

राष्ट्रीय जलविज्ञान संस्थान

(जल शक्ति मंत्रालय, जल संसाधन, नदी विकास और गंगा संरक्षण विभाग के अधीन भारत सरकार की समिति जलविज्ञान भवन, रुड़की उत्तराखंड)

NATIONAL INSTITUTE OF HYDROLOGY

(A Government of India Society under Ministry of Jal Shakti, Department of Water Resources, R.D. & G.R. JalvigyanBhawan, Roorkee (Uttarakhand))

Advertisement Notice

Advertisement No.Project/Advt.28/2024-NIH(Admn.)

Dated: 29.03.2024

Subject: Advertisement for the selection of Senior Research Fellow, Research Associate-I Junior Research Fellow, Project Associate-I & Project Assistant through Walk-in-Interview for the following NIH, various Projects.

Sl. No.	Project/Sub-Project and Division Title	Designation	No. of Post	Duration	Qualification	Emoluments per month	Date, time & place of interview
1.	Consultancy Project titled "Flood plain zone delineation from Unnao to Balia"	Senior Research Fellow (SRF)	01	Initially up to January 2025	<p>Senior Research Fellow (SRF)</p> <p>Essential: M.E/M.Tech in Civil/ Water Resources Engineering, Hydrology, Hydraulics, Agriculture Engineering, Soil & Water Conservation Engg., Remote Sensing Geo-informatics or equivalent.</p> <p>Selection through a process described through any one of the following:</p> <p>a. Scholars who are selected through National Eligibility Tests- CSIR-UGC NET including lectureship (Assistant Professorship) and GATE.</p> <p>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.</p> <p>Experience: Minimum two years of experience as JRF at a reputed institute.</p> <p>Desirable: Good knowledge of Hydraulic modelling using HEC-RAS, Mike Flood and use of remote Sensing & GIS, Google Earth Engine (GEE) for demarcation of flooded areas etc.</p>	Rs. 42,000/- + HRA (as admissible)	Dated 12.04.2024 10.30 AM at NIH, Roorkee
2.	Project titled "Groundwater fluctuations and conductivity monitoring in Punjab-New evidence of groundwater dynamics in Punjab from high frequency groundwater level and salinity measurements"	Project Associate-I	01	November, 2024	<p>Project Associate-I</p> <p>Essential: Post Graduate Degree in Earth Sciences, Environmental Sciences, Geology.</p> <p>OR</p> <p>B..Tech/M. Tech. in Civil Engineering, Agriculture Engineering, Water Resource Engineering. Desirable: Experience to carry out field and laboratory investigations for groundwater sampling and analysis; data logger installation etc.</p>	(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 12.04.2024 10.30 AM at NIH, Roorkee

11/03/2024

3.	Project titled "Preparation of Status Reports of Salinity Ingress in Coastal Area of Saurashtra and Kachchh"	Junior Research Fellow	02	February, 2026	<p>Junior Research Fellow (JRF) Essential: Post Graduate Degree in Earth Science/ Applied Geology / Environ. Science with NET/GATE Qualification.</p> <p>OR</p> <p>M.E./MTech in Water Resources/Hydrology /Environmental Engg./Soil & Water Conservation Engg./ Geological Technology. Selection through a process described through any one of the following:</p> <p>a. Scholars who are selected through National Eligibility Tests- CSIR-UGC NET including lectureship (Assistant Professorship) and GATE.</p> <p>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.</p> <p>Nature of work:</p> <ul style="list-style-type: none"> • Data Processing, GIS & Remote Sensing, Water Quality related work pertaining to coastal areas. • Preference will be given to meritorious candidates with experience in GIS & Remote Sensing, statistical analysis, water quality analyses, coastal areas. 	Rs. 37,000/- + HRA (as admissible)	Dated 12.04.2024 10.30 AM at NIH, Roorkee
4.	project titled "Innovation Centre for Eco-prudent Wastewater Solutions (IC-ECOWS)" DST Funded	Research Associate-I	01	12 Months OR Completion of project whichever is earlier	<p>Research Associate-I Essential: Ph.D degree in Engg./Sciences in Environmental/Biochemical Engg/ Environmental Science/ Chemistry) with at least one research paper in SCI Journal.</p> <p>Desirable: Persons with higher/ additional qualifications, research experience, and published papers in the field of wastewater treatment would be preferred.</p> <p>Nature of Work: Field investigations, lab experiments, data processing, and report writing</p>	Rs. 58,000/- + HRA (as admissible)	Dated 12.04.2024 10.30 AM at NIH, Roorkee
		Junior Research Fellow	01	12 Months OR Completion of project whichever is earlier	<p>Junior Research Fellow (JRF) Essential: Post Graduate Degree in basic sciences (Environmental Science/ Chemistry/ Biotechnology) OR Graduate/ Post Graduate Degree in Professional Course (Environmental/ Chemical Engg.) Selection through a process described through any one of the following:</p> <p>a. Scholars who are selected through National Eligibility Tests- CSIR-UGC NET including lectureship (Assistant Professorship) and GATE.</p> <p>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.</p> <p>Desirable: Persons with research experience and published papers in the field of wastewater treatment would be preferred.</p> <p>Nature of Work: Field investigations, lab experiments, data processing, and report writing</p>	Rs. 37,000/- + HRA (as admissible)	Dated 12.04.2024 10.30 AM at NIH, Roorkee

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5.	DST project titled "Use of deep learning models to understand the impact of climate and land use changes on future groundwater resources"	Junior Research Fellow	01	05 th June, 2025	<p>Junior Research Fellow (JRF) Essential: Post Graduate Degree in Geophysics/Hydrology/Geo-informatics/Land and Water Resources Selection through a process described through any one of the following:</p> <p>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.</p> <p>Nature of work: GIS & Remote Sensing with large satellite based spatial data analysis/Google Earth Engine, integrated Hydrological modelling and Water Accounting, Gravity/GRACE and GPS data analysis. Preference will be given to meritorious candidates with experience integrated hydrological modeling and with python programming knowledge.</p>	Rs. 37,000/- + HRA (as admissible)	Dated 12.04.2024 10.30 AM at NIH, Roorkee
6.	Project titled DST-NWO Consortia "Changing the fate of the Hindon river by evaluating the impact of agriculture on the water balance Developing a template for a cleaner Ganga River"	Junior Research Fellow	01	Initially for one year (likely to be extended further)	<p>Junior Research Fellow Essential: Post Graduate Degree in Basic Sciences (Chemistry, Earth Sciences, Geology, Environmental Sciences). OR M.Tech in Civil Engg., Soil and Water Conservation Engg., Water Resources Engg., Water Engg. & Management, Environmental Engineering, Applied Geology. Selection through a process described through any one of the following:</p> <p>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.</p> <p>Nature of work: 1. Experience in Hydrological modeling, RS & GIS Application 2. To carry out field and laboratory investigations for River Hindon Basin.</p>	Rs. 37,000/- + HRA (as admissible)	Dated 12.04.2024 10.30 AM at NIH, Roorkee
		Project Assistant	01	Initially for one year (likely to be extended further)	<p>Project Assistant Essential: B.Sc./3 years diploma in Civil Engineering. Nature of work: To carry out field and laboratory investigations for River Hindon Basin.</p>	Rs. 20,000/- + HRA (as admissible)	Dated 12.04.2024 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.

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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 Research Associate-I shall be 35 years, Senior Research Fellow will be 32 years and Junior Research Fellow will be 28 years, Project Associate-I will be 35 years & Project Assistant will be 50 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.


(P.K. Mishra)

Sc. D & Senior Administrative Officer

Head,

Computer Centre NIH website

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