

**NATIONAL INSTITUTE OF HYDROLOGY**  
**(Ministry of Jal Shakti, Department of Water Resources, River Development and Ganga Rejuvenation)**  
**Jalvigyan Bhawan, Roorkee – 247 667 (Uttarakhand)**  
**Advertisement Notice**

Advertisement No. Project/NMHS(GBNI)/2020-NIH(Admn.)

Dated: 25.02.2020

**Subject: Advertisement for the selection of Project Staff (on contract basis) through Walk-in-Interview for the following projects.**

Sl. No.	Project/Sub-Project Title	Designation	No. of Post	Duration	Qualification	Emoluments per month	Date, time & place of interview
1.	RMO Division	Resource Person (Senior)/ Resource Person (Junior)	01	03 Years	<p><b><u>Resource Person (Senior)</u></b></p> <p><b><u>Essential:</u></b></p> <ul style="list-style-type: none"> <li>• Post-graduate degree in Sciences/Engg./Social Sciences/Journalism/Mass Communication/Library and Information Sciences of a recognized University with minimum 60% marks/equivalent grade.</li> <li>• Persons with higher/additional qualifications, research experience, publications, and post qualification experience in documentation and outreach activities would be preferred.</li> </ul> <p><b><u>Experience</u></b></p> <ul style="list-style-type: none"> <li>• Minimum <b>6 years</b> of post qualification experience in the field of documentation/outreach.</li> <li>• Candidate should possess excellent writing and speaking in both English and Hindi.</li> <li>• Candidate should be well versed in the latest electronic publishing and graphics methods.</li> <li>• Proficiency in usage of computers for documentation, reporting, communication and outreach work.</li> </ul> <p><b><u>Job Profile/Role &amp; Responsibilities:</u></b></p> <p>Organize, manage and supervise the activities of Documentation, Communication and Outreach activities of the Institute, which include:</p> <ul style="list-style-type: none"> <li>• Preparation of Annual Report, Gist of Studies, Newsletter, other such documents and knowledge products,</li> <li>• Preparation of pamphlets, flyers, fact-sheets, policy papers, etc.,</li> <li>• Preparation of reports and stories of the projects underway/completed in the Institute,</li> <li>• Management of Institute's publications and data repository,</li> <li>• Dissemination of Institute's research, events and activities through regular updates on Institute's website, social media etc.</li> <li>• Organization of various outreach activities such as mass awareness</li> </ul>	Rs.40,000/- to Rs.70,000/- depending upon educational qualification and experience. Plus Rs.3000/- p.m. as local conveyance	Dated <b>12.03.2020</b> <b>10.00AM</b> at NIH, Roorkee

					<p>activities, exhibitions at different national events.</p> <p style="text-align: center;"><b>OR</b></p> <p><b><u>Resource Person (Junior):</u></b></p> <p>Candidates having the experience less than 6 years may be considered for Resource Person (Junior)</p>	Rs.20,00-40,000/- (depending upon educational qualification and experience) plus Rs.1500/- p.m. as local conveyance.	
2.	DSS(PM) Project-Under NHP	Research Scientist	01	01 year (likely to continue for 3 years)	<p><b><u>Essential:</u></b> M.E./M.Tech./MCA in (Computer Science, Computer Science Engg., Information Technology or equivalent) with 3 years' experience OR Ph.D.(Sc./Engg.) with uniformly outstanding academic record and proven ability for high quality R&amp;D work.</p> <p><b>Age below 40 years.</b></p> <p><b><u>Desirable:</u></b> Exposure in software development, Programming in languages like NET, PHP, HTML, Java Script, Database creation and handling using SQL Server Oracle</p>	Rs.56100/- to 67,300/- (Depending upon educational qualification and experience)	<b>Dated 12.03.2020 10.00AM at NIH, Roorkee</b>
3.	“Snow and Glacier contribution and impact of climate change in Teesta river basin, Eastern Himalaya”	Research Associate	01	03 years	<p><b><u>Qualification</u></b></p> <p><b><u>Essential:</u></b> Ph.D degree in Civil Engg./Water Resources/Hydrology/Earth Sciences/Geo-informatics.</p> <p style="text-align: center;"><b>OR</b></p> <p>M.E/M.Tech. in Civil Engg./Water Resources Engg./ Hydrology/Soil &amp; Water Conservation Engg./Earth Sciences/Geoinformatics having 3 years of research, teaching and design and development experience with at least one research paper in Science Citation Indexed (SCI) journal.</p> <p><b><u>Desirable:</u></b> Experience in hydrological modelling.</p>	Rs.47,000/- +HRA (as admissible)	<b>Dated 12.03.2020 10.00AM at NIH, Roorkee</b>
4.	“Permafrost mapping and characterization of Western Himalayan Region”	Research Associate	01	03 years	<p><b><u>Research Associate- II</u></b></p> <p><b><u>Essential:</u></b> Ph.D degree in Civil Engg./ Water Resources or Sciences</p> <p style="text-align: center;"><b>OR</b></p> <p>M.E/M.Tech. in Civil Engg./ Water Resources Engg./Hydrology/Soil &amp; Water Conservation Engg./Earth Sciences/ Geoinformatics <b>having 3 years of research experience, with at least one research paper in Science Citation Indexed (SCI) journal.</b></p> <p><b><u>Desirable:</u></b> Experience in field monitoring and modeling of permafrost environment.</p>	Rs.49,000/- +HRA (as admissible) for RA-II	<b>Dated 12.03.2020 10.00AM at NIH, Roorkee</b>

5.	Department of Science & Technology (DST), New Delhi Through NMSHE Secretariat	Research Associate	01	Upto Dec. 2020	<p><b>Research Associate-III</b>  <b>Essential:</b> Ph.D. in Civil/Agriculture/ Environment/Water Resources/Hydrology/ Remote sensing &amp; GIS/Geoinformatics/Earth Sciences/Atmospheric Science/Life Sciences.  <b>OR</b>  M.E./M.Tech(in Civil/Agriculture/ Environment/Water Resources/Hydrology/ Remote sensing &amp; GIS/Geoinformatics/ Computer Engg./Earth Sciences/Atmospheric Science/Life Sciences) with 3 years of research/teaching experience with at least one research paper in Science Citation Indexed (SCI) journal.  <b>Desirable:</b> Persons with higher/additional qualifications, research experience, and published papers in the relevant field would be preferred.</p>	Rs.54,000/- +HRA (as admissible)	Dated 12.03.2020 10.00AM at NIH, Roorkee
		Project Assistants	01	Upto Dec. 2020	<p><b>Project Assistants</b>  <b>Essential:</b> B.Sc./3 years Diploma in Engineering &amp; Technology.</p>	Rs.20,000/- +HRA (as admissible)	Dated 12.03.2020 10.00AM at NIH, Roorkee
6.	Project “Assessment of seasonal variations in Hydrology and Cryosphere of Upper Ganga Basin using GRACE Data”	Junior Research Fellow	01	Upto May 2023	<p><b>Junior Research Fellow (JRF)</b>  <b>Essential:</b> Ist Class Graduate Degree in Professional Courses (B.E./B.Tech.) in Civil/Agri. Engg./Environmental Science (at least 60 percentiles)  <b>OR</b>  Ist Class Post Graduate Degree in Basic Sciences (M.Sc.) in Hydrology/Water Resources/ Geoinformatics/Geo-Physics/ Earth Sciences</p> <p><b>selected through a process described through any one of the following:</b>  a. Scholars who are selected through National Eligibility Tests- CSIR-UGC NET including lectureship (Assistant Professorship) and GATE.  b. The selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER etc.  <b>Desirable:</b> Experience in Remote Sensing and GIS and experience in handling GRACE TWS data.</p>	Rs. 31,000/- + HRA (as admissible)	Dated 12.03.2020 10.00AM at NIH, Roorkee

7.	<p>Project “ Study on Behaviors of Flooding and Unexpected Drought Like Situation in Garo Hills District of Meghalaya”</p> <p><b>(For Centre for Flood Management Studies, NIH, Guwahati)</b></p>	Junior Research Fellow	01	03 Years	<p><b>Junior Research Fellow (JRF)</b>  <b>Essential:</b> M.E/M.Tech in Civil Engg./Water Resources/Hydrology/Remote Sensing &amp; GIS/Geoinformatics</p> <p>selected through a process described through any one of the following:  <b>a. Scholars who are selected through National Eligibility Tests- CSIR-UGC NET including lectureship (Assistant Professorship) and GATE.</b>  <b>b. The selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER etc.</b>  <b>Desirable:</b> Prior knowledge in Flood Inundation &amp; Drought Modeling, Satellite based Digital Image Processing &amp; GIS Mapping. Preference will be given to candidates having experience in Flood Inundation Modeling &amp; Drought Modeling in the North Eastern Region of India.</p> <p><b>Nature of Work:</b> Installation of Weather equipments in Garo Hills Districts, field survey in flood and drought affected areas of Garo Hills, Meghalaya and processing in GIS. Field investigation in Meghalaya</p>	Rs. 31,000/- + HRA ( as admissible)	<p><b>Dated</b>  <b>12.03.2020</b>  <b>10.00AM</b>  <b>at NIH,</b>  <b>Roorkee</b></p>
8.	<p>“Integrated Assessment of the Impacts of Climate Change on the Hydrology of Narmada basin through Hydrological Modeling Approaches”</p> <p><b>(For Central India Hydrology Regional Centre, Bhopal)</b></p>	Junior Research Fellow	01	03 Years	<p><b>Junior Research Fellow (JRF)</b>  <b>Essential:</b> Post Graduate Degree in Professional Courses in Civil Engg./Water Resources/Hydrology/Agricultural Engg./Geomatics/Geo-informatics/Remote Sensing and GIS</p> <p style="text-align: center;"><b>OR</b></p> <p>Post Graduate Degree in Basic Sciences (M.Sc.)</p> <p>selected through a process described through any one of the following:  <b>a. Scholars who are selected through National Eligibility Tests- CSIR-UGC NET including lectureship (Assistant Professorship) and GATE.</b>  <b>b. The selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER etc.</b>  <b>Desirable:</b> Persons with higher/additional qualifications and execution of research projects would be preferred.  <b>Nature of Work:</b> Above position would require extensive hydrological modeling and field work in the study area.</p>	Rs. 31,000/- + HRA ( as admissible)	<p><b>Dated</b>  <b>12.03.2020</b>  <b>10.00AM</b>  <b>at NIH,</b>  <b>Roorkee</b></p>

9.	Water Resources Systems Division	Resource Person (Junior)	01	06 months	<p><b>Junior Resource Person</b>  <b>Essential:</b> Master's degree in Water Resources/Hydrology/Computer Sciences/atmospheric sciences/Geo-informatics/Soil and Water Engineering/ Remote Sensing and GIS/Environmental Sciences.  <b>Desirable:</b> Preference will be given to the candidates having:-</p> <p>(i) Good knowledge in Python Programming with GIS and Remote Sensing.  (ii) Higher/additional qualification &amp; experience.</p>	Rs.20,000/- to Rs.40,000/- depending upon educational qualification and experience. Plus Rs.1500/- p.m. as local conveyance	<b>Dated 12.03.2020 10.00AM at NIH, Roorkee</b>
10.	Web GIS based spring inventory for vulnerability assessment and hydrogeological investigation of selected springs for sustaining local water demand in Ravi Catchment of Himachal Pradesh (NHP-PDS Funded)-For Western Himalayan Regional Centre, Jammu	Field Worker	03	06 months	<p><b>Field Worker</b>  <b>Essential:</b> Graduate degree in any discipline  <b>Desirable:</b> Experience of Spring related field survey.  <b>Nature of Work:</b> Field Survey of Natural water springs in Ravi River catchment and posted in any place of Ravi River catchment, Himachal Pradesh</p>	Rs. 18,000/- + HRA ( as admissible)	<b>Dated 12.03.2020 10.00AM at NIH, Roorkee</b>

**General conditions:**

- Professionals with requisite qualifications and experience as prescribed would be eligible for the appointment of above posts.
- Selected candidates would be engaged for a fixed period for providing high quality services to the Institute for attending to specific and time-bound jobs.
- The appointment would be on Full-time basis and they would not be permitted to take up any other assignment during the period of Consultancy with the NIH.
- The appointment is purely temporary on co-terminus basis and do not entitle the appointee to any claim implicit or explicit or any NIH post. The appointment can be cancelled at any time by the Institute without assigning any reason.
- The initial term of appointment and subsequent extension (s) if any, shall be decided on case to case basis depending upon the specific job and the time frame for its completion.
- The selected candidates shall not be entitled to any allowance such as Dearness Allowance, Residential Telephone, Transport facility, Personal Staff etc.
- The selected candidates may be provided with the transit accommodation as per prevailing rules of the Institute. The applicable licence fee shall be charged and they will vacate the accommodation on the termination or expiry of the tenure, whichever is earlier.
- The selection of candidates will be made through Walk-in-Interview. No TA/DA will be paid to the candidate for attending the interview. No TA/DA shall be admissible for joining the appointment on contractual basis. The selected candidate shall be allowed TA/DA for their travel inside the country in connection with the official work.
- Candidates can directly attend the walk-in-interview on the prescribed date, time at NIH along with complete bio-data, passport size photograph and original proof of qualification and experience. They must also bring with them self-attested copies of their certificates. Candidate may report in NIH in one hour before Interview time. **After starting of Interview, admission in the same will not be allowed.**
- Bio-data Format for the posts:** Advt. No., Post applied for, Sub-project/Sub-projects in which the candidate intends to work in the order of preference of Sub-project title, Name of candidate, Father's name, Date of birth, Age, Nationality, Marital status, Category (SC/ST/OBC/PH/Gen), Address for communication, Telephone No., Details of qualifications (High School onwards giving exam passed, year of passing, Name of Board/ University, Subjects, division with percentage of marks, Working experience {Mentioning S. No., Organisation/Institute, Period (from . . . to), Nature of work and remarks} . . . , Research Paper published if any, Knowledge of software, any other additional information, List of enclosures and Signature of Candidate with date.
- Maximum Age for **Research Scientist shall be below 40 years, for Research Associate shall be 35 years and for Junior Research Fellow and Project Assistant will be 28 years**, as on the date of interview. Age relaxation of SC/ST/OBC/Women and physically handicapped candidates as per Govt. of India rules.
- No. of posts may increase or decrease depending on the projects.

**Note: Candidates before appearing for the Walk-in-Interview shall ensure that they are eligible (in the required field) for the position they intend to apply. Candidates should bring their Bio-Data as per above Format.**

(V.K. Sharma)  
Sr. Admn. Officer