



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.- 26ER026 / L / 034

dt.02-Jun-2026 Ref: FTS 260601-8001 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:	Understanding rapid intensity changes and microphysical processes of tropical cyclones: Application of Satellite products and ML model for near real-time prediction.	
2.	Project Code, Dept. with Closing Date:	SR/26/ER/26	31-May-2029
3.	Funding Agency Details:	ISRO	RESPOND scheme
4.	PI details:	Prof. Krishna Kishore Osuri	osurik@nitrrkl.ac.in, 0661-246 2938 osurikishore@gmail.com
5.	Co-PI details:	Prof. Nagaraju Chilukoti	chilukotin@nitrrkl.ac.in, 0661-246 chilukotinagaraju@gmail.com
6.	7. Educational Qualification & Working Knowledge		
Junior Research Fellow (JRF) <i>[Name of the Post(s)]</i>		Essential Qualification (s):	
01 (One) <i>[No. of Post(s)]</i>	03 Year(s), 00 Month(s) <i>(Tenure of Post)</i>	M.Sc. or M.Tech from a recognized university in Meteorology or Atmospheric Science or Oceanography with at least 60% marks. Candidate may clear any National Eligibility Tests (CSIR-UGC NET, GATE) or any other exam conducted by Central Govt Department and their Agencies. Working experience with satellite products and AI/ML models. Demonstrated skills in the analysis of tropical cyclones or other extreme weather events. Strong background in Unix or Linux environment with python and shell scripting.	
Year 1 & 2		Experience / Software / Skillset & Desirable Qualification:	
INR 37,000.00 /- per month (+) HRA @ NA % (if applicable)		Satellite data application in analyzing extreme weather events.	
Year 3			
INR 42,000.00 /- per month (+) HRA @ NA % (if applicable)			
Job Description:			
Analysis related to Microphysical processes related to tropical cyclones with specific focus on Rapid intensification using high resolution mesoscale model and AI/ML models. Research and development work on RI of TCs and application of AI/ML for real time application.			
Online	Interview details:	24-Jun-2026	10:00 AM
Department of Earth and Atmospheric Sciences			
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: 20-Jun-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 & CO- PI: Prof. Krishna Kishore Osuri, ER & Prof. Nagaraju Chilukoti ER ➤ Chairman, DRC, Dept. of ER
 - 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.*