



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

NITR/SR/2020/Advt-20PH022/L/026 dt. 11.01.2021

Applications are invited on prescribed format (On-line) for the temporary post of "Junior Research Fellow (JRF)" for the Project entitled "Role of Soft Interactions in Protein Association Reactions in Crowded Environment." 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/20/PH/022
2.	Name of the Temporary Post	Junior Research Fellow - 01
3.	Name of the Research Project	"Role of Soft Interactions in Protein Association Reactions in Crowded Environment"
4.	Name of the Sponsoring Agency	Science and Engineering Research Board (SERB)
5.	Tenure of the Project	03 years
6.	Tenure of the Assignment	03 years (based on the performance) OR completion of the project, whichever is earlier.
7.	Job Description	To carry out cutting edge research in computational biophysics using multi-disciplinary approaches. The student will also pursue Ph. D at NIT Rourkela on a topic related to the project work.
8.	Consolidated monthly compensation / Fellowship	INR 31,000/-per month (1 st & 2 nd Years) + HRA as per GOI norms INR 35,000/-per month (3 rd Year) + HRA as per GOI norms
9.	Essential Qualifications and experience	NET / GATE qualified with M. Sc. in Physics, Chemistry OR Chemical Engineering with 65% marks OR 7.0 CGPA.
10.	Desirable Qualifications / Exp.	First division throughout career. Experience in writing codes in C++, FORTRAN, Python etc.
11.	Accommodation	Bachelor accommodation in the Institute may be provided subject to availability. (campus stay is compulsory)

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

Name : Prof. Mithun Biswas
Address : Department of Physics and Astronomy
National Institute of Technology Rourkela, Odisha 769 008.
Tel. No. : 0661-246 2821
Mobile : 96554 07766
E-mail : biswasm@nitrkl.ac.in

Date and Time for **On-line / Walk-in** Interview: **Will be notified later by email.**

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

Eligible candidates may apply within **31.01.2021, 23:59 HRS**. The candidates are required to send the complete filled up application form (Soft copy) to biswasm@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 (biswasm@nitrkl.ac.in) **on or before 31.01.2021, 23:59 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. Mithun Biswas, PI with a request to give wide publicity to this advertisement.
- 3) Head of the Department, Physics and Astronomy (PH).
- 4) Project file.