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/NHP(PDS)-Kakinada/2018-NIH(Admn.)
Dated: 26.08.2019

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	Durati- on	Qualification	Emoluments per month	Date, time & place of interview
1.	"Ganges aquifer management in the context of monsoon runoff conservation for sustainable river ecosystem services-A pilot study" under the PDS (NHP)	Research Associate	01	01 years	Oualification Essential: Ph.D in Water Resources. OR M.E/M.Tech. in Water Resources having 03 years of research,teaching and design and development experience With at least one research paper in Science Citation Indexed (SCI) journal Job Requirements: Remote Sensing & GIS Geophysical investigations River flow/quality modeling Distributed catchment modeling	Rs.47,000/- +HRA (as admissible)	Dated 18.09.2019 11.00AM at NIH, Roorkee
2.	"Integrated Management of Water Resources for Quantity and Quality in Upper Yamuna Basin upto Delhi"	Research Associate	01	Initially for six months (extend able up to the project period)	Qualification Essential: Ph.D degree in Civil Engg./Water Resources/Hydrology/Natural Resources Management/Earth Science/hydrogeology/ Environmental Engg. OR M.E/M.Tech. in Civil Engg./Water Resources/Hydrology/Hydrogeology/Remote Sensing & GIS having 3 years of research experience, with at least one research paper in Science Citation Indexed (SCI) journal Nature of Work: Field investigations,data processing and hydrological modeling. Preference will be given to candidates having experience of groundwater modeling using softwares such as MODFLOW etc. work on Remote Sensing & GIS, statisfical analysis, climate change impact analysis.	Rs.47,000/- +HRA(as admissible)	Dated 18.09.2019 11.00AM at NIH, Roorkee
3.	Ground Water Hydrology Division	Resource Person (Senior)	01	Initially for six months	Oualification Essential: Professionals having Masters Degree in Computer Application and minimum post qualification experience of 6 years in the requisite field. Desirable: Knowledge of Programming in Java, NET, Java Script, Python	Rs.40,000/- to Rs.70,000/- depending upon educational qualification and experience. Plus Rs.3000/- p.m. as local conveyance	Dated 18.09.2019 11.00AM at NIH, Roorkee
4.	"Study of behavior of multi aquifer system and aquifer mapping for an effective groundwater	Junior Research Fellow	01	03 Years	Junior Research Fellow (JRF) Essential: Post Graduate Degree in Basic Science OR Post Graduate Degree in Professional Course	Rs.31,000/- p.m. + HRA (as applicable)	Dated 17.09.2019 10.00AM at NIH, Roorkee

	management in Gunderu sub-basin, West Godavari district, AP' under NHP PDS Sponsored (For Deltaic Regional Centre, Kakinada)				(M.E./M.Tech.) (in Civil Engg./Agricultural Engg./ Environmental Engg./ Water Resources/ Hydrology/ Remote Sensing and GIS/ Geomatics/ Geoinformatics/ Earth Sciences/ Environmental Sciences) 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, IIT, IISC, IISER etc. Desirable: Those who have undertaken research work/ Training in Groundwater modeling and persons with higher/additional qualifications and execution of research projects would be preferred.		
5.	"Impact of Rain water Harvesting on Groundwater Quality in India with Specific Reference to Fluoride and Micropollutants" India-UK project sponsored by DST- NERC-EPSRC	Junior Research Fellow /Senior Research Fellow	01	Dec. 31, 2020	Junior Research Fellow /Senior Research Fellow Essential: Post Graduate Degree in Basic Sciences (Environmental Science/Chemistry/Earth Science/Geology/Hydrogeology/Remote Sensing & GIS) OR Graduate/Post Graduate Degree in Professional Courses (B.E./M.Tech.) (Water Resources/Hydrology /Environmental Engineering/Chemical Engineering/Soil & Water Conservation Engg./Remote Sensing & GIS) 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, IIT, IISc, IISER etc. Senior Research Fellow: same qualification as in JRF but two years of research.	Rs. 31,000/- + HRA (as admissible) Rs. 35,000/- + HRA (as admissible) (Only those registerd for Ph.D.)	Dated 17.09.2019 10.00AM at NIH, Roorkee
6.	"Assessment of impacts of groundwater salinity on regional groundwater resources, current and future situation in Mewat, Haryana-possible remedy and resilience building measures" under PDS	Junior Research Fellow	01	02 years	Junior Research Fellow (JRF) Essential: Post Graduate Degree in Basic Sciences (M.Sc.) in Chemistry/Earth Science/Geology/ Environmental Sciences OR Graduate Degree in Professional Course (B.E./B.Tech.) in Civil Engineering/Environment Engineering OR Post Graduate Degree in Professional Course (M.E./M.Tech.)in Civil Engineering/Water Resources/ Hydrology/ Remote sensing & GIS/M.Tech in integrated Earth Science	Rs. 31,000/- + HRA (as admissible)	Dated 17.09.2019 10.00AM at NIH, Roorkee

					Engineering		
					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, IIT, IISC, IISER etc. Nature of Work: Field investigation in Mewat district, Haryana and Laboratory analysis. Desirable: Preference will be given to candidates having experience of water quality analysis.		
7.	Hydrological Investigations Division	Resource Person (Junior)	02	Initially for 06 months	Resource Person (Junior) Essential: Post Graduate Degree in Basic Sciences (M.Sc.) in Geology, Physics, Mathematics and Chemistry OR Graduate Degree in Professional Course (B.E./B.Tech.) in Civil/Agricultural Engg. Preference will be given to those candidates who are having at least two years experience in handling of IRMS, Alpha and Gamma spectrometer, Tritium Enrichment, RAD-7 and Ion-Chromatograph Experience Candidate should have experience of field sampling related to various isotope and chemistry. Job discription: For Operation & analysis of sediment sample using alpha and gamma spectrometer for Pb-210 and Cs-137 dating techniques OR For Operation & analysis of DI-IRMS and water isotope analyser and analysis in water sample OR For Operation and maintenance of IC, RAD-7 and Tritium Unit and analysis of chemical parameters of water. Desirable: Preference will be given to those candidates who are having at least two years experience in handling of IRMS, Alpha and Gamma spectrometer, Tritium Enrichment, RAD-7 and Ion-Chromatograph	Rs.20,000/- to Rs.40,000/- depending upon educational qualification and experience. Plus Rs.1500/- p.m. as local conveyance	Dated 17.09.2019 10.00AM at NIH, Roorkee
8.	"Evaluation of Impacts of Rabi Irrigation in Ganga Sub Basin of Madhya Prasesh" (For Central India Hydrology Regional Centre, Bhopal)	Field Assistant	07	10 months	Field Assistant Essential: Graduuation in any discipline.	Rs.10,000/- p.m.	Dated 17.09.2019 10.00AM at NIH, Roorkee
9.	NMSHE Sub-project 8 entitled "Study of River- Aquifer Interactions and Groundwater Potential in the Upper Ganga Basin up to Dabrani"	Junior Research Fellow (JRF)	01	01 year	Junior Research Fellow (JRF) Essential: Post Graduate Degree (M.Sc.) in Hydrology, Water Resources, Hydrogeology OR Graduate Degree in Professional Course (B.E./B.Tech.) in Civil/Agricultural Engg. OR Post Graduate Degree in Professional Course (M.E./M.Tech.) in Hydrology, Water Resources, Hydrogeology. selected through a process described through any one of the following: a. Scholars who are seleted through National Eligibility Tests- CSIR-UGC NET including	Rs. 31,000/- + HRA (as admissible)	Dated 17.09.2019 10.00AM at NIH, Roorkee

					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. Job Requirements: Remote Sensing & GIS Geophysical investigations Aquifer Characterization Data interpretation & modeling		
10.	NMSHE Sub-project 6 entitled "Hydrological modeling in Alaknanda basin and assessment of climate change impact"	Junior Research Fellow	01	One year	Junior Research Fellow (JRF) Essential: Graduate Degree in Professional Course (B.E./B.Tech.) in Civil/Agricultural Engineering OR Post Graduate Degree in Professional Course (M.E./M.Tech.) in Water Resources Engineering/, 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, IIT, IISC, IISER etc. Job Requirements: Remote Sensing & GIS Data interpretation & modeling	Rs. 31,000/- + HRA (as admissible)	Dated 17.09.2019 10.00AM 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 appointe 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.
- 11. Maximum Age for Research Associate shall be 35 years and for Senior Research Fellow shall be 32 years and Junior Research Fellow (JRF) and Field 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.

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1.	"Ganges aquifer management in the context of monsoon runoff conservation for sustainable river ecosystem services-A pilot study" under the PDS (NHP)		01	1	जिल्ला विषय में डाक्टरेट डिग्री (पी.एच.डी.) अथवा जल संसाधन विषय में व्यावसायिक पाठ्यक्रम में स्नातकोत्तर डिग्री (एस.ई./एस.टेक) तथा अनुसंधान, शिक्षण और डिजाइन और विकास के क्षेत्र में 3 वर्षों का अनुभव तथा विज्ञान प्रशस्ति पत्र (SCI) जर्नल में कम से कम एक शोध पत्र। कार्य विवरण: Remote Sensing & GIS Geophysical investigations River flow/quality modeling Distributed catchment modeling		18.09.201 9 - 11.00
2.	"Integrated Management of Water Resources for Quantity and Quality in Upper Yamuna Basin upto Delhi"	रिसर्च एसोसिएट (आर.ए.)	01	प्रारम्भ में 06 माह के लिए (exten dable up to the projec t period)	जिनवार्यः सिविल इंजीनियरिंग/जल संसाधन/जलविज्ञान/नेचूरल रिर्सोसस मैनेजमेंट/भू-विज्ञान/हाइड्रॉजियोलॉजी/पर्यावरण इंजीनियरिंग विषयों में डाक्टरेट डिग्री (पी.एच.डी.) अथवा सिविल इंजीनियरिंग/जल संसाधन/जलविज्ञान/हाइड्रॉजियोलॉजी/ रिमोट संनसिंग एवं जी.आई.एस. विषयों में व्यावसायिक पाठ्यक्रम में स्नातकोत्तर डिग्री (एम.ई./एम.टेक) तथा अनुसंधान क्षेत्र में 3 वर्षों का अनुभव तथा विज्ञान प्रशस्ति पत्र (SCI) जर्नल में कम से कम एक शोध पत्र। कार्य विवरणः फील्ड अन्वेषण, डाटा प्रोसेसिंग एवं हाइड्रॉलाजी माडलिंग वॉखनीयः	.47,000/- + HRA (as admissible)	18.09.201 9
3.	Ground Water Hydrology Division	रिर्सोस परसन (सीनियर)	01	आरम्भ में छ: माह के लिए	रिसोंस परसन (सीनियर) अनिवार्य: Computer Application विषय में स्नातकोत्तर डिग्री (Masters Degree) योग्यता रखने वाला अनुभवी व्यक्ति तथा सम्बन्धित क्षेत्र में छ: वर्षों का अनुभव। वाँछनीय: Knowledge of Programming in Java, NET, Java Script, Python	Rs.40,000/- to Rs.70,000/- depending upon educational qualification and experience. Plus Rs.3000/- p.m. as local conveyance	18.09.201 9 - 11.00
4.	"Study of behavior of multi aquifer system and aquifer mapping for an effective groundwater management in Gunderu subbasin, West Godavari district, AP' under NHP PDS Sponsored (For Deltaic Regional Centre, Kakinada)		01	03	ज्ञियर रिसर्च फेलो (जे.आर.एफ.) (M.Sc.) 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, IIT, IISC, IISER etc.		17.09.201 9 - 10.00

					वॉछनीयः ऐसे उम्मीदवार को प्राथमिकता दी जायेगी जिन्हें शोध कार्य/भूजल मॉडलिंग में ट्रेनिंग कार्य तथा रिसर्च प्रोजेक्ट के निष्पादन का कार्य का अनुभव हो तथा उच्च/अतिरिक्त योग्यता रखता हो ।□		
5.	"Impact of Rain water Harvesting on Groundwater Quality in India with Specific Reference to Fluoride and Micropollutants" India-UK project sponsored by DST-NERC-EPSRC		01	Dec. 31, 2020	जूनियर रिसर्च फेलो/सीनियर रिसर्च फेलो	.31,000/+ HRA (as admissible) .35,000/+ HRA (as admissible) (Only those registerd for Ph.D.)	17.09.201 9
6.	"Assessment of impacts of groundwater salinity on regional groundwater resources, current and future situation in Mewat, Haryana-possible remedy and resilience building measures" under PDS		01	02	ज्नियर रिसर्च फेलो	रू.31,000/- प्रतिमाह + HRA (as admissible)	17.09.201 9
7.	Hydrological Investigations Division	रिसोंस परसन (जूनियर)	01	Initially for 06 months	पुपर्यस्ता विरस्तय के कावा का अनुमय हो। रिर्सोस परसन (जूनियर) अनिवार्य: भूविज्ञान/भौतिकी/गणित और रसायन विज्ञान विषय में स्नातकोत्तर डिग्री (M.Sc.) □□□□ सिविल/कृर्षि इंजीनियरिंग विषय में व्यावसायिक पाठ्यक्रम में स्नातक डिग्री	Rs.20,000/- to Rs.40,000/- depending upon educational qualification	17.09.201 9 0 10.00

					अनुभव: Candidate should have experience of field sampling related to various isotope and chemistry. कार्य विवरण: For Operation & analysis of sediment sample using alpha and gamma spectrometer for Pb-210 and Cs-137 dating techniques OR For Operation & analysis of DI-IRMS and water isotope analyser and analysis in water sample OR For Operation and maintenance of IC, RAD-7 and Tritium Unit and analysis of chemical parameters of water. वॉखनीय: Preference will be given to those candidates who are having at least two years experience in handling of IRMS, Alpha and Gamma spectrometer, Tritium Enrichment, RAD-7 and Ion-Chromatograph	and experience. Plus Rs.1500/- p.m. as local conveyance	000, 00.0.00., 00000
8.	"Evaluation of Impacts of Rabi Irrigation in Ganga Sub Basin of Madhya Prasesh" (For Central India Hydrology Regional Centre, Bhopal)	00000	07	10 माह	फील्ड असिस्टेंट अनिवार्य: किसी भी विषय स्नातक डिग्री।	रू.10,000/- प्रतिमाह	17.09.201 9
9.	NMSHE Sub- project 8 entitled "Study of River- Aquifer Interactions and Groundwater Potential in the Upper Ganga Basin up to Dabrani"		01	01 year	जूनियर रिसर्च फेलो अनिवार्य: जलविज्ञान, जल संसाधन, हाइड्रोजियोलॉजी विषयों में स्नातकोत्तर डिग्री (M.Sc.)	Rs. 31,000/- + HRA (as admissible)	17.09.201 9
10	NMSHE Sub- project 6 entitled "Hydrological modeling in Alaknanda basin and assessment of climate change impact"	Junior Research Fellow	01	One year	Junior Research Fellow (JRF) Essential: Graduate Degree in Professional Course (B.E./B.Tech.) in Civil, Agricultural Engineering OR Post Graduate Degree in Professional Course (M.E./M.Tech.) in Water Resources Engineering, 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, IIT, IISc, IISER etc. Job Requirements: • Remote Sensing & GIS • Data interpretation & modeling	Rs. 31,000/- + HRA (as admissible)	17.09.201 9

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