



# 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.- 25EC042 / L / 108

dt. 09-Jan-2026 Ref: FTS 260106-0960 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 and development of low-cost indigenous imaging RADAR system for automatic slope monitoring and failure.		
2.	Project Code, Dept. with Closing Date:	SR-25-EC-042	14-Apr-2028	Electronics and Communication Engg.
3.	Funding Agency Details:	Ministry of Coal (MoC), Govt. of India. -		
4.	PI details:	Prof. Lakshi Prosad Roy 9438676987	roy1@nitrkl.ac.in, 0661-246 2455 1proy15@gmail.com	
5.	Co-PI details:	Prof. Amit Kumar Gorai -	goraia@nitrkl.ac.in, 0661-246 2615 amit_gorai@yahoo.co.uk	- @ -NA-
6.	Details of the Post(s):  Junior Research Fellow (JRF) [Name of the Post(s)]	7. Educational Qualification & Working Knowledge  <u>Essential Qualification (s):</u>  M.E./M. Tech. in Electronics/Communication/Electrical/Computer Science/Instrumentation/Mining or similar with specialization in signal processing/image processing/communication/microwave/Radar or similar with above 60% marks. OR B.E./B. Tech. in Electronics/Electrical/Instrumentation or any other similar branch with/above 60% marks and qualified GATE score.		
	01 (One) [No. of Post(s)]	02 Year(s), 06 Month(s) (Tenure of Post)	Experience / Software / Skillset & Desirable Qualification:  Previous experience on Signal/Image Processing, Radar data handling/Electronics system handling in mine application may be preferred, but not mandatory.	
	Year 1 & 2	INR 37,000.00 /- per month (+ HRA @ NA % (if applicable)		
	Year 3	INR 42,000.00 /- per month (+ HRA @ NA % (if applicable)		
<u>Job Description:</u>  1. Signal and image processing and apply machine/deep learning techniques. 2. System design for Indian mines to improve safety of mine workers. 3. Deployment of RADAR in Indian mine and measured data processing.				

Scope to enroll in Ph.D./M.Tech.(R) in Department of Electronics and Communication Engineering (has to satisfy Institute / Department Eligibility Criteria.

Notified Later Interview details: - - Department of Electronics and Communication Engg.

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: 21-Jan-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 **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. Lakshi Prosad Roy, EC & Prof. Amit Kumar Gorai MN ➤ Chairman, DRC, Dept. of EC
- 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.