shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the MoES), whenever the organisation is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.
7. As per Rule 234 of GFR 2017, this sanction has been made in Expenditure Central Register (ECR) for the year at Page No.103 Sl. No.30.
8. This issues under powers delegated to this Ministry and with the concurrence of IFD vide their Dy. No. 171/IFD/5638/2018-19/REACHOUT dated 04.06.2018 and with the approval of the Secretary, MoES vide Dy. No. 5638/Secy/18 dated 07.06.2018.

Archna Srivastava 1.6.18
(Archna Srivastava)

Under Secretary to the Govt. of India

To,

The Pay & Account Officer, Ministry of Earth Sciences, Prithvi Bhavan, Lodhi Road,
New Delhi-110003

Copy for information and necessary action to:

1. The Principal Director of Audit (Scientific Department) AGCR Building, I.P. Estate, New Delhi 110002.
2. The Registrar, Kumaun University, Nainital, Uttarakhand -263002.
3. Dr. Santosh Kumar, Professor and Coordinator, Centre of Advanced Study in Geology, Kumaun University, Nainital, 263 002, Uttarakhand.
4. Cash Section, MoES, New Delhi.
5. Controller of Accounts, MoES.
6. AS&SA / IS / Sec. G (GRI) / Dir (I) / AD (OL) / IFD, MoES.
7. PPS to Secretary, MoES.
8. Sanction Folder/ File copy.

Archna Srivastava 1.6.18
(Archna Srivastava)

Under Secretary to the Govt. of India

Annexure-II

Schedule of payments by BPCL to KU

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	7,28,760
Project Associate I	31,000	2,480	12	4,01,760
				11,30,520

* 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

B. S. S. S.

S. S. S. S.

Dy. No. EF23171 dated 21.08.2019 and concurrence of IFD, DST vide Dy. No. C/2301 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 BPC1 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: BPC1 shall release the payments within 30 days from the date of KUP's invoice as per the aforementioned payment schedule

Dato

Jays

To, M/s. DSB CAMPUS KUMAUN UNIVERSITY NAINITAL, NAINITAL, NAINITAL, UTTARAKHAND, INDIA - 263601 Ph : 05942235055 VENDOR CODE:373128	Purchase order			
Deliver to: M/s. Corporate R&D Centre Bharat Petroleum Corporation Ltd., Plot-2A, Udyog Kendra, Greater Noida, Gautam Budh Nagar (UP), INDIA -	PO number/date 4508478465/28.07.2021 Contact person/Telephone MAHESHWARI S (MS)/- FAX NO - Email maheshwaris@bharatpetroleum.in			
Contract Documents SL.No. Description	Purchase Grp: N34/R&D CENTRE NOIA Your quotation/Dated: Delivery date: 28.07.2021 Our Reference:			
Estimated Order Value : INR 4,302,000.00 (In words: Rs. Fourty Three Lakh Two Thousand Only.)				
Subject: VALORIZATION OF VACUUM RESIDUE TO GRAPHENE WITH KUMANUN UNIVERSITY With reference to your Quotation/Contract No. dated and subsequent correspondence/discussions had till date, we are pleased to issue our Purchase Order as per terms and conditions mentioned in this order. In case of clarification please contact:				
MAHESHWARI S (MS)				
NOTE : We request you to kindly raise separate invoices for capital and input items. Kindly refer to the bifurcation regarding nature of the item (Capital/ Input) mentioned against each line item(s). Due to statutory requirements, combined invoices for capital and input items will not be processed. You are requested to take note of this aspect and ensure that invoices are raised as per requirement. For any further clarifications/instructions/Site related information needed for rendering services as per scope of work, you are requested to contact our Engineer-in-charge MAHESHWARI S (MS).				
Item	MaterialNo. Description	OrderQuantity Price Currency	Unit	Net Value
Page 1 of 7	Please sign & send the duplicate copy of this order as acknowledgement		For Bharat Petroleum Corporation Ltd. Authorized by : VOOLAPALLI RK	

/s. DSB CAMPUS KUMAUN UNIVERSITY
VENDOR CODE:373128

PO number/date
4508478465 / 28.07.2021

Item	MaterialNo. Description	OrderQuantity Price	Unit Currency	Net Value
00010	Rel. ord. against contract 4600877189 Item 00010 1st Payment of KU Nature of Exp : Input HSN/SAC Code : 998732 Gross Price	1,290,600.00	INR	1,290,600.00
The item covers the following services: Expected value of unplanned services: 1,290,600.00				
00020	Rel. ord. against contract 4600877189 Item 00020 2nd payment of KU Nature of Exp : Input HSN/SAC Code : 998732 Gross Price	860,400.00	INR	860,400.00
The item covers the following services: Expected value of unplanned services: 860,400.00				
00030	Rel. ord. against contract 4600877189 Item 00030 3rd payment of KU Nature of Exp : Input HSN/SAC Code : 998732 Gross Price	860,400.00	INR	860,400.00
The item covers the following services:				
Page 2 of 7		For Bharat Petroleum Corporation Ltd. Authorized by : VOOLAPALLI RK		

S. DSB CAMPUS KUMAUN UNIVERSITY
ENDOR CODE:373128

PO number/date
4508478465 / 28.07.2021

Item	MaterialNo.	OrderQuantity	Unit	Net Value
	Description	Price	Currency	
Expected value of unplanned services:		860,400.00		
Rel. ord. against contract 4600877189 Item 00040				
00040	4th Payment of KU			
	Nature of Exp : Input			
	HSN/SAC Code : 998732			
	Gross Price	860,400.00	INR	860,400.00
The item covers the following services:				
Expected value of unplanned services:		860,400.00		
Rel. ord. against contract 4600877189 Item 00050				
00050	5th Payment of KU			
	Nature of Exp : Input			
	HSN/SAC Code : 998732			
	Gross Price	430,200.00	INR	430,200.00
The item covers the following services:				
Expected value of unplanned services:		430,200.00		
Total net item val.				4,302,000.00 INR
TOTAL AMOUNT (IN WORDS): RUPEES FORTY THREE LAC TWO THOUSAND ONLY				
Page 3 of 7		For Bharat Petroleum Corporation Ltd. Authorized by : VOOLAPALLI RK		

S. DSB CAMPUS KUMAUN UNIVERSITY
ENDOR CODE:373128

PO number/date
4508478465 / 28.07.2021

Common Conditions

Terms of payment.
PAY ON 30TH DAY

GST Registration No.: 09AAACB2902M1ZR

Our PAN details : AAACB2902M

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:-

- Standardization of different hydroponic methods for different food plants (vegetables/fruits)
- Selection of best methods for high yield of individual vegetable/fruit
- 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.

Contn.

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

Government of India
Ministry of Earth Sciences
Seismology Division

Prithvi Bhawan,
 Lodhi Road,
 New Delhi – 110003.
 Dated: 27/09/2019

SANCTION ORDER

Sub.: Financial assistance for the research project entitled, "Seismic Network in Kumaun Himalaya (Phase IV)".

PI: Prof. Rajeev Upadhyay, Department of Geology, Kumaun University, Nainital.

Co-PI: Prof. Charu C. Pant, Centre of Advanced Study in Geology, Kumaun University, Nainital.

Approval of the Competent authority is hereby conveyed under Rule 20 of the Delegation of Financial Power Rules, 1978. for the above-mentioned project at a total cost of Rs.1,79,65,680/- (Rupees one crore seventy nine lakh sixty five thousand six hundred and eighty only) for a period of three years under Seismicity & Earthquake Precursors Program, AO no. MoES/P.O.(Seismo)/8(15)/2018 date 28/05/2018. The items of expenditure for which the total allocation of Rs.1,79,65,680/- has been approved are given below:

Budget in Rupees					
	Item	1 st Year	2 nd Year	3 rd Year	Total
A	Recurring				
i	Salaries/wages				
	1. Project Scientist (One) @ 56,000 + 8% HRA.	7,25,760/-	7,25,760/-	7,25,760/-	21,77,280/-
	2. SRF (One) @ Rs.35,000/- p.m. + 8% HRA.	4,53,600/-	4,53,600/-	4,53,600/-	13,60,800/-
	3. Project Assistant (One) @ 20,000/- + 8% HRA.	2,59,200/-	2,59,200/-	2,59,200/-	7,77,600/-
ii	Consumables	1,50,000/-	1,50,000/-	1,50,000/-	4,50,000/-
iii	Travel Including field's expenses etc.	2,00,000/-	1,50,000/-	1,50,000/-	5,00,000/-
iv	Contingency and Other costs				
	1) Payment of watch & ward and remuneration to field staff, computer cartridge/items, photocopy, stationary computer, Safety and maintenance of equipments etc.	4,00,000/-	4,00,000/-	4,00,000/-	12,00,000/-
	2) construction of Huts & Pillars (Nos. 5)	12,50,000/-	---	---	12,50,000/-
	Total A	34,38,560/-	21,38,560/-	21,38,560/-	77,15,680/-
B	Non Recurring				

Type text here				
1)	a. Broad Band Seismograph (6 no.)	90,00,000/-	---	90,00,000/-
	b. Power Pack system (6 nos). It includes Solar Panel 160W, Battery Pack 200Ahr, Charge controller 15 Ahr, Earthling and lightning arrester)	6,00,000/-	---	6,00,000/-
2)	a. Desktop data server (One)	2,00,000/-	---	2,00,000/-
	b. Laptop (Two)	1,50,000/-	---	1,50,000/-
	Total B	99,50,000/-	---	99,50,000/-
C	Overhead	1,00,000/-	1,00,000/-	3,00,000/-
	Grand Total(A+B+C)	1,34,88,560/-	22,38,560/-	1,79,65,680/-

2. Sanction of the president is also here by conveyed to the payment of **Rs.1,34,88,560/-** (Rupees one crore thirty four lakh eighty eight thousand five hundred and sixty only) to the Registrar, Kumaun University, Nainital as the first installment in the CFY 2019-20 for implementation of the project as follows:

S. No	Head	Amount in Rupees
1	Salary	14,38,560/-
2	Consumables	1,50,000/-
3	Travel	2,00,000/-
4	Contingency and Other costs	16,50,000/-
5	Non-Recurring	99,50,000/-
5	Overhead	1,00,000/-
	Total	1,34,88,560/-

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

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

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

6. Overhead expenses are meant for the host institute towards the cost for providing infrastructural facilities and benefits to the staff employed in the project, etc.

7. The Grant-in-aid being released is subject to the condition that

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

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

8. It is desirable to have MoES nominee in the selection process for recruitment of JRF/SRF/RA/Scientists in the project.

9. The position of project staff is co-terminus with the duration of the project & MoES would have no liability towards such manpower costs beyond the duration of the project.

10. The grantee organisation will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. The interest earned/accrued should be reported to MoES (financial year wise) while submitting the Statement of Expenditure/Utilization Certificate. As per rule 230(8) of GFR 2017, all interests or other earnings against Grants-in-aid released to the grantee Institution should be mandatorily remitted to the Consolidated Fund of India immediately after finalization of the accounts. It should not be allowed to be adjusted against future releases.

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

12. Expenditure, Advance and Transfer (EAT) module of PFMS should be activated for the grants released under the project and expenditure under the project shall be monitored through EAT module.

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

14. All the future correspondence regarding the project may be addressed to Adviser & Head, Geosciences/Seismology Division.

15. Data acquired under the project needs to be sent to Ministry regularly and it should not be shared with any private agency/foreigner, without prior approval of MoES.

16. The expenditure involved is debit able to Demand No.23 Ministry of Earth Sciences

3425	- Other Scientific Research (Major Head)
60.200	- Assistance to Other Scientific Bodies (Minor Head)
52	- Research Education and Training Outreach (REACHOUT)

Rs. 35,38,560/- to be booked from

52.00.31 - Grants-in-aid-General for the year 2019-20

Rs. 99,50,000/- to be booked from

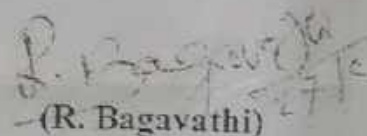
52.00.35 - Grants-in-creation of Capital assets for the year 2019-20

17. The amount of Rs.1,34,88,560/- (Rupees one crore thirty four lakh eighty eight thousand five hundred and sixty only) sanctioned in para 2, will be drawn by DDO, MoES and will be disbursed to the Registrar, Kumaun University, Nainital through RTGS as per following details:

Name of the Bank	:	State Bank of India
Account Type	:	Saving
IFSC Code	:	SBIN0000687
Account No.	:	10860839791
MICR No.	:	263002068
Branch Name	:	SBI, the Mall, Nainital.

18. As per Rule 234 of GFR 2017, this sanction has been entered at S. No. 189 Page No. 88 in the register of grants maintained in the Division of the scheme (REACHOUT).

19. This issues with the concurrence of IFD Vide their Concurrence Dy. No. 396/IFD/5932/2019-20/REACHOUT dated 25/09/2019 and approval of the Secretary vide Dy. No. 5932/Secy./2019 date 26/09/2019.


(R. Bagavathi)

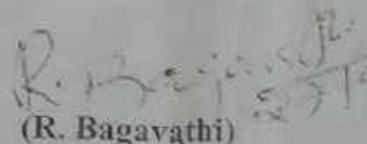
Under Secretary to the Govt. of India

To,

Pay and Accounts Officer, MoES, New Delhi - 110 003

Copy forwarded for information and necessary action to:

1. The Principal Director of Audit, Scientific Department, IIIrd Floor, AGCR Building, IP Estate, New Delhi - 110 002.
2. The Registrar, Kumaun University, Nainital - 263002.
3. Prof. Rajeev Upadhyay, Department of Geology, Kumaun University, Nainital-263002.
4. Prof. Charu C. Pant, Department of Centre of Advanced Study in Geology, Kumaun University, Nainital - 263002. Codal provisions and GOI instructions on the subject matter issued from time to time will be followed.
5. Cash section, MoES (with two spare copy of the sanction for making necessary payment to the grantee.)
6. Sanction Folder/ File copy.
7. Head, Seismology Division, MoES, New Delhi.


(R. Bagavathi)

Under Secretary to the Govt. of India



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

Ref. No.: GBPNI/NMHS-2019-20/MG

Date: 17-10-2019

Email/Speed Post
 <nppnainital@gmail.com>

To,

Mr. Sachin Negi
 Chairman, Municipal Board
 Payal Hotel, Tallital, Nainital
 Uttarakhand-263002

Subject: Approval of the Medium Grant (MG) for the project entitled " **A Multidimensional Remediation and Innovative Tailoring of Materialistic Waste (AMRITAM): An Innovative Approach for the Collection, Segregation and Upcycling of Solid Waste**"

Sir,
 I am directed to convey the approval of the Competent Authority for the above-mentioned project at a total cost of **Rs.3,49,99,000/- (Rupees Three Crore Forty Nine Lakh Ninety Nine Thousand 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
A. Recurring				
(i) Salary: 02 SRF @ 35,000/- + HRA 8% per month for three years. 01 RA-I @ Rs.47,000/- + HRA @ 8% per month for last two years. 02 SPF @ 18,000/- + HRA @ 8% or Minimum @ Rs.1800/- per month for three years. 03 JPF @ 16,000/- HRA @ 8% or Minimum @ Rs.1800/- per month for first two years and @ Rs.18,000/- + HRA @ 8% or Minimum @ Rs.1800/- for third year. 02 Field Assistant @ Rs.12,000/- fix per month for three years. 01 Project Assistant @ Rs.15,000/- fix per month for three years.	2491200.00	907200.00	3100320.00	8691840.00
(ii) Travel(Domestic):	350000.00	400000.00	375000.00	1125000.00
(iii) Consumables: Chemicals, Glassware.	700000.00	700000.00	700000.00	2100000.00
(iv) Contingency:	550000.00	550000.00	550000.00	1650000.00

7) Activities & other project cost: Samples Characterization, Training programs, workshops, fixing of 8 new bio-composting plants, operation cost of plants, patents filling, waste segregation, conduct the workshops and awareness program, conversion of solid waste into the value added products carbon nanomaterials, fuel and LPG, Characterizations of synthesized materials through advance techniques, Publication, advertisement, and submission of a final report.	1160720.00	1160720.00	1160720.00	2492160.00
(vi) Institutional charges/ Overhead:	150000.00	150000.00	150000.00	450000.00
B. Non Recurring				
(i) Equipment: Electrochemical Workstation with Solar cell Set up, Fuel cell Set-up and Supercapacitor application @ Rs.47.00 lakh- 1 nos, Ultrasonic Homogenizer @ Rs.7.00 Lakh -1 nos, Thermal Evaporator @ Rs.8.00 Lakh- 1 nos, Polymer Extruder @ Rs.8.00 Lakh- 1 nos, Universal Waste Upcycling Machine @ Rs.95.00 Lakh- 1 nos, Micro-composting plants (08 Units) @ Rs.10.00 Lakh.	17500000.00	0.00	0.00	17500000.00
Grand Total A+B	22901920.00	3867920.00	6036040.00	34999000.00

2. The approval of the project is subject to incorporation of following points:

- Staff already available with the municipality should be utilized for door-to-door waste collection.
- To offset the total cost the monthly amount for waste collection should be charged from residents by the municipality.
- The PI should ensure follow-up of the agreed time line with deliverables.
- A Certificate should be provided that this work is not the repeat of earlier work (as a mandatory exercise).
- 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.
- 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.

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

Project Objectives	Quantifiable Deliverables	Monitoring Indicators
• Collection and segregation all kinds of wastes through the Municipal Board, NGO and local people in Nainital region (all wards under	• Establish door to door collection (approx. 20-30 tonnes/day), which helps to managing the solid waste in all wards (covering about 45000 peoples from 15 wards) • "Micro Bio-Composting" plants (08) will be	• Waste collection (Tons/day) • Number of beneficiaries (Nos.)

• Municipal Board). • Characterization of waste according to their properties such as food, plastic, agriculture etc. • Development of new micro biocomposting plants in all wards for waste management. • To develop new Universal Waste Recycling Machine (UWRM) for the up-cyclization the all kinds of waste. • Recycling of all kind of waste into value added products such as carbon Nanomaterials, fuel and LPG. • To use Carbon nano materials (obtained from waste plastics) for the energy application	• established in different wards for maintaining ecology and bio-diversity to fulfill the concept of "solution at the source". • New innovative and affordable approaches for the segregation of solid waste for short and long term. • Establishment of Universal Waste Recycling Machine (UWRM) for upcycling plastic waste and the synthesis of carbon nanomaterials (15-20%), high value added fuel (20-30%) and LPG (40-50%). • Developing social and scientific coupled approach will help local Government, citizen groups and private sector to manage daily generated solid waste to achieve desired environment. • Conduct training modules for scientific and social communities for better understanding of solid waste and its handling approaches (Nos. 50). • Long and short term effective adaptive management plan for the project site environment. • Knowledge products i.e. one patent filing and 8 publications in peer review journal; 01 SoP	• Number of Bio-Composting plants established (Nos.) • Innovated new approach for the segregation of solid waste (Nos.) • Number of Training/Awareness Programme Organized (Nos.) • Number of beneficiaries village/ local people (Nos.) • No. of Reports/Research articles/Policy documents/ SOP prepared and published (Nos.)
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4. Sanction of the Competent Authority is also hereby conveyed for the release of **Rs.2,29,01,920/- (Rupees Two Crore Twenty Nine Lakh One Thousand Nine Hundred Twenty Only)** towards Grants-in-Aid to **The Chairman, Municipal Board, Payal Hotel, PO:Tallital, Nainital, Uttarakhand-263002** for the aforementioned NMHS-MG project for the Financial Year 2019-20 Plan/recurring being the 1st installment of grants as per the following break-up.

Expenditure Head	Amount (INR)
A : Recurring (as Above)	
(i) Salary	2491200.00
(ii) Travel	350000.00
(iii) Consumables:	700000.00
(iv) Contingency:	550000.00
(v) Activities & other project cost(as above):	1160720.00
(vi) Institutional charges/Overhead:	150000.00
B. Non Recurring	
(i) Equipment(as above):	17500000.00
Total A+B	22901920.00

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.

- 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 and Sustainable Development, 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 the expenditure of 80% 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 (annuai/ haif yearly/quarteriy) indicating progress made against each objective and quantifiable deliverables, both online on NMHS web portal <http://nmhsportal.org> and offline hardcopy via speed post, certified by the authorized person, along with data, photographs/satellite pictures, etc.
- 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 " **A Multidimensional Remediation and Innovative Tailoring of Materialistic Waste (AMRITAM): An Innovative Approach for the Collection, Segregation and Upcycling of Solid Waste**" 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 2019-20.
- 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** is to be opened for NMHS Project as per the provision Direct Beneficiary Account (DBA)/ Direct Benefit Transfer (DBT) as laid out by the Govt. of India, with facilitation of the audit of accounts as and when required. The interest earned out of the NMHS project Grant should be reported clearly in the latest Utilization Certificate (UC).
- XVII. The Project commissioned under "National Mission Himalayan Studies-Medium Grant" would be for the **tenure of three years w.e.f. 1.11.2019**. If the project proponent/ lead agency is able to produce the

desired results after mid-term evaluation/ assessment in terms of measurable and quantifiable deliverables on the ground, the extension can be given for maximum up to 2 years.

XVIII. As per the directive of the Govt. of India, the implementing agency should be registered online on **Public Financial Management System (PFMS)**. After registration on the PFMS (accessible at <https://pfms.nic.in/Users/LoginDetails/NewlayoutLogin.aspx>), please provide the Unique Code for further needful.

XIX. The amount of **Rs. 2,29,01,920/- (Rupees Two Crore Twenty Nine Lakh One Thousand Nine Hundred Twenty Only)** will be drawn by the Drawing and Disbursing Officer, G.B. Pant National Institute of Himalayan Environment and Sustainable Development, Kosi-Katarmal, Almora (U.K.) and disbursed to **The Chairman, Municipal Board, Payal Hotel, PO: Tallital, Nainital, Uttarakhand-263002** through bank by ECS. The Grantee will open a **new saving Bank Account** in a nationalized bank and send the following details to NMHS-PMU for release of the NMHS Grant.

Bank Name -
Account No. -
IFSC Code -
Account Holder -

6. The amount will be debited in the Major Head 3435.03.104.11.04.31 Grant-in-Aid-General-NMHS.

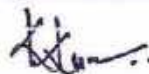
7. **Please send your acceptance with the Terms and Conditions of this NMHS Grant sanction letter so that aforementioned grant could be transferred to the Head of Implementing Agency through Bank transfer on the designated account.**

8. 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, GBPNIHESD

Copy to:

1. Dr. Subrata Bose, Director, Mountain Division, CS-I, 2nd Floor, Vayu Wing, Indira Paryavaran Bhavan, Ministry of Environment Forest & Climate Change, Govt. of India, Jorbagh Road, New Delhi-110003
2. PS to Director, G.B. Pant National Institute of Himalayan Environment and Sustainable Development, Kosi-Katarmal, Almora, Uttarakhand-263643
3. Finance Officer, G.B. Pant National Institute of Himalayan Environment and Sustainable Development, Kosi-Katarmal, Almora, Uttarakhand-263643
4. Principal Director of Audit, Scientific Department, AGCR Building, IP Estate, New Delhi
5. Database team, NMHS-PMU
6. Guard File - NMHS.

No.SR/WOS-A/EA-7/2019(G)
Government of India
Ministry of Science & Technology
Department of Science & Technology
KIRAN DIVISION

Technology Bhawan
New Mehrauli Road
New Delhi-110016
Dated: 31.03.2020

ORDER

Sub: Financial approval of the project under Women Scientist Scheme A (WOS-A) entitled "*Basin configuration and paleogeography of the pre-cryogenian succession of lesser Himalayan succession of Kumaun sector*".

PI: Dr. Poonam Jalal, Department of Geology, Kumaun University, Nainital-263002, Uttarakhand.

Sanction of the President is hereby accorded to the approval of the above mentioned project at a total cost of Rs 31,37,832/- (Rupees Thirty One Lakh Thirty Seven Thousand Eight Hundred Thirty Two only) for a duration of 3 years. The detailed breakup of the grant for General (Rs. 30,95,832/-) as well as Capital (Rs 42,000/-) Components are given below

Sl. No.	Heads	1 st Year	2 nd Year	3 rd Year	Total
A.	Non-Recurring (Capital Items)				
	Equipments:	42,000/-	-----	-----	42,000/-
	Computer with accessories				
B.	Recurring(General)				
	Fellowship for Ph.D @ Rs. 55,000/M+HRA@8%	7,12,800/-	7,12,800/-	7,12,800/-	21,38,400/-
	Consumables	1,50,000/-	1,50,000/-	1,50,000/-	4,50,000/-
	Contingencies	25,000/-	25,000/-	25,000/-	75,000/-
	Travel	70,000/-	70,000/-	60,000/-	2,00,000/-
C.	Overhead@8%	77,478/-	77,477/-	77,477/-	2,32,432/-
D.	Total of Recurring Grant (B+C)	10,35,278/-	10,35,277/-	10,25,277/-	30,95,832/-
E.	GRAND TOTAL (A+D)	10,77,278/-	10,35,277/-	10,25,277/-	31,37,832/-

2. Sanction of the grant is subject to the conditions as detailed in website www.online-wosa.gov.in
3. The sanction of the President is also accorded to the release of Rs 10,35,278/- (Rupees Ten Lac Thirty Five Thousand Two Hundred Seventy Eight only) under "General Component" The Registrar, Kumaun University, Nainital-263002, Uttarakhand being the first installment of the grant for the year 2019-2020 for implementation of the above mentioned project.
4. This sanction is subject to the condition that the grantee organization will furnish to the Department of Science & technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.
5. The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.
6. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.
7. The grant-in-aid being released is subject to the condition that.
 - (a) A transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/ Organization under the appropriate rules of the grantee organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant.
 - (b) While submitting Utilization Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grant under the project shall be considered only on receipt of the said documents.

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19/9/2020
[Handwritten Initials]

8. The Grantee Institute (GI) will maintain separate audited as per GFR 2017 Rule 230 (8) account for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grants released during FY 2018-2019 and onwards interest and other earnings, against released Grant shall be remitted to Consolidated Fund of India, immediately after finalization of accounts, as it shall not be adjusted towards future release of Grant. A certificate to this effect shall have to be submitted along with statement of expenditure/utilization certificate for considering subsequent release of grant/closure of project accounts. GI should also follow Rule 230 (17) of GFR 2017 concerning to reservation of SC/ST/OBC, if applicable.

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

10. The Principal Investigator under Women Scientist Scheme is not permitted to withdraw any emoluments/ salary/fellowship from any other project either supported by DST or by any other funding agency.

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

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

13. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.

14. The expenditure involved is debitable to Demand No.86, Department of Science & Technology for the year 2019-20.

3425 Other Scientific Research (Major Head)

60 Others (Sub-Major Head)

60.200 Assistance to other Scientific Bodies (Minor Head)

68 Science and Technology Institutional and Human Capacity Building (Sub Head)

01 Disha Programme for Women in Science

68.01.31 Grants-in-aid General for the year 2019-2020 (Voted).

(Previous: Disha Programme for Women in Science 3425.60.200.55.01.31)

15. The amount of Rs 10,35,278/- (Rupees Ten Lac Thirty Five Thousand Two Hundred Seventy Eight only) will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed The Registrar, Kumaun University, Nainital-263002, Uttarakhand. The bank details for electronic transfer of funds through RTGS are given below:

Institute name	: Kumaun University, Nainital
Bank Name	: State Bank of India
Account Number	: 10860839791
Branch	: Nainital
IFSC code	: SBIN0000687

16. As per Rule 234 of GFR 2017, this sanction has been entered at S. No. 745 in the register of grants maintained in the KIRAN Division for scheme (KIRAN: WOS-A).

17. This issues with the concurrence of IFD Vide their Concurrence Dy.No)/6216/2019-20 dated 11.03.2020

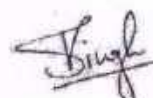
18. Goods (consumables/equipment) available in GeM portal are to be procured mandatorily online through GeM only.



(Vandana Singh)
Scientist-E

Copy for information and necessary action to:-

1. The Director of Audit (CW & M-II), AGCR Building, IP Estate, New Delhi-110 002.
2. Copy with two spare copies of the sanction to the Drawing & Disbursing Officer, DST, Cash Section
3. The Registrar, Kumaun University, Nainital-263002, Uttarakhand.
4. Dr. Rajeev Upadhyay, Professor, Department of Geology, Kumaun University, Nainital-263002, Uttarakhand.
5. Dr. Poonam Jalal, Department of Geology, Kumaun University, Nainital-263002, Uttarakhand.
6. Pay & Accounts Officer, DST, New Delhi.
7. IFD, DST, New Delhi.
8. Sanction Folder.



(Vandana Singh)
Scientist-E

No.SR/WOS-A/EA-20/2019 (G)
Government of India
Ministry of Science & Technology
Department of Science & Technology
KIRAN DIVISION

Technology Bhawan
New Mehrauli Road
New Delhi-110016
Dated 26.08.2020

ORDER

Sub: Financial approval of the project under Women Scientist Scheme A (WOS-A) entitled ***"Assessment of tectonic deformation in Satluj river basin, Kinnaur using morphometric and geomorphic analysis"***.

PI: Dr. Moulisree Joshi, Centre for Advanced Study in Geology, Kumaun University, Nainital-263002, Uttarakhand.

Sanction of the President is hereby accorded to the approval of the above mentioned project at a total cost of **Rs 30,47,949/-** (Rupees Thirty Lakh Forty Seven Thosand Nine Hundred Fourty Nine only) for a duration of 3 years. The detailed breakup of the grant for General (**Rs. 28,89,174/-**) as well as Capital (**Rs 1,58,775/-**) Components are given below:

Sl. No.	Heads	1 st Year		2 nd Year	3 rd Year	Total
		6 Months	6 Months			
A.	Non-Recurring (Capital Items)					
	Equipments: Computer, Camera	1,58,775/-		-----	-----	1,58,775/-
B.	Recurring(General)					
	Fellowship for Ph.D @ Rs. 55,000/M+HRA@8%	7,12,800/-		7,12,800/-	7,12,800/-	21,38,400/-
	Consumables Including OSL data charges	70,000/-		70,000/-	60,000/-	2,00,000/-
	Contingencies	25,000/-		25,000/-	25,000/-	75,000/-
	Travel: Including field visit		90,000/-	80,000/-	80,000/-	2,50,000/-
C.	Overhead@8%	75,258/-		75,258/-	75,258/-	2,25,774/-
D.	Total of Recurring Grant(B+C)	8,83,058/-		9,63,058/-	9,53,058/-	28,89,174/-
E.	GRAND TOTAL (A+D)	10,41,833/-	90,000/-	9,63,058/-	9,53,058/-	30,47,949/-

2. Sanction of the grant is subject to the conditions as detailed in website www.online-wosa.gov.in

3. The sanction of the President is also accorded to the release of **Rs 8,83,058/- (Rupees Eight Lakh Eighty Three Thousand Fifty Eight only)** under "General Component" The **Finance Officer, Kumaun University, Nainital-263002, Uttarakhand** being the first installment of the grant for the year 2020-2021 for implementation of the above mentioned project.

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

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

6. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.
7. The grant-in-aid being released is subject to the condition that.
- (a) A transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/ Organization under the appropriate rules of the grantee organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant.
- (b) While submitting Utilization Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grant under the project shall be considered only on receipt of the said documents.
8. The Grantee Institute (GI) will maintain separate audited as per GFR 2017 Rule 230 (8) account for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grants released during F/Y 2020-2021 and onwards interest and other earnings, against released Grant shall be remitted to Consolidated Fund of India, (through Non-Tax Receipt Portal (NTRP), i.e. www.bharatkosh.gov.in), immediately after finalization of accounts, as it shall not be adjusted towards future release of Grant. A certificate to this effect shall have to be submitted along with statement of expenditure/utilization certificate for considering subsequent release of grant/closure of project accounts. GI should also follow Rule 230 (17) of GFR 2017 concerning to reservation of SC/ST/OBC, if applicable.
9. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.
10. The Principal Investigator under Women Scientist Scheme is not permitted to withdraw any emoluments/ salary/fellowship from any other project either supported by DST or by any other funding agency.
11. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C& AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.
12. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.
13. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.
14. The expenditure involved is debitable to Demand No.87, Department of Science & Technology for the year 2020-21:
- 3425 Other Scientific Research (Major Head)
- 60 Others (Sub-Major Head)
- 60.200 Assistance to other Scientific Bodies (Minor Head)
- 68 Science and Technology Institutional and Human Capacity Building (Sub Head)
- 01 Disha Programme for Women in Science
- 68.01.31 Grants-in-aid General for the year 2020-2021 (Voted)
- (Previous: Disha Programme for Women in Science 3425.60.200.55.01.31)
15. The amount of **Rs 8,83,058/- (Rupees Eight Lakh Eighty Three Thousand Fifty Eight only)** will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed The Finance Officer, **Kumaun University, Nainital-263002, Uttarakhand**. The bank details for electronic transfer of funds through RTGS are given below:-

Institute name	: Kumaun University, Nainital
Bank Name	: State Bank of India
Account Number	: 10860839791
Branch	: Nainital
IFSC code	: SBIN0000687

16. Goods (consumables/equipment) available in GeM portal are to be procured mandatorily online through GeM and PI will also follow DoE's guidelines for incurring expenditure under the different sub-head.

17. The project continuation beyond 31.03.2021 will be subject to appraisal and approval of the continuation of the Scheme under which these projects are funded as approved by DoE vide their OM No.42(02)/PF-II/2014, dated 06.08.2020.

18. As per Rule 234 of GFR 2017, this sanction has been entered at S. No. 288 in the register of grants maintained in the **KIRAN Division** for scheme (**KIRAN: WOS-A**).

19. This issues with the concurrence of IFD Vide their Concurrence Dy.No/1487/2020-21 dated 20.08.2020.



(Vandana Singh)
Scientist-E

Copy for information and necessary action to:-

1. The Director of Audit (CW & M-II), AGCR Building, IP Estate, New Delhi-110 002.
2. Copy with two spare copies of the sanction to the Drawing & Disbursing Officer, DST, Cash Section.
3. The Finance Officer, Kumaun University, Nainital-263002, Uttarakhand.
4. Dr. Bahadur Singh Kotlia, Professor, Research Scientist-C, Centre for Advanced Study in Geology, Kumaun University, Nainital-263002, Uttarakhand.
5. Dr. Moulishree Joshi, Centre for Advanced Study in Geology, Kumaun University, Nainital-263002, Uttarakhand.
6. Pay & Accounts Officer, DST, New Delhi.
7. IFD, DST, New Delhi.
8. Sanction Folder.



(Vandana Singh)
Scientist-E