

NATIONAL INSTITUTE OF HYDROLOGY  
(Ministry of Water Resources, River Development, and Ganga Rejuvenation)  
Jalvigyan Bhawan, Roorkee - 247 667 (Uttarakhand)

Advertisement Notice

Advertisement No. Project/Neeranchal/2017-NIH (Admn)  
Dated: 23.01.2018

Subject: Advertisement for selection of Project Staff through Walk-in Interview under the projects.

Sl. No.	Project/Sub-Project Title	Designation	Number of Post	Project Duration	Qualification	Emoluments per month	Date, time & place of interview
1.	"Neeranchal National Watershed Project (NNWP)"	Deputy Project Leader  <b>Specialization</b>  Water Resources Management	01	03 Years	<b>Essential:</b> Doctorate (Science/Engg.)/Post Graduate (Engg.) in Hydrology/Engineering/Sciences having experience of Hydrology with minimum 10 years of R&D experience, particularly of handling watershed projects. Out of this, minimum 5 years of R&D experience, particularly of handling watershed Hydrology of the large scale watershed projects (e.g. of World Bank).  <b>Age below 45 years</b>	Rs.93,300/98,000/102,700/107,400/112,100 (depending upon qualification and experience) +HRA and other benefits as mentioned in CSIR OM no. 4/CMG/2016-PPD dated 04.07.2016.	12.02.2018 11.00A.M at NIH, Roorkee
		Domain Expert (Hydrologic Modeling)/Subject Specialist (Soil & Water Conservation Engg.)  <b>Specialization</b>  Hydrologic modeling/Soil & Water Conservation	02	03 Years	<b>Essential:</b> Doctorate (Science/Engg.)/Post Graduate (Engg.) in Hydrology/Engineering/Sciences; with minimum 10 years of R&D experience in hydrologic modeling/watershed development projects. Out of this, minimum 5 years of R&D experience on customization of hydrologic models and interfacing with DSS  <b>Age below 45 years</b>		
		Modeling Specialist  <b>Specialization</b>  (GIS/Remote Sensing)	01	03 Years	<b>Essential:</b> Doctorate (Science/Engg.)/Post Graduate (Engg.) in Engineering/Sciences; with minimum 10 years of R&D experience in application of RS/GIS in watershed projects. Out of this, minimum 5 years in Processing of satellite data and preparation of thematic maps  <b>Age below 45 years</b>		

		Software specialist <b>Specialization</b> (DSS & Web Applications)	02	03 Years	<b>Essential:</b> Doctorate (Science/Engg.)/Post Graduate (Engg.) in Engineering/Sciences; with minimum 10 years of R&D experience in software development including Web-based DSS. Out of this, minimum 5 years of R&D experience in Web/DSS application development.  <b>Age below 45 years</b>		
		<b>Junior Research Fellow</b>	02	03 years	<b>Essential:</b> First class Post Graduate degree in Hydrology/Computer Science/Remote Sensing & GIS/Geoinformatics/MCA/B.-Tech. in Computer Science/IT, with NET/GATE qualification.  <b>Desirable:</b> Working knowledge in Remote Sensing & GIS or Software Development/Applications for watershed projects.	<b>Rs. 25,000/- + HRA ( as admissible)</b>	15.02.2018 10.00A.M. at NIH, Roorkee
2.	“National Hydrology Project”	<b>Research Scientist</b>	01	01 year (Likely to be extended)	<b>Essential:</b> M.E./M.Tech in (Water Resources Engg. /Hydrology/ Hydraulic Engg./Water Resources Development/ Irrigation Water Management) with 3 years’ experience <b>OR</b> Ph.D. (Water Resources/Hydrology) with uniformly outstanding academic record and proven ability for high quality R&D work. <b>Age below 40 years.</b> <b>Desirable:</b> Experience in GIS, statistical data analysis techniques, hydrologic modeling, simulation and optimization. Exposure to computer programming and DSS application development.	<b>56,100 to 67,300</b>  <b>depending upon educational qualification and experience</b>	12.02.2018 11.00A.M at NIH, Roorkee
3.	“CEH, UK Sponsored Project”	<b>Research Associate</b>	1	2 years	<b>Essential:</b> Doctorate (Ph.D) in Engineering or Sciences or equivalent degree or having 3 years of research, teaching & design and development experience after M.E/M. Tech. in Hydrology, Soil & Water Conservation Engg., Meteorology, Agro-Meteorology, Atmospheric Sciences, Forest Hydrology, Geo-informatics or equivalent  <b>Desirable:</b> Experience of working in the above research areas.	<b>Rs. 36,000/- + HRA ( as admissible)</b>	15.02.2018 10.00A.M. at NIH, Roorkee

					<p><b>Essential:</b> Ph.D or [M.E./M.Tech. having 3 years of research experience, with at least one research paper in Science Citation indexed (SCI) journal degree] in (Earth Sciences/Geology/Water Resources/Hydrology/Environmental Science/Environmental Engineering )</p> <p><b>Nature of Work:</b> Geo-Chemical Modeling/ Groundwater Modeling, Operation of WQ instruments such as ICP-OES/ICP-MS and Field Investigations at Ara, Bhojpur, Bihar</p> <p>Preference will be given to candidates having experience in geo-chemistry or Arsenic relates studies.</p>	<p><b>Rs. 36,000/- + HRA ( as admissible)</b></p>	<p><b>15.02.2018 10.00A.M. at NIH, Roorkee</b></p>
<p><b>4.</b></p>	<p><b>“Hydro-geochemical Evolution and Arsenic Occurrence in Aquifer of Central Ganges Basin”</b></p>	<p><b>Research Associate</b></p>	<p><b>01</b></p>	<p><b>03 years</b></p>	<p><b>Essential:</b> Post Graduate Degree in Basic Science (Geology/ Earth Science/ Environmental Science/ Chemistry) with NET/GATE qualification</p> <p><b>OR</b></p> <p>Post Graduate degree in Professional courses M.Tech (Environmental Engineering/Chemical Engineering/ Water Resources/Hydrology/ Geology)</p> <p><b>OR</b></p> <p>Graduate degree in Professional courses B. Tech (Civil/Environment) with NET/GATE qualification.</p> <p><b>Nature of Work:</b> Field investigation for Area, Bhojpur, Bihar &amp; laboratory investigation at Roorkee.</p> <p>Preference will be given to candidates having hands on experience of column experiment, water quality instruments &amp; exposure of Field Investigations</p>	<p><b>Rs. 25,000/- + HRA ( as admissible)</b></p>	<p><b>15.02.2018 10.00A.M. at NIH, Roorkee</b></p>

		<b>Project Assistant</b>	<b>01</b>	<b>03 years</b>	<p><b>Essential:</b> Graduate Degree in basic sciences</p> <p><b>Nature of Work:</b> Field Investigations, Sample collection and help in water quality analyses and other experiments.</p>	<b>Rs. 8,000/- p.m. (consolidated)</b>	
5.	“Assessment of impacts of ground water salinity on regional ground water resources, current and future situation in Mewat, Haryana, possible remedy and resilience building measures”	<b>Junior Research Fellow</b>	<b>02</b>	<b>03 years</b>	<p><b>Essential:</b> Post Graduate Degree in Basic Sciences (Chemistry, Earth Sciences, Geology, Environmental Sciences) with NET qualification</p> <p><b>OR</b></p> <p>Graduate Degree B.Tech/B.E. in Civil Engineering Environmental Engineering with GATE qualification</p> <p><b>OR</b></p> <p>Post Graduate Degree in Professional Course M. Tech. (Civil/ Environment/ Water Resources/Hydrology Remote sensing/ GIS) M.Tech in integrated Earth Science Engineering.</p> <p><b>Nature of Work:</b> Field investigation in Mewat district, Haryana and Laboratory analysis.</p> <p>Preference will be given to candidates having experience of water quality analysis and groundwater quality modeling.</p>	<b>Rs. 25,000/- + HRA (as admissible)</b>	<b>15.02.2018 10.00A.M. at NIH, Roorkee</b>
		<b>Project Assistant</b>	<b>01</b>	<b>03 years</b>	<p><b>Essential:</b> Graduate Degree in basic sciences</p> <p><b>Nature of Work:</b> Data entry, help in field investigation and sample analysis</p> <p><b>Desirable:</b> Knowledge of computers, MS-Office and office procedures.</p>	<b>Rs. 8,000/- p.m. (consolidated)</b>	
6.		<b>Junior Research Fellow (1)/Senior Research Fellow(1)</b>	<b>02</b>	<b>34 months.</b>	<p><b>Essential:</b> Post Graduate Degree in Basic Sciences (Environmental Science/Chemistry/Earth Science/Geology) with NET/GATE Qualification</p> <p><b>OR</b></p> <p>Post Graduate Degree in</p>		

	“Impact of Rain water Harvesting on Groundwater Quality in India with Specific Reference to Fluoride and Micro-pollutants”				<p>Professional Courses M.Tech. (Water Resources/ Hydrology/ Environmental Engineering/ Chemical Engineering/Soil &amp; Water Conservation Engg.)</p> <p><b>Nature of Work:</b> This is a India-UK Water Quality Research Project under Newton Bhabha Fund. Work would involve field investigations near Jaipur and Jodhpur in Rajasthan, Laboratory Investigations at NIH Roorkee, data analysis and modeling.</p> <p>Preference would be given to candidates having exposure to field investigations related to water resources and experience of handling water quality instruments.</p> <p><b>For SRF:</b> same qualification as in JRF but two years of research experience.</p>	<p>Rs. 25,000/- + HRA ( as admissible)</p> <p>Rs. 28,000/- + HRA (as admissible)</p>	<p>15.02.2018 10.00A.M. at NIH, Roorkee</p>
7.	“Pay Jal Suraksha”	Research Associate	01	18 months	<p><b>Essential:</b> Ph.D. degree in Chemistry/ Biochemistry/ Biotechnology/ Microbiology/ Environmental Science/ Geology with NET qualification or M.E/M. Tech. in Environmental Engg./Chemical Engg./ Hydrology/Water Resources/Hydraulic Engg. having 3 years of research experience, with at least one research paper in Science Citation indexed (SCI) journal.</p> <p><b>Desirable:</b> Person with experiences on water quality geochemical analyses shall be given preferences</p>	<p>Rs. 36,000/- + HRA (as admissible)</p>	<p>15.02.2018 10.00A.M. at NIH, Roorkee</p>
8.	“Future Secular Changes and Remediation of Groundwater Arsenic in the Ganga River Basin”	Research Associate	01	30 months	<p><b>Essential:</b> Ph.D. degree in Chemistry/ Biochemistry/ Biotechnology/ Microbiology/ Environmental Science with NET qualification or M.E/M. Tech. in Environmental Engg./Chemical Engg./ Hydrology/Water Resources/ Hydraulic Engg. having 3 years of research experience, with at least one research paper in Science Citation indexed (SCI) journal.</p> <p><b>Desirable:</b> Person with experiences on water chemistry/ geochemistry and</p>	<p>Rs. 36,000/- + HRA (as admissible)</p>	<p>15.02.2018 10.00A.M. at NIH, Roorkee</p>

				geochemical parameters analyses shall be given preferences			
		<b>Junior Research Fellow (JRF)/ Senior Research Fellow (SRF)</b>	<b>01</b>	<b>30 months</b>	<p><b><u>Essential For JRF :</u></b></p> <p>Post Graduate Degree in Chemistry/ Biochemistry/ Biotechnology/ Microbiology/ Environmental/ Science/ Engineering with NET/GATE qualification.</p> <p>After two year successful completion as JRF shall be promoted to SRF.</p> <p><b><u>For SRF:</u></b></p> <p>Same qualification as in JRF but two years experience as JRF.</p>	<p><b>JRF: Rs. 25,000/- p.m.+ HRA ( as admissible)</b></p> <p><b>SRF: Rs. 28,000/- p.m.+ HRA ( as admissible)</b></p>	<b>15.02.2018 10.00A.M. at NIH, Roorkee</b>
		<b>Project Assistant</b>	<b>01</b>	<b>30 months</b>	<p><b><u>Essential:</u></b> Graduate in any branch of Sciences or Diploma in Engineering.</p>	<b>Rs. 8,000/- p.m. (consolidated)</b>	
		<b>Student internship</b>	<b>01</b>	<b>4 months</b>	<p><b><u>Essential:</u></b> Post Graduate science student for pursuing master dissertation work.</p> <p>Application for the SIP must be duly forwarded by the Principal/Dean/Registrar/Director of the University/ College/Institution.</p>	<p><b>Rs. 10,000/- p.m.</b></p> <p><b>(A Token Remuneration Shall be provided to those interns who are not receiving fellowship/scholarship as part of their course, payable on successful completion of the internship)</b></p>	

**Note: In case a candidate is not qualified GATE/NET then the emolument per month Rs.12,000/-+HRA for Junior Research Fellow (JRF) & Rs.14,000/- +HRA for Senior Research Fellow may be considered.**

**General conditions:**

1. Professionals with requisite qualifications and experience as prescribed would be eligible for being engaged as Deputy Project Leader/Domain Expert/Subject Specialist/Modeling Specialist/Software Specialist/Research Associate (RA)/Senior Research Fellow (SRF)/Junior Research Fellow (JRF)/Project Assistant/Student Interns, However, if suitable NET/GATE qualified candidates are not found, the candidates without these qualifications may be considered but as per the DST approved rates.
2. Deputy Project Leader/Domain Expert/Subject Specialist/Modeling Specialist/Software Specialist/Research Associate (RA)/Senior Research Fellow (SRF)/Junior Research Fellow (JRF)/Project Assistant/ Student Interns would be engaged for a fixed period for providing high quality services to the Institute or for attending to specific and time-bound jobs.
3. The appointment of Deputy Project Leader/Domain Expert/Subject Specialist/Modeling Specialist/Software Specialist/Research Associate (RA)/Senior Research Fellow (SRF)/Junior Research Fellow (JRF)/Project Assistant/ Student Interns 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.
4. The appointment of Deputy Project Leader/Domain Expert/Subject Specialist/Modeling Specialist/Software Specialist/Research Associate (RA)/Senior Research Fellow (SRF)/Junior Research Fellow (JRF)/Project

Assistant/Student Interns 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.

5. 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.
6. The Deputy Project Leader/Domain Expert/Subject Specialist/Modeling Specialist/Software Specialist /Research Associate (RA)/Senior Research Fellow (SRF)/Junior Research Fellow (JRF)/Project Assistant shall not be entitled to any allowance such as Dearness Allowance, Residential Telephone, Transport facility, Personal Staff etc.
7. The Deputy Project Leader/Domain Expert/Subject Specialist/Modeling Specialist/Software Specialist /Research Associate (RA)/Senior Research Fellow (SRF)/Junior Research Fellow (JRF) may be provided with the transit accommodation as per prevailing rules of the Institute. The applicable licence fee shall be charged and the Deputy Project Leader/Domain Expert/Subject Specialist/Modeling Specialist/Software Specialist/Research Associate (RA)/Senior Research Fellow (SRF)/Junior Research Fellow (JRF) shall vacate the accommodation on the termination or expiry of the tenure, whichever is earlier.
8. No TA/DA shall be admissible for joining the appointment on contractual basis. Deputy Project Leader/Domain Expert/Subject Specialist/Modeling Specialist/Software Specialist/Research Scientist/Research Associate (RA)/Senior Research Fellow (SRF)/Junior Research Fellow (JRF)/Project Assistant/ Student Interns shall be allowed TA/DA for their travel inside the country in connection with the official work.
9. The selection of candidates will be made through Walk-in-Interview. No TA/DA will be paid to the candidate for attending the interview.
10. 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 0:30 hours before Interview time. After starting of Interview, admission in the same will not be allowed.
11. **Bio-data Format for the post Deputy Project Leader, Domain Expert, Subject Specialist, Modeling Specialist & Software Specialist is available on NIH Website.**
12. **Bio-data Format for the post of Research Scientist/Research Associate/Senior Research Fellow(SRF)/Junior Research Fellow(JRF)/Project Assistant(PA) & Student Interns:** 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}....., Knowledge of software, any other additional information, List of enclosures and Signature of Candidate with date.
13. For detailed information on the service conditions of the research personnel employed in R & D program of Central Govt. Departments/Agencies, the candidates can refer to Office Memorandum no. SR/S9/Z-09/2012 dated October 21, 2014 of the DST, Ministry of Science & Technology, Govt. of India.
14. **For Deputy Project Leader, Domain Expert, Subject Specialist, Modeling Specialist & Software Specialist** Maximum Age below **45 years** as on the date of interview.
15. Maximum Age below **40 years** for **Research Scientist** and **35 years** for **Research Associate/Senior Research Fellow(SRF)/Junior Research Fellow(JRF)/Project Assistant(PA)** as on the date of interview. Age relaxation of SC/ST/OBC as per Govt. of India rules.
16. 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.

(Surjeet Singh)  
Sc.'E' & Sr. Admn. Officer

**NATIONAL INSTITUTE OF HYDROLOGY**  
**ROORKEE, ROORKEE-247 667 (UTTARAKHAND)**  
**(World Bank Assisted Neeranchal National Watershed Project, NNWP)**

**Curriculum Vitae (CV)**

<b>NAME OF THE POST APPLIED</b>	:		Photo
<b>1. GENERAL PARTICULARS</b>			
<b>Name of Applicant</b>	:		
<i>Father's Name</i>	:		
<i>Gender</i>	:		
Date of Birth	:		
<b>2. ADDRESS</b>	:		
Applicants Complete Address for Correspondence along with Pin code			
Contact Phone	:		
Mobile and Whatsapp no.	:		
valid E-mail	:		
<b>3. PROFESSION</b>	:		
<b>4. YEARS OF EXPERIENCE</b> <i>(Provide certificates)</i>	:	Total:	Years --- Months
		Relevant to Post:	Years --- Months



**5. EDUCATIONAL QUALIFICATIONS:**

{Provide essential information as per the desired Qualification for the post applied for} [Indicate college/university and other specialized education of applicant, giving names of institutions, degrees obtained, and month & year of passing]

S.N.	Degree/ Course Completed	Month & Year of Passing	University/ Board/ Institute	Marks / Grades obtained

**6. OTHER TRAINING:** {Indicate significant trainings relevant to the post applied for}

(i)

(ii)

(iii)

(iv)

(v)

**7. Membership of Professional Associations: (If any)**

(i)

(ii)

(iii)

(iv)

**8. Employment Record** (Starting with present position), **for Duties Performed:** Please Describe in brief the works handled/duties performed that best illustrate the Capability to handle the proposed tasks as per Job Description for the said post}

**Repeat the format below for each job.**

From (Month/Year):.....To (Month/Year):.....	
Employer	
Position held	
Duties performed	

**9. Work Undertaken that Best Illustrates Capability to Handle the Tasks Assigned:** Justifying adequacy for the Assignment [Starting with latest relevant assignment / project work handled, list in reverse order every assignment handled by applicant since first assignment, giving details for each relevant assignment that best illustrates the capability to handle the tasks (see format here below): name of assignment, period of assignment, client organization, positions held, Main project features, activities performed.]:

**Repeat the format below for each assignment /project works.**

First provide details regarding experience on World Bank Projects and then for projects funded by other International/National agencies.

Name of the Assignment	
Period of the Assignment	From (Month/Year):.....TO (Month/Year):.....
Client	
Location of the Assignment (Project Area Covered)	
Position held	

<b>Main Project Features</b>	
<b>Brief Activities Performed</b> (Relevant to present applied job/Assignments)	

**10. Certification:**

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience. I understand that any willful misstatement described herein may lead to my disqualification or dismissal, if engaged.

\_\_\_\_\_ Date (Day/Month/Year):  
 .....  
 {Signature of Applicant}

Name of the Applicant:  
 .....