



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

NITR/SR/2021/Advt-21LS007/L/006, dt. 10.06.2021

Applications are invited on prescribed format (On-line) for the temporary post of "Junior Research Fellow (JRF)" for the Project entitled "*Optimizing ZnONP-insulin interaction interface in order to optimize insulin formulation*". Selected candidate may enroll in *Ph.D.* Programme in the **Department of Life Science, National Institute of Technology Rourkela** based on Institute norms and regulations.

1.	Project Code	SR/21/LS/007
2.	Name of the Temporary Post	Junior Research Fellow - 01
3.	Name of the Research Project	<i>Optimizing ZnONP-insulin interaction interface in order to optimize insulin formulation</i>
4.	Name of the Sponsoring Agency	Indian council of Medical Research (ICMR)
5.	Tenure of the Project	Initial for a period of one year (Extendable to three years upon satisfactory progress)
6.	Tenure of the Assignment	Initial for a period of one year (Extendable to three years upon satisfactory performance)
7.	Job Description	To carry out the research work (Experimental & Computational) to study the interaction between NP and protein towards better insulin nanoformulation. Scope to enroll as a Ph. D. Scholar in Department of Life Science (has to satisfy Institute / Department Eligibility Criteria).
8.	Consolidated monthly compensation / Fellowship	INR 31,000.00 (1st & 2nd year) and INR 35,000.00 (3rd year)
9.	Essential Qualifications and experience	M. Sc. in Biological Science or allied science with 65% marks or 7.0 CGPA, along with Institute norms (with valid GATE and NET Score + throughout first division from 10 th std. onwards).
10.	Desirable Qualifications / Exp.	With experience in wet lab. and bioinformatics.
11.	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 : Dr. Suman Jha
Address : Department of Life Science
National Institute of Technology Rourkela, Odisha 769 008.
Tel. No. : 0661-246 2687
Mobile : 7381108201
E-mail : jhas@nitrkl.ac.in

Date and Time for **On-line / Walk-in** Interview: **30.07.2021.**

Place of Interview: **Department of Life Science, NIT Rourkela**

Eligible candidates may apply within 21.07.2021, 2359 HRS. The candidates are required to send the complete filled up application form (Soft copy) to jhas@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 (jhas@nitrkl.ac.in) **on or before** 21.07.2021, 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) Dr. Suman Jha, PI with a request to give wide publicity to this advertisement.
- 3) Head of the Department, Life Science Department (LS).
- 4) Project file.