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.- 26ER027 / L / 088 dt. 13-Nov-2026 **Ref: FTS** 261105-5181 **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:	Unveiling contributions of thermal tides, planetary waves, and cloud characteristics in governing the Venusian atmospheric super-rotation through satellite observations and numerical modelling			
2.	Project Code, Dept. with Closing Date:	SR/26/ER/027	10-Nov-2029	Earth and Atmospheric Sciences	
3.	Funding Agency Details:	ISRO		-	
4.	PI details:	Prof. Jagabandhu Panda		pandaj @nitrkl.ac.in, 0661-246 2933	
		7853851960	7381042910	@ gmail.com	
5.	Co-PI details:	Prof. Varun sheel		@nitrkl.ac.in, 0661-246	
			-	@ gmail.com	

6. Details of the Post(s):

Junior Research Fellow (JRF)
[Name of the Post(s)]

01 (One) *[No. of Post(s)]*

03 Year(s), 00 Month(s) *(Tenure of Post)*

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)

7. Educational Qualification & Working Knowledge

Essential Qualification (s):

MSc/ MSc (Tech)/ MTech in Physics/Applied Physics/ Engineering Physics/ Space Science and Technology/ Astrophysics/ Radio Sciences/ Mathematics/ Applied Mathematics/ Mathematics and Computing/ Geoinformatics/ Atmospheric Sciences/ Equivalent degrees.
Throughout first class/ division starting from class 10. National level exams (e.g., GATE, NET, JAM) qualified.

Experience / Software / Skillset & Desirable Qualification:

1.Must be acquainted with computing environments (WINDOWS/ LINUX/ UNIX), programming skills in Python/ MATLAB/ C/ C++, and knowledge in using Microsoft Office.
2. Knowledge in Remote Sensing and GIS/ Large data handling/ Numerical modeling.

Job Description:

Analyzing thermal tides, cloud characteristics, planetary waves, etc., and their contributions to Venusian super-rotation using satellite observations, a numerical model, and other relevant methodologies. The research works done in this project will contribute to upcoming Venus mission of ISRO.

Walk-in (offline) Interview details: 10-Dec-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: **28-Nov-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.

-NA-

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

Copy to:

- PI & CO- PI: Prof. Jagabandhu Panda , ER & Prof. Varun sheel
- 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.*