



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.- 26EE012 / L / 017

dt. 06-May-2026 Ref: FTS 260429-4835

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:	Cyber-Resilient AI-based Fault identification Techniques in power networks with INverter-based resources (CRAFT-IND)		
2.	Project Code, Dept. with Closing Date:	SR/26/EE/012	18-Mar-2029	Electrical Engineering
3.	Funding Agency Details:	Others		ANRF
4.	PI details:	Prof. Arindam Mitra		mitraa@nitrrkl.ac.in, 0661-246
		8109559540	-	arindam.mitra92@gmail.com
5.	Details of the Post(s):	6. Educational Qualification & Working Knowledge		
	Junior Research Fellow (JRF)	Essential Qualification (s):		
	[Name of the Post(s)]	B.Tech/B.E in Electrical Engineering (with GATE Qualified) "OR" Electrical & Electronics Engineering (with GATE Qualified) with CGPA of 7.0 or 65% marks from a recognized Technical Institute/University		
	01 (One)	02 Year(s), 10 Month(s)	OR	
	[No. of Post(s)]	(Tenure of Post)	B.Tech/B.E in Electrical Engineering/Electrical & Electronics Engineering with M.Tech/M.E in Electrical Engineering or a closely related discipline with at least 6.5 CGPA or 60% marks 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. Strong knowledge of machine learning, deep learning, and anomaly detection techniques		
	Year 3	2. Understanding of cybersecurity in cyber-physical power systems, including FDI and replay attacks		
	INR 42,000.00 /- per month (+) HRA @ NA % (if applicable)	3. Experience in power system simulation tools (PSCAD/MATLAB) and real-time/HIL testing platforms		
	Job Description:	4. Strong scientific writing and documentation skills.		

Key responsibilities include developing cyber-resilient anomaly detection techniques for AI-based fault protection systems in modern power networks.

Notified Later Interview details: - Department of Electrical 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: **25-May-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.

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

Copy to:

- PI: Prof. Arindam Mitra, EE ➤ Chairman, DRC, Dept. of EE ➤ Advertisement File
- 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.