



**G. B. PANT NATIONAL INSTITUTE OF HIMALAYAN ENVIRONMENT
KOSI-KATARMAL, ALMORA 263643 (UTTARAKHAND)**

Applications are invited for following purely project based temporary positions under various projects at Kosi-Katarmal (Almora) campus of the Institute. Candidate having appropriate qualifications in relevant subject/specialization with consistently good academic records and experience may send their application form in the prescribed format with all supporting documents and CV to the undersigned by e-mail (os@gbpihed.nic.in) on or before **8 August, 2020**. **It is essential to mention the name of project and position applied for and post code number in the subject area of mail.** Application in the prescribed format will only be accepted. The shortlisted candidates will be informed separately about date of interview. **The interview will be held through virtual mode (Audio/Video).**

S. No.-1

Position (No.)/ Emoluments and age	Post Code	Qualification	Responsibility
Project Name- NMHS funded project entitled “3D Data Analysis and Visualization Lab (3D DAVL-VRIHAD)”.			
System Manager (1 No.) (@ Rs. 40,000/- PM fixed) Age Limit: 40 Years*	PC-01	<u>Essential:</u> i) M.Tech/B.Tech/MCA in Computer Science Engineering/ Information Technology/ Electronics & Communication Engineering or any such discipline related to Animation, Digital Image processing or equivalent with first class AND ii) One year work experience in case of M.Tech or three years for B.Tech/MCA in: System Administration, Server Handling, Networking, 3D Animation, 3D Geoinformatics or related area. <u>Desirable:</u> M.Tech with GATE qualification, Knowledge in Linux environment, Experience in handling GIS software including ArcGIS and Satellite Image feature automated extraction, Mathematical Modeling and hands on 3D software packages.	i. Overall Management of 3D lab ii. Proof of Concept studies iii. Baseline data generation over GIS platform iv. 3D rendering through animation using available software for visual interpretation v. Integrating the modeling outputs to generate futuristic data vi. Demonstration of the facility as and when required vii. Assisting the decision makers, planners and scientists in 3D rendering and interpretation.

Sl.No.-2

Position (No.)/ Emoluments and age	Post Code	Essential Qualification	Desirable	Nature of Duties & responsibilities
Project Name- In-house project entitled “Water Security in Himalayan through Spring-Ecosystem Assessment and Management”				
Junior Project Fellow (01 No.) (Rs. 20,000 pm +Rs. 1800 HRA) Age Limit: 28 Years*	PC-02	1 st class M.Sc. in Geology/ Geophysics/Mathematical Science Physical Sciences/ Environmental Sc.	Good knowledge of any of the programming software, such as R, Mat Lab, etc.	Assessment of spring-ecosystem integrity within the Himalayan landscapes, and identification and prioritization of indicators for spring ecosystem health.
Junior Project Fellow (01 No.) (Rs. 20,000 pm +Rs. 1800 HRA) Age Limit: 28 Years*	PC-03	1 st class M.Sc./M.Tech/B.Tech in Remote Sensing and GIS or Computer Science Engineering/ Information Technology with first class from the recognized university. Minimum six month experience or industrial/organizational training in Remote Sensing and GIS	Experience in handling RS/GIS software including ERDAS Imagine and Arc GIS. Knowledge of satellite image classification, GIS Modelling, Knowledge of GPS/DGPS survey and good writing & communication skills.	Field visit for data collection/ground truth using GPS/DGPS Baseline data compilation over suitable GIS platform Different thematic map generation Data synthesis and analysis GIS modelling Technical Report writing Any other activities as assigned by officials
Junior Project Fellow (01 No.) (Rs. 20,000 pm +Rs. 1800 HRA) Age Limit: 28 Years*	PC-04	1 st Class Master’s degree in Earth Sciences (including geology, geography, Environmental science, and other related areas)/ Physical Sciences (including Chemistry, Physics, and other related areas) or M. Tech in environmental engineering/ hydrology and other related streams	Field experience in soil and water conservation/ watershed behavior and conservation practices/ a good understanding of hydro-geology of mountain areas/, knowledge of working with RS-GIS software/ should have the knowledge of working with lab based analytical techniques	Have to work in lower altitude mountain areas for field studies such as data collection, etc. to perform lab based analytical work and data analysis through statistical tools etc.

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Sl.No.-3

Position (No.)/ Emoluments and age	Post Code	Essential Qualification	Desirable	Nature of Duties & responsibilities
Project Name- NMHS funded project title - Spring Rejuvenation for Water Security in Himalaya				
Junior Research Fellow (01 No.) JRF @ Rs.31,000/- + HRA @ 8% per month for first two years and Rs.35,000/- + HRA @ 8% for third year Age Limit: 28 Years*	PC-05	1 st Class Master degree in Soil & Water Conservation/Hydrology/Water Resource Development & Management/ Civil/ Environmental Engg.	Preference will be given to the candidates having research experience/ knowledge of water resource development and assessment works, watershed management, groundwater or spring rejuvenation work, hydrological simulation modeling, soil and water conservation, application of RS and GIS etc.	JRF will be responsible for Analytical work of the projects Coordination with 11 partners of the projects Design and analysis of hydro-geological work and groundwater rejuvenation work Capacity building programmes Compilation and writing of report (quarterly basis) and other research publications Help PIs in other research related works
Junior Project Fellow (JPF) or Project Assistant (01 No.) Rs.20,000/-+ HRA @ 8% or minimum Rs.1,800/- per month for first two years and Rs. 23,000/- + HRA @ 8% per month for third years Age Limit: 28 Years*	PC-06	1 st Class Masters in Geology/Earth Sciences/ Civil/ Environmental Sciences	Preference will be given to the candidates having research experience/ knowledge of water resource development and assessment works, watershed management, groundwater or spring rejuvenation work, hydrological simulation modeling, soil and water conservation, application of RS and GIS etc.	Field data collection and analysis Inventory and mapping of the springs, geo-database preparation, field interventions, RS and GIS studies Laboratory analysis Help PIs and JRF in project related work

Sl.No.-4

Position (No.)/ Emoluments and age	Post Code	Essential Qualification	Responsibility
Project Name- project entitled "Community driven eco-smart model village development to improve livelihoods and foster ecological security in the Himalaya"			
Technology Associate (01 No.) (@ Rs. 40,000/- PM fixed) Age Limit: 45 Years*	PC-07	<ul style="list-style-type: none"> 1st class M.Sc. / M.A. & Ph.D. (Life Sciences/Social Sciences/ Environmental Sciences) from a recognized University. Ten years experience of working in R&D projects, and minimum 3 years experience in R&D projects related to training and capacity building on livelihood improvement, rural enterprise development, natural resource based income generating activities in Himalayan region evidenced through project technical reports/publications. 	Execute R&D based environment-friendly rural technologies in project target villages, organize/ facilitate training and capacity building workshops & meetings, liaison with R&D organizations/ Universities/State government Line Deptts./ NGOs. etc., Use of R&D data into policy/ programme uptake (science-policy-practice), attending meetings with stakeholders at local, regional & state levels, data collection, syntheses and technical report writing.

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Master trainer (01 No.) @ Rs. 32,000/- PM fixed) Age limit: 50 years*	PC-08	<ul style="list-style-type: none"> Ist class Masters in Social Sciences / Environmental Sciences/ Professional Course on Social Work from a recognized University Ten years experience of demonstrating / training and capacity building of farmers, women, Govt. Line Deptts./NGOs etc. on cost-effective, income generating R&D based environment-friendly rural technologies among rural communities of Himalayan region. 	Demonstrate and impart trainings on R&D based hill-specific rural technologies, organize exhibitions at various places at local/state/national levels, data collection and data entry on eco-friendly rural development activities, syntheses and technical report writing.
Field Assistant (01 No.) @ Rs. 12,000/- PM fixed Age limit: 30 years*	PC-09	<ul style="list-style-type: none"> Intermediate in Science with experience of 5 years on assistance in setting up of R&D demonstrations on livelihood improvement & rural development, organization of village level meetings, exhibitions and household surveys in Himalaya Region. <p>Desirable:</p> <ul style="list-style-type: none"> Six months experience of computer course, typing hindi/ english. 	<ul style="list-style-type: none"> Assistance in field and lab. work to project team on rural development related activities / maintenance of R&D demonstrations, organize village level meetings / exhibitions etc.

Sl.No.-5

Position (No.)/ Emoluments and age	Post Code	Essential Qualification	Desirable Qualifications	Nature of work
Project Name- Institute funded project title 'Fostering Climate Smart Communities in the Indian Himalayan Region'.				
Research Associate-I (01 No.) Rs. 47,000 + 8% HRA Age limit: 40 years*	PC-10	PhD in Physical/ Environmental/ Earth Sciences, Natural Resource Management/ Environmental Management / Geography/Climate Science/ RS and GIS or allied subject (After obtaining the degree of Ph.D/M.Tech., the SPF (Non-NET) selected shall be eligible for being appointed as Research Associate)	(i) Experience in research and development/survey/ planning/ RS&GIS/supervision or training etc. in the specified fields. (ii) Demonstrated experience of report writing and documentation supported with publications (iii) Working experience in the Himalayan region (iv) Good comprehension and communication skills, and well versed with Himalayan States.	(i) To play an active role in work related to the project activities, data acquisition, analyses and interpretation, and participation in field work. (ii) Efficient coordination of Project activities (iii) Developing policy briefs (iv) Assisting in project monitoring, report writing, synthesis, liaison with other Institutions/ Universities/ Line Departments (v) Organizing relevant consultations, workshops, conferences, seminars, awareness/ training programs involving diverse stakeholders

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<p>Senior Project Fellow (01 No.)</p> <p>Rs. 23,000 + 8% HRA as per norms</p> <p>Age limit: 32 years*</p>	PC-11	<p>1st Class Master Degree in Geography/ Climate Science/ RS and GIS or allied subject.</p> <p>02 years of experience in required areas Or 1st Class M.Tech Degree in RS and GIS</p>	<p>(i) Experience of Satellite image processing and handling of statistical software</p> <p>(ii) Experience of environmental data collection and analysis</p> <p>(iii) Research exposure as documented and evident by publication record and experience in policy making, planning or management related to Environmental challenges.</p> <p>(iv) Working experience in the Himalayan region.</p>	<p>(i) To play an active role in working related to the project activities, data acquisition, analysis and interpretation, and participation in field work.</p> <p>(ii) Assisting in analytical work, report writing, synthesis, liaison with other Institutions/ Universities/ Line Departments</p> <p>(iii) Assisting in organizing relevant consultations, workshops, conferences, seminars involving diverse stakeholders</p> <p>(iv) Any other scientific/technical jobs that may be assigned from time to time</p>
<p>Junior Project Fellow (01 No.)</p> <p>Rs. 20,000/- + 1,800 HRA as per norms</p> <p>Age limit: 28 years*</p>	PC-12	<p>1st Class Master Degree in Life Science or allied subject.</p>	<p>(i) Experience of handling HPLC/GC etc.</p> <p>(ii) Experience of field work in Himalaya</p> <p>(iii) Knowledge of medicinal plants/wild edibles/value addition</p>	<p>(i) To play an active role in work related to the project activities, data acquisition, analyses and interpretation, and participation in field work.</p> <p>(ii) Assisting in organizing relevant consultations, workshops, conferences, seminars involving diverse stakeholders</p>
<p>Junior Project Fellow (01 No.)</p> <p>Rs. 20,000/- + 1,800 HRA as per norms</p> <p>Age limit: 28 years*</p>	PC-13	<p>1st Class Master Degree in Physical/ Environmental/ Earth Sciences, Natural Resource Management/ Environmental Management or allied subject.</p> <p>Or 1st Class B.Tech / M.Tech Degree in Civil/ Environmental Engineering or allied subject</p>	<p>(i) Experience of environmental data collection and analysis.</p> <p>(ii) Knowledge of working with statistical software</p> <p>(iii) Working experience in the Himalayan region</p>	<p>(ii) Any other scientific/technical jobs that may be assigned from time to time</p>
<p>Field Assistant (02 Posts)</p> <p>Rs. 12,000/- fixed</p> <p>Age limit: 35 Years*</p>	PC-14	<p>Graduate from any stream</p>	<p>(i) Knowledge of computer (i.e. MS-Office, Internet) and official work.</p> <p>(ii) Experience of field data collection in the Himalayan region</p>	<p>(i) Assisting officials for entry of records, baseline data generations and field work at Indian Himalayan Region.</p> <p>(ii) Any other scientific/technical jobs that may be assigned from time to time</p>

Sl.No.-6

Position (No.)/ Emoluments and age	Post Code	Essential Qualification	Desirable Qualifications	Nature of work
Project Name- In house project entitled ‘Mainstreaming Himalayan Biodiversity for sustainable development.’				
Research Associate (01 No.) Rs. 47,000/ p.m. + HRA Age limit: 35 years*	PC-15	Doctoral degree (Ph. D. or equivalent) in Life Sciences or first class Masters degree in Botany/ Forestry/ Environmental science/ Biodiversity/ Ecology/Natural Resource Management with five years research experience (After obtaining the degree of Ph.D/M.Tech., the SPF (Non-NET) selected shall be eligible for being appointed as Research Associate)	Research experience in Himalayan Ecosystem/ Mountain terrain/ landscape management/ biodiversity conservation with publications in reputed journals.	Extensive field work, documentation and development of knowledge products and project reporting and document preparation. Place of work- Anywhere in Himalaya
Junior Project Fellow (01 No.) Rs. 20,000/ p.m. + HRA Age limit: 28 years*	PC-16	First class Masters degree in in Botany/ Forestry/ Environmental science	Work experience in Himalayan Ecosystem/ Mountain terrain	Field based research for data collection, analysis and report writing, Knowledge product development Place of work- Anywhere in Himalaya
Senior Project Fellow (01 No.) Rs. 23,000/ p.m. + HRA Age limit: 32 years*	PC-17	First class Masters degree in chemistry/ pharmacy/ with two years research experience as JRF/JPF	Experience of working on Himalayan plants	Lab/field based research, data collection, analysis and report writing, Knowledge product development Place of work- Anywhere in Himalaya
Senior Project Fellow/Trainer (01 No.) Rs. 23,000/ p.m. + HRA Age limit: 32 years*	PC-18	First class Masters degree in Botany/Forestry/Biodiversity with two years research experience as JRF/JPF	Experience of working with Himalayan communities, and have experience of organizing meeting/workshop, etc., event report preparation	Organize conservation education programmes, meeting at different villages, liaisoning with different offices, etc. Place of work- Anywhere in Himalaya
Field Assistant (02 Nos.) Rs. 12,000/ p.m. fixed Age limit: 35 years*	PC-19	Intermediate with 5 years experience of working in Himalayan region for nursery development, restoration of degraded lands, medicinal plants cultivation, research data collection, etc.	Experience of working with Himalayan communities	To assist in field demonstration, technology transfer, capacity building, database development, data analysis and manual/report preparation Place of work- Anywhere in Himalaya

Sl.No.-7

Position (No.)/ Emoluments and age	Post Code	Essential Qualification	Desirable Qualifications	Nature of work
Project Name- Kailash Sacred Landscape Conservation and Development Initiative (KSLCDI). The posts are for six months. (ICIMOD Kathmandu) (upto December 2020)				
Project Coordinator (01 No.) Rs. 60,000/ p.m. (Fixed) Age limit: 45 years*	PC-20	Doctoral degree (Ph.D.) in Botany/ Zoology/Forestry/ Biodiversity/ Ecology/ Natural Resource Management with minimum of 5 years experience of R&D work in the Himalayan region.	Research experience in Himalayan Ecosystem/ Mountain terrain/ landscape management / trans-boundary landscape conservation	Coordination of project activities, documentation and development of knowledge product and project reporting Place of work- Uttarakhand
Field Researcher (01 No.) Rs. 30,000/ p.m. (fixed) Age limit: 40 years*	PC-21	Masters degree in Botany/ Forestry/Ecology	Working experience in ethnobotany/plant taxonomy/ natural resource management/knowledge product development	Extensive field work, information collection, analysis, synthesis and knowledge product development. Place of work- Uttarakhand
Project/ documentation Assistant (01 No.) Rs. 15,000/ p.m. (fixed) Age limit: 55 years*	PC-22	Bachelor degree in Arts (B.A.)	Working experience in documentation /information and data compilation in Himalayan environment	To assist team of project in information collection, documentation and of project and data collection from field. Knowledge of computer and data entry is essential Place of work- Uttarakhand

Sl.No.-8

Position (No.)/ Emoluments and age	Post Code	Essential Qualification	Desirable Qualifications	Nature of work
Project Name- Promoting conservation and utilization of <i>Dactylorhiza</i> (D.Don) Soo and <i>Paris polyphyla</i> Smith. Using biotechnological and ecological approaches in western Himalaya (USCS&T, Dehradun)				
Senior Research Fellow (01 No.) Rs. 14,000/ p.m. (fixed) Age limit: 32 years*	PC-23	First Class Masters degree in Botany/ Forestry/Ecology/ Biotechnology).	Specialization and/or experience of working in biodiversity conservation, Natural resource management, and knowledge product development	Extensive field / lab work, data collection, analysis, and knowledge product development Place of work- Uttarakhand

Sl.No.-9

Position (No.)/ Emoluments and age	Post Code	Essential Qualification	Desirable Qualifications	Nature of work
Project Name- Ecosystem functioning and services of Himalayan temperate forests under anthropogenic changes: a plant functional trait based evaluation (NMHS-FRI, Dehradun)				
Project Associate I (01 No.) Rs. 31,000/ p.m. +HRA Age limit: 35 years*	PC-24	First Class Masters degree in Botany/ Forestry/ Biotechnology/Plant Physiology)	Specialization and/or experience working in ecophysiological aspect and handling photosynthesis system	Extensive field / lab work, information collection, analysis, synthesis and knowledge product development. Place of work- All over Indian Himalayan region (IHR)

Sl.No.-10

Position (No.)/ Emoluments and age		Essential Qualification	Desirable Qualifications	Nature of work
Project Name- Detailed Assessment of Medicinal and Aromatic Plant (MAP) species including their collection, usage, demand, markets, price trends and life cycle, focusing on landscapes in Jammu & Kashmir and Uttarakhand. The posts are for four months (UNDP New Delhi) (upto November 2020)				
Field Biologist (01 No.) Rs. 25,000/ p.m. +HRA Age limit: 35 years*	PC-25	First class Master degree in (Botany, Forestry and Biotechnology) with 3 years experience of research in Himalayan plants	Experience of working in hilly areas particularly for field survey and data collection/knowledge product development	Extensive field work, information collection, analysis, synthesis and knowledge product development. Place of work- Uttarakhand

Sl. No.-11

Position (No.)/emoluments/ age		Qualification	Job description and desirable qualification
Project Name- Project Title (NMHS-UBB): Mainstreaming landscape approach for biodiversity conservation, improved livelihoods and ecosystem health in Kailash scared landscape part of India			
Senior Project Fellow (01 No.) Initially upto one year @Rs 18,000/= (Fixed Per Month) + HRA as per Institute norms Age limit: 32 years*	PC-26	• First class Master degree in Life science/ Environmental Sciences with two years of research experience	<ul style="list-style-type: none"> • Conduct intensive research in remote mountain villages • Develop restoration model at different locations in the Pithoragarh district

*Relaxation in upper age limit for SC/ST/OBC/Women/Physically handicapped candidates as per rules.

**G B Pant National Institute of Himalayan Environment
Kosi-Katarmal, Almora-263643, Uttarakhand**

Instructions to fill in Application Form:

General

- (a) Please download the attached Form, complete it, and return.
- (b) No Column of application form should be left blank.
- (c) Use additional sheets where necessary, with relevant columns drawn thereon, inserting proper references.
- (d) Completed application should be accompanied by all the requisite documents. You are requested to go through the “check list” of documents before submitting the application. **Incomplete applications are liable to be rejected.**
- (e) Photocopies of documents asked for need self-attestation.

Item No. 1. Name given here should be the same as given in your matriculation/higher secondary certificate and degree certificates. If there is a change, addition or deletion, an affidavit from a Notary Public/Magistrate is necessary.

Item No.9. In case grades are awarded, please attach the sheet giving conversion of grades to percentage of marks.

Item No. 11(Annexure IIa). Specializations may be indicated in terms of (a) Subject (b) Broad Area(s) of specialization and (c) Exact area(s) of specialization.

”
Check list of documents to be attached

1.	Photograph on the main application form	Yes/No
2.	Affidavit if you carry different name/surnames in your certificates	Yes/No
3.	Attested copy of School Leaving/High School/Secondary School Certificate (For date of birth)	Yes/No
4.	Attested copies of Mark Sheets/Grade Cards & Degrees for BSc/MSc/MPhil/PhD/BE/ME/PhD	Yes/No
5.	List of Publications, if applicable	Yes/No
6.	Experience certificates	Yes/No

**G B Pant National Institute of Himalayan Environment
Kosi-Katarmal, Almora-263643, Uttarakhand**

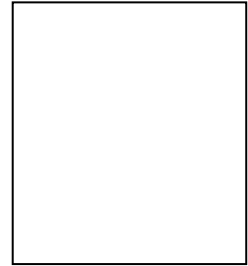
APPLICATION FORM

Position Applied For.....

Project Title

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Post Code No.:



Please use BLOCK LETTERS:

1. Full Name:..... Sex M/F):.....

2. Father's/Husband's Name:.....Father's/ Husband's National.....

3. Present Address:

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4. Permanent Address.....

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5. Email id :.....

Telephone/Mobile No.....

6. a) Date of Birth.....(b) Birth Place :.....

(c) State of Domicile.....

7. Citizenship:

8.* Do you belong to: (a) Scheduled Caste- Yes/No (b) Scheduled Tribe - Yes/No (c) OBC - Yes/ No

9a. Academic and Professional qualifications (from High School onwards): Attach self-attested certificate

Degree/ Diploma	Subject	Percentage of Marks or Grade	Name of Univ./Institution	Duration of Course	Month & year of passing

9. (b) If PhD degree not awarded, please give whichever applicable :

Date of thesis Submission.....

Likely date of submission:

10. Title of PhD Thesis

.....

11. Specializations, in terms of Broad Area of Specialization and Exact Area of Specialization:

(a) Subject	(b) Broad Area of Specialization	Exact Area of Specialization

12. Publications and Patents: **(Please attach list of publications in SCI journals with full references and corresponding with those in the list) (If available)**

(a) No. of Papers (i) Published.....(ii) Accepted.....

(b) No. of Books published.....

(c) No. of patents: (i) Filed :.....(ii) Granted:.....

13. Prizes, Honours, Awards, Distinctions, if any:.....

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14. Experience held: (Please attached copy of experience certificate)

Position	Name of the organization/ agency	Dates		Pay/wages	Nature of duties
		From	To		

15. Please give the names, designations, address and email id of the referees:

(i).....

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(ii).....

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16. Please indicate in case you are shortlisted whether you would like to attend the interview through video calling or telephonically. If you wish to attend interview through video call please provide your Identity and mode preferred by you for video call.

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17. Declaration

I have read the terms and conditions of the Institute. I accept and agree to abide by these if the Fellowship is offered to me. I certify that to the best of my knowledge and belief the particulars given in the application are correct. I understand that the decision taken on my application by GBPNIHE will be final. If false and suppression of factual information in the application form comes to the notice of GBPNIHE at any time during the tenure the fellowship would be liable to be terminated.

Place.....

Signature of the candidate

Date.....