NITR / SR / 2024 / Advt.- 24MN028   / L / 108   dt. 19/02/2025 Ref: FTS 6602   **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:	Design of geotechnical structures for extraction of coal seam at higher depth using continuous miner	
2.	Project Code with Duration *(Closing Date)*:	SR/24/MN/028	30/06/2027
3.	Funding Agency Details:	R&D Board of Coal India Ltd.	-
4.	Department / Centre:	Dept. of Mining Engineering	

5.	Name of the PI with details:	Prof. Sahendra Ram			Prof. Manoj Kumar Mishra		
		rams @nitrkl.ac.in		sahendra @ gmail.com	mkmishra @nitrkl.ac.in		- @ gmail.com
		0661-246 2614	9470313115	6207066199	0661-246 2602	-	-

6. Details of the Post(s):	7. Educational Qualification & Working Knowledge

Junior Research Fellow (JRF) *[Name of the Post(s)]*	**Essential Qualification (s):** B.Tech. Degree in Mining/Mechanical/Electronics & communication/Mechatronics/civil and/or B.Sc./M.Sc. degree Geology with valid NET/GATE Score OR B.Tech and M.Tech. Degree in Mining/Mechanical/Electronics & communication/Mechatronics/civil Engineering with valid NET/GATE Score	**Desirable Qualification:** Experience of underground coal mining, Geological mapping, Instrumentation and strata monitoring, Numerical modelling, Knowledge in C++/python and Research experience (if any). Minimum qualification for B.Tech: 7 CGPA or 65% and valid Gate score. Minimum qualification for B.Tech. and M.Tech.: 6.5 CGPA or 60% and 1st class in both.
02 (Two) *[No. of Post(s)]* **03** Year(s), **00** Month(s) *(Tenure of Post)*		

Year 1 & 2	**Experience / Software / Skillset:**
INR **31,000.00** /- per month (+) HRA @ **NA** % (if applicable)	-NA-

Year 3	**Job Description:**
INR **35,000.00** /- per month (+) HRA @ **NA** % (if applicable)	To carry out the research work (instrumentation and monitoring) in field during experimental trial of new mining method in different underground coal mines of Singareni Collieries Company Limited (SCCL) and South Eastern Coalfields Limited (SECL) using continuous miner-based mass production technology. Also, numerical modelling using FLAC3D software for development of novel mining method at higher depth of cover including the design of underground geotechnical structures with varying parameters are to be done. Scope to enroll as a Ph.D. Scholar in Department of Mining Engineering (has to satisfy Institute / Department Eligibility Criteria)

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: 05/03/2025

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 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.

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

Copy to:
- PI   : **Prof.** Sahendra Ram   , Dept. of **MN**
- Co-PI : **Prof.** Manoj Kumar Mishra   , Dept. of **MN**
- 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) ➡ *To publish advertisement at NITR website.*
- Advertisement File