

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.18/2022-NIH(Admn.)

Dated: 24.01.2023

Subject: Advertisement for the selection of Project Scientist-II, Research Associate-I, Junior Research Fellow, Project Associate-I and Resource Person (Junior) through Walk-in-Interview for the following Internal Study, Projects.

Sl. No.	Project/Sub-Project and Division Title	Designation	No. of Post	Duration	Qualification	Emoluments per month	Date, time & place of interview
1.	NHP sponsored study titled “Comprehensive Assessment of Water Availability, use and issues for Goa State” (For Regional Centre at RC Belagavi)	Project Scientist-II	01	December, 2023, or till the termination of the project, whichever is earlier	<u>Project Scientist-II</u> <u>Essential:</u> Doctoral Degree in Hydrology/ Water Resources/ Hydraulic Engg. or equivalent from a recognized university and Three years research experience in R&D, Industrial and academic Institutions or Science and Technology Organizations and Scientific activities and services <u>Desirable:</u> 1. Experience in field observations and experiments, hydrological data collection and preparation, hydrological modelling. 2. Knowledge of programming language 3. Attempt in GATE / NET exams	Rs.67,000/-p.m+ HRA(as applicable)	Dated 08.02.2023 10.30 AM at NIH, Roorkee
2.	For “Centre for cryosphere and climate change studies” under Water Resources Systems Division	Research Associate-I	01	Initially for one year (likely to be extended futher)	<u>Research Associate-I</u> <u>Essential:</u> Ph.D in Hydrology, Geology, Earth Sciences/Civil engineering/Water Resources Engineering/Geo-informatics/Agricultural Engineering OR M.E./M.Tech. in Hydrology,Geology, Earth Sciences/Civil Engg./Water Resources Engg. /Remote Sensing & GIS/Agricultural Engg. and having 3 years of research experience after M.E/M.Tech, with at least one research paper in SCI journal Preference will be given to NET/GATE (CSIR/UGC,ICAR, ICMR etc.) qualified candidates) <u>Desirable:</u> Experience in Snow-Glacier Dynamics, Snowmelt and Glacier Melt Runoff Modeling, Remote Sensing and GIS applications, Python Programming.	Rs.47,000/-p.m+ HRA(as applicable)	Dated 08.02.2023 10.30 AM at NIH, Roorkee
		Project Associate-I	01	Initially for one year (likely to be extended futher)	<u>Project Associate-I</u> <u>Essential:</u> Master’s Degree in Hydrology, Geology, Earth Sciences/ Civil engineering/ Water Resources Engineering/ Geo-informatics/ Agricultural Engineering. <u>Desirable:</u> Experience in Snow-Glacier Dynamics, Snowmelt and Glacier Melt Runoff Modeling, Remote Sensing and GIS applications, Python Programming.	(i) Rs.31,000/-p.m+ HRA(as applicable) to Scholars who are selected through (a) National Eligibility Tests-CSIR-UGC NET including lectureship (Assistant Professorship) or GATE or (b) A selection process through National level examinations conducted by Central Govt. Departments and their Agencies and Institutions (ii) Rs.25,000/-p.m+ HRA (as applicable) for others who do not fall under (i) above	Dated 10.02.2023 10.00 AM at NIH, Roorkee
3.	Project titled ‘Integrated Management of Water Resources for Quantity and Quality in Upper Yamuna Basin upto Delhi’	Research Associate-I	01	31.01.2024	<u>Research Associate-I</u> <u>Essential:</u> Ph.D. degree in Civil Engg./ Water Resources/Hydrology/ Natural Resource Management/Earth Science/ Environ. Engg./Environ. Science/ Agricultural Engg. / Soil & Water Conservation Engg. OR M.E./M.Tech. in Water Resources /	Rs.47,000/-p.m+ HRA(as applicable)	Dated 08.02.2023 10.30 AM at NIH, Roorkee

					Hydrology/ Env. Engg./ Soil & Water Conservation Engg. and having 3 years of research experience after M.E/M.Tech, with at least one research paper in SCI journal Nature of Work: Lab experiments, data processing and hydrological modeling. Preference will be given to meritorious candidates with experience in hydrological modeling using software such as HEC-HMS, GMS etc., work on GIS, statistical analysis, climate change impact analysis.		
		Junior Research Fellow	01	31.01.2024	Junior Research Fellow Essential: Post Graduate Degree in Earth Science/Applied Geology and Environ. Science. OR M.E./M.Tech. in Civil Engg./ Water Resources / Hydrology/ Environmental Engg./Agricultural Engg./ Soil & Water Conservation Engg./Remote Sensing or Geological Technology. Selection 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 Government Departments and their Agencies and Institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER etc. Nature of Work: Lab experiments, data processing and support in hydrological modeling. Preference will be given to meritorious candidates with experience in GIS, statistical analysis, water quality analyses and hydrological modeling.	Rs.31,000/-p.m.+ HRA(as applicable)	Dated 10.02.2023 10.00 AM at NIH, Roorkee
4.	Indian National Committee on Climate Change (INCCC)	Resource Person (Junior)	01	06 months	Resource Person (Junior) Essential: Master degree in Physics, Mathematics OR B.Tech in Civil Engineering/Agricultural Engg/ Environmental Engg OR MCA.	Rs.20,000/- to 40,000/- p.m. + Rs. 1,500/-p.m. as local conveyance	Dated 10.02.2023 10.00 AM at NIH, Roorkee
5.	Hydrological Assessment of Ungauged basins (Aghanashini, Dasanakatte, Sita Nadi, Madisala Hole, Swarna Nadi and Gurupur River Basins) of the West Flowing Rivers in the Western Ghat Region of Karnataka.	Junior Research Fellow	02	June, 2024	Junior Research Fellow Essential: M.Sc./M.E./M. Tech in Civil Water Resources Engg., Hydrology, Soil & Water Conservation Engg., Earth Sciences, Remote Sensing, Geo-informatics 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 Government Departments and their Agencies and Institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER etc. Desirable: Good knowledge of hydrological modeling and Time Series data analysis in Python Programming Remote Sensing and GIS works	Rs.31,000/-p.m.+ HRA(as applicable)	Dated 10.02.2023 10.00 AM at NIH, Roorkee

6.	Internal Study titled "Water Availability Assessment for Project Formulation Madhya Pradesh" (For Regional Centre at Bhopal)	Resource Person (Junior)	01	1 Years	Resource Person (Junior) Essential: Masters Degree in Water Resources/Hydrology/Geology/Agriculture/RS & GIS. OR B. Tech in relevant subject.	Rs.20,000/- to 40,000/- p.m. + Rs. 1,500/-p.m. as local conveyance	Dated 10.02.2023 10.00 AM at NIH, Roorkee
7.	Nuclear Hydrology Laboratory	Resource Person (Junior)	01	06 months	Resource Person (Junior) Essential: Master degree in Science OR B. Tech Computer Science / Instrumentation Engg. Desirable: Preference will be given to those candidates who are having at least two years experience in handling of IRMS and analysis of different parameters of water. Experience: Candidate should have experience of field Sampling related to various isotope and chemistry. Job description: For Operation and analysis of IRMS and analysis of chemical parameters of water.	Rs.20,000/- to 40,000/- p.m. + Rs. 1,500/-p.m. as local conveyance	Dated 10.02.2023 10.00 AM at NIH, Roorkee
8.	Internal Study titled "Glaciers on Qinghai-Tibet Plateau"	Resource Person (Junior)	01	Initially for one year (likely to be extended further)	Resource Person (Junior) Essential: Master Degree in Hydrology/Geology/Earth Science/Civil Engg./ Geoinformatics/ Agricultural Engg./Water Resources Engg. & Management. Desirable: Experience in Hydrological Modeling, Remote Sensing and GIS Applications, Climate Change Analysis, Programming in Python.	Rs.20,000/- to 40,000/- p.m. + Rs. 1,500/-p.m. as local conveyance	Dated 10.02.2023 10.00 AM at NIH, Roorkee

General conditions:

1. 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.
4. 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 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.
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. **(Copy enclosed)**
11. **Maximum Age for Project Scientist-II shall be 40 years, Research Associate & Project Associate-I shall be 35 years and Junior Research Fellow 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.

(L.N. Thakural)
Sec. 'D' & Senior Admn. Officer

15. Working experience :-

S. No.	Mentioning S. No.	Organisation/ Institute	Period (from ... to)	Nature of work	remarks

16. Research Paper published if any :

17. Knowledge of software :

18. Any other additional information :

19. List of enclosures :- a)

b)

c)

d)

e)

f)

g)

Date

Signature of Candidate