



**NATIONAL INSTITUTE OF TECHNOLOGY ROURKELA**  
**SPONSORED RESEARCH, INDUSTRIAL CONSULTANCY & CONTINUING EDUCATION**

**NITR/SR/2022/Advt-22ER066/L/071, dt.07.02.2023.**

Applications are invited on prescribed format (On-line) for the temporary post of "Junior Research Fellow (JRF)" for the Project entitled "Assimilation of Oceansat-3 observations in NWP model to assess its impact on the forecast of extreme weather events". Selected candidate may enroll in Ph.D. Programme in the **Department of Earth and Atmospheric Sciences, National Institute of Technology Rourkela** based on Institute norms and regulations.

1.	Project Code	SR/22/ER/066
2.	Name of the Temporary Post	Junior Research Fellow - 01
3.	Name of the Research Project	"Assimilation of Oceansat-3 observations in NWP model to assess its impact on the forecast of extreme weather events".
4.	Name of the Sponsoring Agency	Space Applications Centre, ISRO, Ahmedabad
5.	Tenure of the Project	3 years (January 2023 to January 2026)
6.	Tenure of the Assignment	Initial for a period of one year (Extendable to three years upon satisfactory performance)
7.	Job Description	Candidate will work on assimilation and analysis of Oceansat-3 satellite data and impact studies.  Scope to enroll as a Ph. D. Scholar in Department of Earth and Atmospheric sciences (has to satisfy Institute / Department Eligibility Criteria)
8.	Consolidated monthly compensation / Fellowship	Rs. 31000/- per month 1 <sup>st</sup> and 2 <sup>nd</sup> year and Rs. 35000/- per month in 3 <sup>rd</sup> year.
9.	Essential Qualifications and experience	First division throughout career in M.Sc. or M.Tech. (Atmospheric Science /Meteorology / Climate Science / Oceanography or Equivalent). Candidates with NET or GATE are preferable (Not essential).
10.	Desirable Qualifications / Exp.	Working experience in (i) Atmospheric mesoscale models, (ii) data handling (iii) Unix or Linux environment (ii) software like Python/MatLab/NCL/ etc.
11.	Accommodation	Bachelor / Married accommodation in the Institute may be provided subject to availability.

For technical information on the project, the candidate may contact the Principal Investigator at the following address:

Name : Dr. Krishna Kishore Osuri  
Address : Department of Earth and Atmospheric Sciences  
National Institute of Technology Rourkela, Odisha 769 008.  
Tel. No. : 0661-246 2938  
Mobile : 7853084987  
E-mail : [osurik@nitrkl.ac.in](mailto:osurik@nitrkl.ac.in)

Date and Time for **On-line / Walk-in** Interview: **28 February, 2023 and Time 10:00 A.M.**

Place of Interview: **Department of Earth and Atmospheric Sciences, NIT Rourkela**

Eligible candidates may apply within **19 February 2023, 2359 HRS**. The candidates are required to send the complete filled up application form (Soft copy) to [osurik@nitrkl.ac.in](mailto:osurik@nitrkl.ac.in). The application form is available in the following link: [http://nitrkl.ac.in/oldwebsite/ Jobs\\_Tenders/5ProjectFellowships/Doc/JRF%20LS-PND-64\(2\).pdf](http://nitrkl.ac.in/oldwebsite/Jobs_Tenders/5ProjectFellowships/Doc/JRF%20LS-PND-64(2).pdf) which must be filled by candidates and also required to attach photocopies of all supporting documents, research papers (if any) etc.

Candidates will build a **Single PDF** file; it is to be sent to Principal Investigator ([osurik@nitrkl.ac.in](mailto:osurik@nitrkl.ac.in)) **on or before 19 February 2023, 2359 HRS**. The candidates are also required to produce relevant documents mentioned in the application form [such as original of all mark sheets and certificates, research papers (if any), experience certificate (if any) etc.] at the time of interview / joining. Selection / Joining will be canceled in case of any suppression of information / document provided earlier.

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.

**Sd/-  
Asst. Registrar (SR)**

Copy to:

- 1) All Heads of the Departments, NIT Rourkela for publication on departmental notice boards.
- 2) Prof. Krishna Kishore Osuri, PI with a request to give wide publicity to this advertisement.
- 3) Head of the Department, Department of Earth and Atmospheric Sciences.
- 4) Project file.