



# 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 / 2023 / Advt.- 23PH043 / L / 092**

**dt. 25/03/2024 Ref: FTS 3833AA 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:                      | Optimum Resolution to Model Protein Association Reactions in Crowded Environment  |                     |  |             |
| 2.  | Project Code with Duration (Closing Date): | SR/23/PH/043  | 17/01/2027          |  |             |
| 3.  | Funding Agency Details:                    | DBT   | -                   |  |             |
| 4.  | Department / Centre:                       | Dept. of Physics and Astronomy  |                     |  |             |
| 5.  | Name of the PI with details:               | Prof. Mithun Biswas   |                     | Prof. Santosh Kumar, Life Science  |             |
|   |  | biswasm@nitrkl.ac.in  | mbiswas51@gmail.com | kumarsantosh@nitrkl.ac.in  | -@gmail.com |
|   |  | 0661-246 2821   | -                   | 0661-246 2787  | -           |
| 6.  | Details of the Post(s):                    | 7. Educational Qualification & Working Knowledge  |                     |  |             |
| Junior Research Fellow (JRF)                              |  | <b>Essential Qualification (s):</b>   |                     | <b>Desirable Qualification:</b>  |             |
| [Name of the Post(s)]                                     |  | NET/GATE qualified with M.Sc. in Physics, Chemistry or Chemical Engineering with 65% marks or 7.0 CGPA.   |                     | First division throughout career is preferred. Experience in working in computational projects and familiarity with programming languages such as c++/FORTRAN/Python is desirable. |             |
| 01 (One)  | 03 Year(s), 00 Month(s)                    | <b>Experience / Software / Skillset:</b><br>Exceptionally good candidates appearing for final semester M.Sc. examination in the above-mentioned disciplines may also apply. However, such candidates have to produce NET/GATE qualification certificates within one year for admission into Ph.D program. |                     |  |             |
| [No. of Post(s)]  | (Tenure of Post)                           |   |                     |  |             |
| Year 1 & 2  |  |   |                     |  |             |
| INR 31,000.00 /- per month (+) HRA @ NA % (if applicable) |  | <b>Job Description:</b><br>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.  |                     |  |             |
| Year 3  |  |   |                     |  |             |
| INR 35,000.00 /- per month (+) HRA @ NA % (if applicable) |  |   |                     |  |             |

|                       |                    |   |   |   |                                     |
|-----------------------|--------------------|---|---|---|-------------------------------------|
| <b>Notified Later</b> | Interview details: | - | - | - | Department of Physics and Astronomy |
|-----------------------|--------------------|---|---|---|-------------------------------------|

**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: 01/05/2024**

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.

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

- Copy to:**
- PI : Prof. Mithun Biswas, Dept. of PH
  - Co-PI : Prof. Santosh Kumar, Life Science, Dept. of LS
  - Chairman, DRC, Dept. of PH
  - 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) → To publish advertisement at NITR website.
  - Advertisement File