

राष्ट्रीय जलविज्ञान संस्थान
(जल शक्ति मंत्रालय, जल संसाधन, नदी विकास और गंगा संरक्षण विभाग के अधीन भारत सरकार की समिति
जलविज्ञान भवन, रुड़की उत्तराखण्ड)
NATIONAL INSTITUTE OF HYDROLOGY
(A Government of India Society under Ministry of Jal Shakti, Department of Water Resources, R.D. & G.R.
Jalvigyan Bhawan, Roorkee (Uttarakhand))

Advertisement Notice

Advertisement No.Project/Advt.37/2025-NIH(Admn.)

Dated:21.03.2025

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

Sl. No.	Project/Sub-Project and Division Title	Designation	No. of Post	Duration	Qualification	Emoluments per month	Date, time & place of interview
01.	Project titled "Study on Hydrogeology and Spring Water Sources"	Project Scientist-I	01	31.12.2025	<p>Project Scientist-I Essential: Ph.D. submitted/Awarded in Geophysics/Hydrology /Geo-informatics/ Geology/Water Resources/ Environmental Science. Self-motivated and enthusiastic researcher with experience in carrying out geophysical investigations and hydrogeological field works for groundwater applications.</p> <ul style="list-style-type: none"> In case of without Ph.D. degree, a four year of experience with master degree in Geophysics/ Geology/ Water Resources/ Environmental Science will be considered for Research Associate Position. If Ph.D. candidates are not available, then Masters (M.Sc/M.Tech) in Geophysics will also be considered for JRF/SRF position. <p>The salary will be considered based on experience.</p> <p>Nature of Work: Carrying out Electrical Resistivity Tomography (ERT), Electrical Vector Resistivity Imaging (EVRI) and Ground Penetrating Radar (GPR) investigations for different hydrogeological applications and groundwater exploration/ Gravity/GRACE and GPS data analysis.</p>	Rs.56,000/-p.m+ HRA Increment of 5% for every 2 years of experience subject to performance review.	Dated 04.04.2025 10.30 AM at NIH, Roorkee
02.	Indian Irrigation Management System	Project Scientist-II	01	Initially for one year (likely to be extended) or till the completion of the project	<p>Project Scientist-II Essential: Doctoral Degree in Science Or Master's Degree in Engineering or Technology in the field of Computer Science/Information Technology/ Geoinformatics from a recognized University or equivalent; & Three Years' experience in Research and Development in industrial and academic Institutions or Science and Technology Organizations and Scientific activities</p>	Rs.67,000/-p.m+ HRA Increment of 5% for every 2 years of experience subject to performance review.	Dated 04.04.2025 10.30 AM at NIH, Roorkee

			and service. Desirable: Having Strong Knowledge of Web GIS software/tools (GRASS GIS, GDAL), Python, Django, leaflet, open layers, geoserver, PostgreSQL, Postgis, QGIS/ArcGIS. Candidates will be given preference who has Strong Knowledge & Experience in server-client architecture, deploying web-based applications in linux/windows server, Handling large geospatial data, and spatial analysis		
Project Scientist-I	01	Initially for one year (likely to be extended) or till the completion of the project	Project Scientist-I Essential: Doctoral Degree in Science OR Master's Degree in Engineering or Technology in the field of Computer Science/Information Technology/ Geoinformatics from a recognized University or equivalent Desirable: Having Strong Knowledge of Remote Sensing & GIS tools/Software, Google Earth Engine, Python java Script, databases (SQL, Post GIS), Geoserver, Candidates will be given preference who has Strong knowledge & Experience in Creating and deploying Web GIS Application Handling large geospatial data, and spatial analysis.	Rs.56,000/-p.m+ HRA Increment of 5% for every 2 years of experience subject to performance review.	Dated 04.04.2025 10.30 AM at NIH, Roorkee
Junior Research Fellow	02	Initially for one year (likely to be extended) or till the completion of the project	Junior Research Fellow Essential: Post Graduate Degree in Basic Science, Chemistry, Earth Science, Geology, Environment Science. OR M.Tech in Civil Engineering, Soil & Water Conservation Engineering, Water Resources Engineering, Water Engineering & Management, Environmental Engineering, Applied Geology, Remote Sensing or equivalent. 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, MoE, ICAR, ICMR, IIT, IISc, NISER etc. Candidates will be given preference who has strong knowledge in Application of Remote Sensing & GIS in Water Resources and have a basic knowledge of GIS tools like QGIS, GRASS, Google Earth Engine etc.	Rs. 37,000/- p.m. + HRA (as applicable)	Dated 07.04.2025 10.30 AM at NIH, Roorkee

03.	NIH-WISDOM	Project Scientist-II	02	Initially for one year (likely to be extended) or till the completion of the project	<p>Project Scientist-II Essential: Doctoral Degree in Science. OR Master's Degree in Engineering or Technology in the field of Computer Science/ Information Technology from a recognized University or equivalent; & Three Years' experience in Research and Development in industrial and academic Institutions or Science and Technology Organizations and Scientific activities and service. Desirable: Experience in web Application and API development, SQL and geospatial data handling, programming in PYTHON.</p>	Rs.67,000/-p.m+ HRA Increment of 5% for every 2 years of experience subject to performance review.	Dated 04.04.2025 10.30 AM at NIH, Roorkee
04.	Climate Hydrology Division	Resource Person (Jr)	01	01 year	<p>Resource Person (Junior) Essential: Post Graduate degree in Hydrology, Water Resources, Land and Water Resources, Geophysics, Remote Sensing, and Geo-informatics. Desirable: (i) PhD degree in Hydrology/Climate Change/ Climate Modeling/Water Resources Engineering (ii) Proficiency in programming (Python, R) and Linux (iii) Publications in peer-reviewed journal (iv) GATE/NET qualified Nature of work: Climate data processing and interpretation, Hydrological modeling viz., VIC, Noah LSM, SWAT, SPHY, HEC-HMS, HEC-RAS etc.</p>	Rs.20,000/- to 40,000/- p.m. + Rs. 1,500/-p.m. as local conveyance	Dated 07.04.2025 10.30 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 Project Scientist-I will 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.

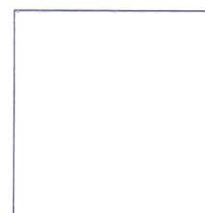
Note: Candidates before appearing for the Walk-in-Interview shall ensure that they are eligible (in the required field) for the position they intend to apply. Out station candidates are required to make their own boarding and lodging arrangement at Roorkee.


(Saleem Ahmed)
Senior Administrative Officer

NATIONAL INSTITUTE OF HYDROLOGY

(Ministry of Jal Shakti, Department of Water Resources, River Development and Ganga Rejuvenation)
 Jalvigyan Bhawan, Roorkee – 247 667 (Uttarakhand)

APPLICATION FROM



Position Applied For

Project Title

.....

Please use BLOCK LETTERS:

1. Full Name: Sex M/F):

2. Father's/Husband's Name: Father's/Husband's National

3. Present Address:

.....

4. Permanent Address

.....

5. Email ID :

6. Mobile No:

7. a) Date of Birth (b) Birth Place:

(c) State of Domicile

8. Citizenship:

9. * Do you belong to: (a) Scheduled Caste- Yes/No (b) Scheduled Tribe - Yes/No (c) OBC-Yes/ No

10a. Academic and Professional qualifications (from High School onwards): Attach self-attested certificate

Degree/ Diploma	Subject	Percentage of Marks or Grade	Name of Univ./Institution	Duration of Course	Month & year of passing

10. (b) If PhD degree not awarded, please give whichever applicable :

Date of thesis Submission.....

Likely date of submission:

11. Title of PhD Thesis :

.....

12. Specializations, in terms of Broad Area of Specialization and Exact Area of Specialization:

(a) Subject	(b) Broad Area of Specialization	Exact Area of Specialization

13. Publications and Patents: **(Please attach list of publications in SCI journals with full references and corresponding with those in the list) (If available)**

(a) No. of Papers (i) Published.....(ii) Accepted.....

(b) No. of Books published.....

(c) No. of patents: (i) Filed :.....(ii) Granted:.....

14. Prizes, Honours, Awards, Distinctions, if any:.....

15. Experience held: (Please attached copy of experience certificate)

Position	Name of the organization/ agency	Dates		Pay/wages	Nature of duties
		From	To		

16. Please indicate in case you are shortlisted whether you would like to attend the interview through video calling or telephonically. If you wish to attend interview through video call please provide your Identity and mode preferred by you for video call.

17. Declaration

I have read the terms and conditions of the Institute. I accept and agree to abide by these if the Fellowship is offered to me. I certify that to the best of my knowledge and belief the particulars given in the application are correct. I understand that the decision taken on my application by NIH will be final. If false and suppression of factual information in the application form comes to the notice of NIH at any time during the tenure the fellowship would be liable to be terminated.

Place.....

Signature of the candidate

Date