



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.- 23CE073 / L / 054

dt.04-Aug-2025 Ref: FTS 250731-3863

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:	Study on Condition Assessment and Management Plan for the Mahanadi River Basin.		
2.	Project Code, Dept. with Closing Date:	SR/23/CE/073	31-Mar-2027	Civil Engineering
3.	Funding Agency Details:	NRCD, D/o WR, RD & GR, MoJS, GoI		
4.	PI details:	Prof. Minakshee Mahananda mahanandam@nitrrkl.ac.in, 0661-246 2300 8768669303 - @ gmail.com		
5.	Co-PI details:	Prof. K.K.Khatua; Prof. A.Sharma Co-PI kkkhatua@nitrrkl.ac.in, 0661-246 2307 - sharmaan@nitrrkl.ac.in		
6.	Details of the Post(s):		7. Educational Qualification & Working Knowledge	
Junior Research Fellow (JRF)		Essential Qualification (s):		
[Name of the Post(s)]		B.Tech/B.E in Civil Engineering with minimum CGPA of 6.5 or 60% and M.E/M.Tech in Water Resources Engineering with minimum CGPA of 7.0 or 65% from a recognized Technical Institute/University.		
01 (One)	01 Year(s), 08 Month(s)			
[No. of Post(s)]	(Tenure of Post)			
For the Tenure as Mentioned above		Desirable Qualification:		
INR 37,000.00 /- per month (+) HRA @ NA % (if applicable)		1. Strong background in hydraulic modeling, with demonstrated experience in nutrient and sediment transport modeling, preferably integrated with GIS tools (e.g., ArcGIS, QGIS). 2. Basic understanding of fluvial hydraulics, including river morphology, channel processes, and sediment dynamics. 3. Proficiency in hydraulic modeling software such as HEC-RAS (1D/2D)/MIKE series/FLOW-3D HYDRO, or similar tools is highly desirable. 4. Candidates with a valid GATE qualification will be given preference.		
- NA -				
INR 0.00 /- per month (+) HRA @ NA % (if applicable)				
Job Description:				

Work on Bank Erosion Modeling, and Modeling of Surface and Ground Water Nutrient Load and contribute to The Mahanadi River Basin Management Studies. The primary job of the JRF is to work for the project (CAMP) under the Centre for Mahanadi River Basin Management Studies under the direction of Coordinator and PIs.

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: 19-Aug-2025**

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 32 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.

-NA-

Sd/-

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

Copy to:

- PI & CO- PI: Prof. Minakshee Mahananda, CE & Prof. K.K.Khatua; Prof. A.Sharma Co-PI 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.