



**NATIONAL INSTITUTE OF TECHNOLOGY, ROURKELA – 769 008 (ODISHA)
SPONSORED RESEARCH, INDUSTRIAL CONSULTANCY & CONTINUING EDUCATION**

Advt. No.: NITR/SR/17/CY/050/2020/L/WI/448

Date: 20.02.2020

Walk-in Interview will be conducted for the following assignment in a time bound research project undertaken in the Department of Chemistry (CY) of the Institute on **18th March 2020 at 11:00 AM**. Selected candidate may enrol in Ph.D. Programme in the Department of Chemistry, National Institute of Technology Rourkela based on institute norms and regulations.

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| 1. | Name of the Temporary Post: | Junior Research Fellow (JRF) – 01. |
| 2. | Name of the Research Project: | “In-silico Studies of Structural Diversity of Glycosaminoglycans and their Interactions with Protein” |
| 3. | Name of the Sponsoring Agency: | BRNS, Government of India |
| 4. | Tenure of the Project: | 3 years |
| 5. | Tenure of the Assignment: | Till completion of project. (Starting date: as soon as possible) |
| 6. | Job Description: | Computational research work (Molecular Docking and Molecular dynamics simulation to study Protein-Glycan interactions) related to the project. Candidate may register for Ph.D at NIT Rourkela |
| 7. | Consolidated monthly compensation / Fellowship: | Rs. 25,000 /- per month (without GATE or NET) Rs. 31,000 /- per month (with GATE or NET or having experience in the related area of research) |
| 8. | Essential Qualifications and experience: | M.Sc. in Chemistry / Physics or M. Pharm with 65 % marks or above. |
| 9. | Desirable Qualifications / Experiences : | <ul style="list-style-type: none">• Carrier 1st Class.• One 2nd class may be considered (for any of 10th/12th/ B.Sc) with valid NET-LS/GATE. |
| 10. | Accommodation: | Bachelor 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. Madhurima Jana
Address : Department of Chemistry, National Institute of Technology,
Rourkela, Odisha 769 008.
Telephone No : +91-661-246-2663 (Office)
Mobile : +91 95563 53217
E-mail : janam@nitrkl.ac.in / tinni.217@gmail.com

Date and Time for walk-in Interview: **18th March, 2020 at 11:00 AM.**

Place of Interview: **Department of Chemistry, NIT Rourkela.**

Eligible candidates may appear in a **walk-in interview on 18th March, 2020 at 11:00 AM in the Department of Chemistry, National Institute of Technology, Rourkela-769 008.** The candidates are required to submit the complete filled up application form available from the following link (hard copy) at the time of interview.

[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)

Candidates are also required to attach photocopies of all supporting documents with their application forms. The candidates are also required to bring all relevant documents mentioned in the application form (such as original mark sheets, certificates, research papers (if any) & experience certificate (if any) etc.

Mere possession of essential/desirable qualifications and experience does not guarantee selection for the post. Candidates will be selected on merit and need of the project.

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

Copy to:

- 1) All Heads of the Departments, NIT Rourkela for publication on Departmental Notice Boards.
- 2) Prof. Madhurima Jana, PI with a request to give wide publicity to advertisement.
- 3) Head of the Department, Chemistry.
- 4) Project file.