



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 / 2026 / Advt.- 26MN035 / L / 056

dt.13-Jul-2026 Ref: FTS 260702-1620

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:	Development of a Hybrid Constructed Wetland System for Treatment of Acidic Drainage in Coal Mine Sumps using Waste-Derived Materials along with Recovery of Valuable Resources		
2.	Project Code, Dept. with Closing Date:	SR/26/MN/035	23-May-2029	Mining Engineering
3.	Funding Agency Details:	Others (Specify)		ANRF-ARG
4.	PI details:	Prof. Himanshu Bhushan Sahu hbsahu@nitrrl.ac.in, 0661-246 2606 9437245625 - @gmail.com		
5.	Co-PI details:	Prof. Surajit Das surajit@nitrrl.ac.in, 0661-246 2684 9556425605 - surajit.cas@gmail.com		
6.	Details of the Post(s):		7. Educational Qualification & Working Knowledge	
Junior Research Fellow (JRF)		Essential Qualification (s):		
[Name of the Post(s)]		B.E./B.Tech with a valid GATE score or M.E./M.Tech in Environmental Science/Environmental Engineering/Civil Engineering/Mining Engineering/Chemical Engineering/Biotechnology or any other related branch; OR M.Sc. in Environmental Science/Life Science/Chemistry/Microbiology/Biotechnology/Molecular Biology or any other related discipline with a valid NET certificate from CSIR/UGC/ICMR/DBT/ICAR (LS/JRF). Candidates must have a minimum of 60% marks or 6.5 CGPA on a 10-point scale. Final-year students/result-awarded candidates may also apply.		
01 (One)	03 Year(s), 00 Month(s)			
[No. of Post(s)]	(Tenure of Post)			
Year 1 & 2		Experience / Software / Skillset & Desirable Qualification:		
INR 37,000.00 /- per month (+) HRA @ NA % (if applicable)		Candidates with a valid GATE/NET score, knowledge of statistics and GIS software, and experience in independently handling high-end water quality monitoring equipment will be preferred. Prior experience in water/wastewater treatment, constructed wetland systems, adsorption-based treatment, field sampling, laboratory analysis, and recovery of valuable resources from contaminated water is desirable.		
Year 3				
INR 42,000.00 /- per month (+) HRA @ NA % (if applicable)				
Job Description:				

The JRF will be responsible for field monitoring, sample collection, laboratory experimentation and analysis, data curation and interpretation, preparation of technical reports, manuscripts, and maintenance of project-related documents. The candidate will also be involved in presenting research findings in meetings/conferences and supporting the overall activities of the Water Quality Analysis Laboratory. The selected candidate may be enrolled for the Ph.D. programme of the Institute, subject to fulfilment of the Institute's eligibility criteria and guidelines.

Notified Later Interview details: - Department of Mining 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: **31-Jul-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 **28** 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. Himanshu Bhushan Sahu, MN & Prof. Surajit Das LS ➤ Chairman, DRC, Dept. of MN
- 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.