



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

NITR/SR/2021/Advt.-21CY032/L/048

dt- 24.12.21

Applications are invited on prescribed format (On-line) for the temporary post of "Junior Research Fellow (JRF) for the Project entitled **“Devising Light-Powered Far-from-equilibrium Supramolecular Polymers”**. Selected candidate may enroll in Ph.D. Programme in the **Department of Chemistry, National Institute of Technology Rourkela** based on Institute norms and regulations.

1.	Project Code	<b>SR/21/CY/032</b>
2.	Name of the Temporary Post	Junior Research Fellow - 01
3.	Name of the Research Project	“Devising Light-Powered Far-from-equilibrium Supramolecular Polymers”
4.	Name of the Sponsoring Agency	SERB, DST, New Delhi
5.	Tenure of the Project	3 years
6.	Tenure of the Assignment	3 years (candidate enrolled for PhD may receive fellowship for another 18 months upon satisfying institute regulations)
7.	Job Description	Designed photo-responsive molecules with non-covalent functionality will be synthesized using organic chemistry methodologies and then the molecules will be investigated to devise far-of-equilibrium supramolecular polymers following the advanced supramolecular chemistry protocols.
8.	Consolidated monthly compensation / Fellowship	INR 31,000 (for the first and second years) INR 35,000 (for third year)
9.	Essential Qualifications and experience	M.Sc. in Chemistry with aggregate marks of 65% or 7.00 CGPA
10.	Desirable Qualifications / Exp.	Valid NET / GATE Score and Throughout First Class in academic career. A reference/recommendation letter from any of your teachers may be sent to Dr. Bimalendu Adhikari via email: <a href="mailto:adhikarib@nitrkl.ac.in">adhikarib@nitrkl.ac.in</a>

11.	Accommodation	Bachelor / Married accommodation in the Institute may be provided subject to availability.
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For technical information on the project, the candidate may contact the Principal Investigator at the following address:

Name : Prof. Bimalendu Adhikari (PI)

Address : Department of Chemistry

Tel. No. : National Institute of Technology Rourkela, Odisha 769 008.

Mobile : 9933898711

E-mail : [adhikarib@nitrkl.ac.in](mailto:adhikarib@nitrkl.ac.in)

Date and Time for **On-line** Interview: **19.01.2022, 11 am**

Place of Interview: **Online**

Eligible candidates may apply within **15.01.2022**. The candidates are required to send the complete filled up application form (Soft copy) to [adhikarib@nitrkl.ac.in](mailto:adhikarib@nitrkl.ac.in) with a CC to [bimalendu.iicb@gmail.com](mailto:bimalendu.iicb@gmail.com). 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 are requested to make a **Single PDF** file and apply **on or before 15.01.2022, 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. B. Adhikari, PI with a request to give wide publicity to this advertisement.
- 3) Head of the Department, CY
- 4) Project file.