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.- 25EC004 / L / 009   dt. 26/04/2025 Ref: FTS 250415-3047   **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:	Joint Networking, Sensing, and Compute on Demand over 6G: A Use-case for Ubiquitous Landslide Detection and Prevention (LandSense)	
2.	Project Code with Duration *(Closing Date)*:	**SR/25/EC/004**	**15/12/2027**
3.	Funding Agency Details:	TTDF, Department of Telecommunications	-
4.	Department / Centre:	Dept. of **Electronics and Communication Engg.**	

5.	Name of the PI with details:	Prof. **Basabdatta Palit**	
		palitb @nitrkl.ac.in	basabdatta.iitkgp @ gmail.com
		0661-246 - 8902441803	-

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

Junior Research Fellow (JRF) *[Name of the Post(s)]*	**Essential Qualification (s):** (i) B.E/BTech/B.ScEngg/M.Sc./MCA in Electronics and Communication Engineering, with a CGPA of 7.0 or 65% marks along with a valid GATE score, (ii) M.E/M.Tech in Signal Processing or Communication with at least 6.5 CGPA or 60% marks or equivalent from a recognized Technical Institute or University, (iii) M.Sc. in Physics with a CGPA of 7.0 or 65%. For candidates with valid GATE/NET or equivalent score, requirement may be relaxed by a maximum of 0.5 CGPA or 0.5% marks. (vi) The candidate should have mathematics in +2 Science or Diploma.	**Desirable Qualification:** (i) Basic background and knowledge of Probability and Random Processes, Linear Algebra, Signal Processing and Communication. (ii) Hands-on experience. (iii) Knowledge of C, C++, Python.
01 (One) *[No. of Post(s)]* **02** Year(s), **09** Month(s) *(Tenure of Post)*		
Year 1 & 2 INR **37,000.00** /- per month (+) HRA @ **NA** % (if applicable)	**Experience / Software / Skillset:** **-NA-**	
Year 3 INR **42,000.00** /- per month (+) HRA @ **NA** % (if applicable)	**Job Description:** The JRF will be required to carry out literature survey, problem definition, algorithm development, prototype design and management for developing an integrated sensing and communication framework for landslide detection and management.	

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: 15/05/2025

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. **Basabdatta Palit**   , Dept. of **EC**
➤ 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.*