

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

**Advertisement Notice**

Advertisement No. Project/Indo-UK (GRB)/2018-NIH (Admn)

Dated: 04.01.2019

**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.	“Future Secular Changes and Remediation of Groundwater Arsenic in the Ganga River Basin”	Research Associate (R.A)	01	24 months	<b>Research Associate (R.A)</b> <b>Essential:</b> Ph.D degree in Geology/Chemistry/Biochemistry/Bio-technology/Microbiology/Environmental science. <b>Desirable:</b> Person with experiences/ works on water chemistry/ geochemistry and geochemical parameters analyses shall be given preferences.	Rs.36,000/- p.m. + HRA (as applicable)	<b>Dated 22.01.2019 11.00AM at NIH, Roorkee</b>
		Student Intern	01	4-6 months	<b>Student Interns</b> <b>Essential:</b> Student Pursuing Master degree in Geology/ Chemistry/ Biochemistry/ Biotechnology/ Microbiology/ Environmental Science. <b>Application for the Student Interns must be duly forwarded by the Principal/Dean/Registrar/Director of the University/ College/Institution.</b>	Rs.10,000/- p.m. (consolidated)	
2.	“Water Quality Assessment of Southwest Punjab Emphasizing Carcinogenic Contaminants and their Possible Remedial Measures”	Technical Assistant	01	03 Years	<b>Technical Assistant</b> <b>Essential:</b> Graduate in Science (Chemistry/geology/ Biochemistry/ Biotechnology/ Microbiology/ Environmental Sciences) <b>OR</b> Diploma in Civil/Environmental engineering. <b>Nature of Work:</b> Field & laboratory investigation for Punjab. <b>Desirable:</b> Preference will be given to candidates having experience of chemical and microbial analysis.	Rs.7500/- p.m. (consolidated)	<b>Dated 22.01.2019 11.00AM at NIH, Roorkee</b>
3.	“Water efficient irrigation by using SCADA system for major irrigation project Shahnehar”	Junior Research Fellow	01	03 Years	<b>Junior Research Fellow (JRF)</b> <b>Essential:</b> Post Graduate Degree in Professional Course (M.E./M.Tech.) in Civil/Agricultural Engineering. <b>Desirable:</b> Specialization in water resources/soil & water conservation/irrigation & drainage engineering. Preference will be given to GATE/NET qualified candidates with skill in GIS. <b>Nature of Work:</b> Substantial field observation in experimental sites and data monitoring, data analysis and results interpretation etc.	Rs.25000/-p.m + HRA (as applicable)	<b>Dated 22.01.2019 11.00AM at NIH, Roorkee</b>
4.	Project/study of ‘Rejuvenation village ponds’	Resource Person (Senior)	01	02 Years	<b>Resource Person (Senior)</b> <b>Qualification:</b> P.G. Degree in Botany/Zoology. <b>Experience:</b> Minimum 06 years in relevant field of Limnology. Preference will be given for candidate having higher relevant experience. <b>Desirable:</b> Persons with higher/additional relevant qualifications (Doctorate degree in Limnology), research experience, published papers in the relevant field would be preferred. <b>Job Description:</b> Assessment of Health of Water Bodies, Measurement of Organic Matter Production through productivity analysis, Trophic Status Index of Water Body, Water Quality Monitoring analysis and preparation of technical reports etc.	Rs.40,000/- p.m. to Rs.70,000/- p.m. depending upon educational qualification and experience. Plus Rs.3000/- p.m. as local conveyance	<b>Dated 21.01.2019 11.00AM at NIH, Roorkee</b>

5.	“Networking Projects on Revival of Village Ponds Through Scientific Interventions” <b>(For Central India Hydrology Regional Centre, Bhopal)</b>	Junior Research Fellow	01	06 Months	<b>Junior Research Fellow(JRF)</b> <b>Essential:</b> Post Graduate Degree in Basic Science (Earth Science, Geology) with NET qualification, <b>OR</b> Post Graduate Degree in Professional Course(M.E./M.Tech.) in Civil Engg./Agricultural Engg./Water Geomatics/Geoinformatics <b>Desirable:</b> Persons with higher/additional qualifications and experience of research Projects would be preferred	Rs.25,000/- p.m.+HRA (as applicable)	<b>Dated 22.01.2019 11.00AM at NIH, Roorkee</b>
6.	“Neeranchal National Watershed Project (NNWP)”	<b>Senior Research Fellow/Junior Research Fellow</b>	01	03 years	<b>Essential (SRF):</b> B.E/B.Tech. in Civil/Agricultural Engg. with GATE qualification <b>OR</b> M.E./M.Tech. in Hydrology/ Soil & Water Conservation (SWC)/RS&GIS/Water Resources <b>Experience:</b> Two years of research experience. <b>Desirable:</b> Persons with higher/additional qualifications and management/execution of research projects in the field of watershed management would be preferred. <b>Essential (JRF)</b> Qualification as Prescribed for SRF. <b>Desirable:</b> Persons with higher/additional qualifications and management/execution of research projects in the field of watershed management would be preferred.	Rs.28,000/- +HRA (as applicable) For SRF  Rs.25,000/- +HRA (as applicable) For JRF	<b>Dated 22.01.2019 11.00AM at NIH, Roorkee</b>
7.	“Sedimentation study of Hirakund Reservoir, Odisha using Optic and Microwave Remote Sensing Technology” <b>(For Deltaic Regional Centre, Kakinada)</b>	Junior Research Fellow	01	03 years	<b>JRF</b> <b>Essential:</b> Post Graduate Degree in Professional Course (M.E./M.Tech.) in Remote Sensing/Geomatics/Geoinformatics /Water Resources/Hydrology/Soil & Water Conservation Engg. <b>OR</b> Graduate Degree in Professional Course B.E./B.Tech. (Civil/Agriculture/Remote Sensing/Geomatics/Geoinformatics) with NET/GATE qualification. <b>Desirable:</b> Persons with experience in Microwave data/ARCGIS/IMAGINE/ SWAT would be preferred.	Rs.25,000/- p.m.+HRA (as applicable)	<b>Dated 22.01.2019 11.00AM at NIH, Roorkee</b>
8.	“Integrated study on groundwater dynamics in the coastal aquifers of West Bengal for sustainable groundwater management ”	Junior Research Fellow/Sr. Project Officer	01	Upto Sept. 2021	<b>JRF</b> M.Sc. in Environmental Science/Geology/Appl.Geology/Earth Science with NET Qualitificaion. <b>OR</b> B.Tech. in Geoinformatics, GIS & RS, Water Resource Engg. With GATE qualification. <b>OR</b> M.Tech. in Remote Sensing & GIS/Hydrology/Water Resources/Geoinformatics <b>Desirable:</b> Practical experience on RS & GIS, Geoinformatics. <b>Nature of Work:</b> i)Field investigation and sample collection ii) Digital image processing for hydrological modeling iii) Analysis of archival data on GIS framework for preparing various thematic hydrogeological maps iv)Support in publications (Candidate should have sufficient experience to work independently on RS-GIS tools) <b>Sr.Project Officer</b> B.E./B.Tech. in Geoinformatics/GIS & RS <b>OR</b> M.Sc. in Environmental Science/Geology/Appl.Geology/Earth Science, RS&GIS, Geoinformatics <b>OR</b> M.E/M.Tech. or Ph.D. (Science) in relevant field <b>Desirable:</b> Practical experience on RS & GIS, Geoinformatics. <b>Experience:</b> Candidates with B.E./B.Tech./M.Sc. should have 2 years of experience. <b>Nature of work:</b> Same as for JRF	Rs.25,000/- p.m.+HRA (as applicable )  <b>Emolument Rs.28,000/- p.m.</b>	<b>Dated 22.01.2019 11.00AM at NIH, Roorkee</b>

**In modification of advt. No.Project/NHP(PDS)-Kakinada/2018-NIH(Admn.) dated 31<sup>st</sup> Dec 2018, the date of walk-in-interview for Junior Research Fellow (JRF) is changed to 22<sup>nd</sup> Jan 2019 11.00 AM instead of 18<sup>th</sup> Jan 2019 and the venue of interview is shifted from Kakinada to National Institute of Hydrology, Roorkee.**

Sl. No.	Project/Sub-Project Title	Designation	No. of Post	Duration	Qualification	Emoluments per month	Date, time & place of interview
9.	“Study of behavior of multi aquifer system and aquifer mapping for an effective groundwater management in Gunderu sub-basin, West Godavari district, AP”  (For Deltaic Regional Centre,NIH, Kakinada, Andhra Pradesh)	Junior Research Fellow (JRF)	01	Initially for 01 Year (extendable up to termination or completion of the project whichever is earlier)	<b>Junior Research Fellow (JRF)</b> <b>Essential:</b> B.E. or B.Tech or equivalent in Engineering with M.E. or M.Tech and handed Project work in Hydrological modelling in B.Tech or M.Tech. <b>OR</b> M.Sc in Mathematics, Physical or Earth Sciences or Geography and above and handed research work/Training in Hydrological Modelling. <b>Note:</b> Applicants with only B.Tech or M.Sc. should have qualified in NET/GATE <b>Experience:</b> Experience in the field work on groundwater investigations and hands on experience in Hydrological Modelling, preferably in Groundwater flow modelling and management. <b>Job Description:</b> Assist in research, field investigations, modelling, presenting and reporting to the team of investigators.	Rs.25,000/- p.m. + HRA (as applicable)	<b>Dated 22.01.2019 11.00AM at NIH, Roorkee</b>

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

**General conditions:**

- Professionals with requisite qualifications and experience as prescribed would be eligible for the appointment of above posts, however, if suitable NET/GATE qualified candidates are not found, the candidates without these qualifications may be considered but as per the DST norms.
- 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}...., Knowledge of software, any other additional information, List of enclosures and Signature of Candidate with date.
- Maximum Age for Research Associate, Senior Research Fellow/Junior Research Fellow (JRF), Sr. Project Officer and Technical Assistant shall be 35 years**, as on the date of interview. Age relaxation of SC/ST/OBC as per Govt. of India rules.
- The maximum age limit upto which a retired government official can be employed on contract basis shall be 65 years.
- 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.**

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

