



**G.B. PANT NATIONAL INSTITUTE
OF
HIMALAYAN ENVIRONMENT & SUSTAINABLE DEVELOPMENT
KOSI-KATARMAL, ALMORA 263 643, UTTARAKHAND**

Applications are invited for the following purely project based temporary positions. The candidate with adequate qualifications and appropriate experience in relevant subject/specialization with good academic records may appear for **Walk-In-Interview** on **26.02.2018 at 11:00 AM onward** at Kosi-Katarmal (Almora) campus of the Institute. Desirous candidate may forward an advance copy of the application to the Administrative Officer by e-mail (os@gbpihed.nic.in) clearly mentioning the position applied for. Candidates appearing for Interview should bring original copies (with xerox copy) of testimonials, biodata, publications etc along with an application. No TA/DA will be paid to the candidates appearing for the Interview.

Sl. No.-1

S.No.	Position	Qualification	Responsibility
NMHS-PMU 3D Visualization Facility - Virtual Reality Imaging for Himalayan Assessment 3-Dimensionally (VRIHAD)			
1.	System Manager (1 no.) Remuneration: Rs. 45,000/- consolidated Age*: 40 Years Maximum	<p>Essential:</p> <p>i) M.Tech/B.Tech/MCA/M.Sc 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 good academic record high school onwards.</p> <p style="text-align: center;">AND</p> <p>ii) A. Post graduate degree/PG diploma in GIS and Remote Sensing OR 3D Animation with one year experience</p> <p style="text-align: center;">OR</p> <p>B. Two years work experience in 3D Visualization/Animation.</p> <p>Desirable: M.Tech with GATE qualification, Knowledge in Linux environment and system administration, Experience in handling customized software including ArcGIS, ArcObject related programming and Satellite Image feature automated extraction, Mathematical Modeling and hands on 3D software packages.</p>	<p>i. Overall Management of 3D lab</p> <p>ii. Proof of Concept studies</p> <p>iii. Baseline data generation over GIS platform</p> <p>iv. 3D rendering through animation using available software for visual interpretation</p> <p>v. Integrating the modeling outputs to generate futuristic data</p> <p>vi. Demonstration of the facility as and when required</p> <p>vii. Assisting the decision makers, planners and scientists in 3D rendering and interpretation.</p>

S.No.	Position	Qualification	Responsibility
2.	Data Processing Assistant (1 no.) Remuneration: Rs. 25,000/- + HRA for M.Tech in Engineering qualification or GATE or NET Qualified Otherwise Rs. 16,000/- + HRA Age* : 30 Years Maximum	Essential: i) B.Tech/MCA/M.Sc in Computer Science Engineering/ Information Technology/ Electronics & Communication Engineering with first class and good academic record high school onwards. ii) 6 Month post qualification experience on database handling and management Desirable: One year post qualification experience on database handling and management, Knowledge of GIS and Remote Sensing, M.Tech or GATE/NET qualification in relevant subject	i. Database management and entry of records ii. Assisting PMU in inventorization and digitization of research outputs iii. Assisting the System Manager in baseline data generation iv. Other IT related tasks as assigned

Sl. No.-2

Title: Integrated Studies of Himalayan Cryosphere in Uttarakhand and Arunachal Pradesh (SAC Glacier-III funded project)	
Position	Junior Research Fellow/Junior Project Fellow (01 No.)
Emoluments	Rs. 16,000/- pm +HRA for NET JRF/GATE qualified or Rs. 12,000/- pm +HRA for others
Age*	Maximum 28 Years
Essential Qualification	Ist Class Master Degree in Physical Sciences/Geology/Earth Science/ Geography or relevant subject/B. Tech. in relevant branch of Engineering
Desirable experience/Duties	<ul style="list-style-type: none"> • Experience of working with GPS/GIS environment • Experience of field work in high altitude areas across Himalaya/glaciers in Uttarakhand or Arunachal Pradesh
Duration	Upto 2018-19

Sl. No.-3

Title: Water Sustainability Mapping in Himalaya: Status, Trends and Options. (In house project)	
Position	Junior Project Fellow (02 Nos.)
Emoluments	@ Rs. 16,000/ month +HRA @8% for first two years and @ Rs. 18,000/- month +HRA @8% for third year
Age*	Maximum 28 Years
Essential Qualification	First Class Masters degree in Physical Sciences /Earth Sciences/ Geography or relevant subjects/B. Tech in Civil/ Agriculture/ Environmental Engineering.
Desirable experience	<ul style="list-style-type: none"> • Experience of working with GPS/ GIS environment • Experience of field work in high altitude areas across Himalaya/glaciers in Uttarakhand
Nature of Duties & Responsibilities	EIA studies of Hydropower projects/study of Watershed hydrology and water management.

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