



NATIONAL INSTITUTE OF TECHNOLOGY ROURKELA

[An Institute of National Importance under Ministry of Education, Govt. of India]

Sector 1, Rourkela, Sundergarh Dist., Odisha 769 008

SPONSORED RESEARCH INDUSTRIAL CONSULTANCY CONTINUING EDUCATION

NITR / SR / 2025 / Advt.- 25CE039 / L / 122

dt.09-Mar-2026 Ref: FTS 260305-8936

SR-R03

Advertisement for Recruitment of Project Position

Candidates who fulfill the below mentioned criteria may submit the application form before the last date. Engagement will be purely on temporary / contractual basis and co-terminus with the completion of the project. Candidates are advised to go through the advertisement details carefully before applying.

1.	Title of the Project:	Identification of Groundwater Potential Zones and Suitable Sites for Artificial Recharge under Changing Land Cover and Climate for Sustainable Groundwater Management		
2.	Project Code, Dept. with Closing Date:	SR-25-CE-039	06-Oct-2027	Civil Engineering
3.	Funding Agency Details:	ISRO		
4.	PI details:	Prof. Sanat Nalini Sahoo 9437572808	-	sahoosanat@nitrrkl.ac.in, 0661-246 2311 - @ gmail.com
5.	Co-PI details:	Prof. T. Roshni 8220417286	roshni@nitp.ac.in	- @nitrrkl.ac.in, 0661-246 - - @ -NA-
6.	Details of the Post(s):		7. Educational Qualification & Working Knowledge	
Junior Research Fellow (PhD) <i>[Name of the Post(s)]</i>		Essential Qualification (s):		
01 (One) <i>[No. of Post(s)]</i>	02 Year(s), 00 Month(s) <i>(Tenure of Post)</i>	B.Tech/B.E in Civil Engineering/Agricultural Engineering with minimum CGPA of 6.5 or 60% and M.E/M.Tech In Water Resources Engineering/Soil and Water Engineering/ Remote Sensing and GIS/ Geoinformatics with minimum CGPA of 7.0 or 65% from a recognized Technical Institute/University.		
Year 1 & 2		Experience / Software / Skillset & Desirable Qualification:		
INR 37,000.00 /- per month (+) HRA @ NA % (if applicable)		1.Good knowledge on Hydrological & Groundwater Modeling, Climate Change Studies, and Remote Sensing and GIS Software.		
- NA -		2.Candidates with GATE qualification will be given priority.		
INR 0.00 /- per month (+) HRA @ NA % (if applicable)				
Job Description:				

The project, conducted under the direction of the Principal Investigator (PI) and Co-Principal Investigator (Co-PI), aims to identify and map groundwater potential zones and to determine suitable sites for artificial recharge under varying land cover and climate conditions. It integrates remote sensing (RS), geographic information systems (GIS), hydrological modeling, and machine learning techniques to promote sustainable groundwater management. The study involves analyzing spatio-temporal variations in groundwater recharge, evaluating the impacts of land use/land cover (LULC) and climate change on groundwater dynamics.

Notified Later Interview details: - - Department of Civil Engineering

Application link for eligible candidate(s): [NIT Rourkela Homepage](#) ⇒ [FACULTY & STAFF](#) ⇒ [SRICCE](#) ⇒ [Career](#) ⇒ [Notices](#)

The candidate(s) are required to send the complete filled and signed application (soft copy) with documents regarding educational qualification indicating percentage of marks / division (mark-sheets and / or certificates), research papers (if any), work experience certificate (if any) etc., This may be built as a single PDF file and sent by email with "Advertisement No." on the subject link to the above mentioned e-mail IDs. NO hard copies of application(s) are required to be sent to the Institute. **Last date for submitting the Application: 23-Mar-2026**

The period of experience in a discipline / area of work, wherever prescribed, shall be counted after the date of acquiring the minimum prescribed educational qualifications for that position. Mere possession of minimum qualification does not guarantee invitation to the interview. Candidates will be short listed based on merit and need of the project. Selection / Joining will be cancelled in case of any suppression of information / document submitted.

NIT Rourkela reserves the right to fix higher criteria for short-listing of eligible candidates from those satisfying advertised qualification and requirement of the project post. Only short-listed candidates will be informed for Online interview. In case, any clarification is required on eligibility regarding the above post, the candidate may contact in the above mentioned details.

Age Guideline: The upper age limit for applying for the award of project position shall be 30 years, which is relaxed up to 5 years in the case of candidates belonging to Schedule Castes / Schedule Tribes / PWD and Female applicants whereas 3 years in the case of OBCs (Non-creamy layer candidates). Upper age limit shall be reckoned as on the last date of receipt of applications.

Any other terms & conditions governed as per guidelines issued by the funding agency for the engagement of above position as amended from time to time shall be in force towards this temporary recruitment.

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Sd/-
Asst. / Dy. / Jt. Registrar (SR)

Copy to:

- PI & CO- PI: Prof. Sanat Nalini Sahoo, CE & Prof. T. Roshni, CE ➤ Chairman, DRC, Dept. of CE
- Head of the Department / Centres / Units (It is requested that the contents of the above advertisement be brought to the notice of the staff(s) / student(s) working in your Deptt. / Centre / Unit.)
- Dealing Seat (SR – Project Recruitment) ➤ Advertisement File ➔ [To publish advertisement at NITR website.](#)