



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

**NITR/SR/2021/Advt-21/PH/066/L/073, dt. 28.02.2022**

Applications are invited on prescribed format (On-line) for the temporary post of "Junior Research Fellow" for the Project entitled **"A comprehensive catalog and multiwavelength analysis of UVIT sources: statistical properties and science applications: UV bright stars, Galactic globular clusters and galaxies."** Selected candidate may enroll in Ph.D. Programme in the **Department of Physics and Astronomy, National Institute of Technology Rourkela** based on Institute norms and regulations.

1.	Project Code	SR/21/PH/066
2.	Name of the Temporary Post	Junior Research Fellow
3.	Name of the Research Project	A comprehensive catalog and multiwavelength analysis of UVIT sources: statistical properties and science applications: UV bright stars, Galactic globular clusters and galaxies
4.	Name of the Sponsoring Agency	Department of space, ISRO
5.	Tenure of the Project	3years
	Tenure of the Assignment	Initial for a period of one year (Extendable to three years upon satisfactory performance)
7.	Job Description	To work on UVIT data and Simulations. Selected candidate may be allowed to enrol in the PhD program as per institute rules. Scope to enroll as a Ph. D. Scholar in Department of Physics & Astronomy (has to satisfy Institute / Department Eligibility Criteria)
8.	Consolidated monthly compensation / Fellowship	Rs. 31,000/- per month (for the 1 <sup>st</sup> and 2 <sup>nd</sup> year) Rs. 35,000/- per month (from 3rd year onwards)
9.	Essential Qualifications and experience	M.Sc in Physics with at least 65% marks or 7/10 CGPA with a valid a GATE/CSIR-UGC NET (including lectureship)/JEST/JAM.
10.	Desirable Qualifications / Exp.	Valid NET / GATE Score
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 : Prof. Ananta C. Pradhan  
Address : Department of Physics and Astronomy  
National Institute of Technology Rourkela, Odisha 769 008.  
Tel. No. : 0661-246 2737  
Mobile : 7894252258  
E-mail : pradhana@nitrkl.ac.in

Date and Time for **On-line** Interview: Will be on 11/03/2022.

Place of Interview: **Department of Physics and Astronomy, NIT Rourkela**

Eligible candidates may apply within **08/03/2022, 2359 HRS**. The candidates are required to send the complete filled up application form (Soft copy) to XXXX@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 ([pradhana@nitrkl.ac.in](mailto:pradhana@nitrkl.ac.in)) **on or before 08/03/2022, 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. Ananta C. Pradhan, PI with a request to give wide publicity to this advertisement.
- 3) Head of the Department, Physics and Astronomy.
- 4) Project file.