## 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/Advt.03/2021-NIH(Admn.)

Dated: 28.06.2021

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.	"Understanding of Hydrological processes in upper Ganga basin using isotopic techniques"	Research Scientists "C"	One	03 months	Research Associate Essential: Ph.D in Science or M.Tech. in Engg. ( Water Resources/ Hydrology/Remote Sensing & GIS/Soil and Water Conservation Engg./Geology/Environmental Science/Earth Science), with 3 years of research/teaching experience, with at least one research paper in Science Citation Indexed (SCI) journal. Ph.D in Engg. shall be considered as 3 years research experience.  Desirable: Preference will be given to the candidates having working experience in the Himalayas (Particularly Upper Ganga basin) and having knowledge of isotope application in Hydrology/water resources.	Rs.67,000/- p.m+ HRA(as applicable)	Dated 9.7.2021 10.00 AM at NIH, Roorkee
		Junior Research Fellow	One	03 months	Junior Research Fellow Essential: Postgraduate degree in basic sciences (Geology/Environmental Science/Earth Sciences)  OR Graduate Degree in Engineering Course (B.E/B.Tech.) in Civil/ Agriculture Engg./Environmental Engg.  OR Post Graduate Degree in Professional Course M.Tech. in Civil/Agriculture Engg./Environmental/ Water Resources/Hydrology/Remote Sensing/GIS/Geoinformatics)  selected through a process described through any one of the following: a. Scholars who are seleted 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, ITT, IISC, IISER etc.  Desirable: Person with higher /additional qualifications, research experience, and publications in relevant field is preferable.	Rs. 31,000/- + HRA( as admissible)	Dated 8.7.2021 10.00 AM at NIH, Roorkee

2.	"Partitioning evapotranspiration into Evaporation and Transpiration fluxes using stable isotopes of Oxygen and Hydrogen"	Project Associate (I)	One	03 Years	Junior Research Fellow Essential: Graduate Degree in Professional Course (B.E/B.Tech.) in Civil/Water Resources/Hydrology Engineering OR Post Graduate Degree in Professional Course M.E./M.Tech. in Civil/Water Resources Engg./Hydrology/Soil & Water Conservation Engg/Geo-informatics/Climate Sciences. selected through a process described through any one of the following:  a. National Eleigibility Tests-CSIR- UGC NET including lectureship (Assistant Professorship) or GATE or b. A selection process through National level examinations conducted by Central Govt. Deptt. And their Agencies and Institutions Nature of Work: Field investigation & experimentation Desirable: Experience of analytical work in laboratory.	(i) Rs. 31,000/- + HRA ( as admissible)  (ii)25,000/- +HRA for other who do not fall under (i) above	Dated 8.7.2021 10.00 AM at NIH, Roorkee
3.	Dating very groundwater of dee aquifers in Ganga Pla India (CRP- 208 sponsored by IAE (Project Officer -01) (Technical Assistant).	Project officer	One	Sept. 2022 or till the completio n of Project	Project Officer Essential: B.E/B.Tech.(Civil/Water Resources/ Hydrology/Geoinformatics) or M.Sc.(Water Resources /hydrology/Geo-informatics/Remote Sensing and GIS/Earth Science/Geology/ Geography/Environmental Science) Desirable: Preference will be given to the candidates having research publication/Experience in GIS & remote sensing	Rs. 25,000/- p.m.	Dated 8.7.2021 10.00 AM at NIH, Roorkee
		Technical Assistant	One		Technical Assistant Essential: B.Sc.(Maths/Phys./Chemistry/Statistics/Geol. /Env.Science) /BCA or Diploma in Engg. With two years of relevant experience.  Desirable: Knowledge of computer based data processing and presentation.	Rs. 20,000/-	
4.	"Long term hydrological assessment for the development of water security plan into three sub-basins namely Barak, Minor rivers draining into Bangladesh and Minor rivers draining into Myanmar subbasins in the state of Mizoram"	Junior Research Fellow	One	2.5 years	Iunior Research Fellow Essential: Graduate Degree in Professional Course (B.E/B.Tech.) in Civil/Water Resources/Hydrology Engineering OR Post Graduate Degree in Professional Course M.E./M.Tech. in Civil/Water Resources Engg./Hydrology/Soil & Water Conservation Engg/Geo-informatics/Climate Sciences . selected through a process described through any one of the following: 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	Rs. 31,000/- + HRA ( as admissible)	Dated 8.7.2021 10.00 AM at NIH, Roorkee

5.	Chemical & Isotopic Characterization of Deep Aquifer Groundwater of Middle Ganga Basin, (PDS under NHP)	Junior Research Fellow	One	7 month	Government Departments and their Agencies and Institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISC, IISER etc.  Desirable: Good knowledge in (i) Hydrological Modeling/Tools like SWAT, WEAP, (ii) Climate change analysis and downscaling of CMIP5/CMIP6 GCMs/RCMs (iii) Programming in Python/R (iv) Remote sensing & GIS applications.  Junior Research Fellow (JRF)  Essential: Post Graduate Degree in Professional Course M.E/M.Tech.) in Water Resources/Earth Science/Environmental Science/HydrologicalSciences/ Remote Sensing/Soil & Water Conservation Engg. selected through a process described through any one of the following:  a. Scholars who are selected through National Eligibility Tests- CSIR-UGC NET	Rs. 31,000/- + HRA ( as admissible)	Dated 8.7.2021 10.00 AM at NIH, Roorkee

## **General conditions:**

- Professionals with requisite qualifications and experience as prescribed would be eligible for the appointment of above posts.
- 2. 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.
- 3. 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.
- 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 selected candidates shall not be entitled to any allowance such as Dearness Allowance, Residential Telephone, Transport facility, Personal Staff etc.
- 7. 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.
- 8. 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.
- 9. Candidates can directly attend the walk-in-interview on the prescribed date, time at NIH along with complete biodata, 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.
- 10. **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.
- 11. Maximum Age for Research Scientist C shall be 40 years and for Junior Research Fellow (JRF) will be 28 years & Project Associate (I) will be 35 years and Project Officer /Technical 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.
- 12. 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. Out station candidates are required to make their own boarding and lodging arrangement at Roorkee.

(Sanjay Kumar) Sc. 'E' & Sr. Admn. Officer