



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

NITR/SR/2021/Advt-20LS039/L/047, dt. 18.03.2021

Applications are invited on prescribed format (On-line) for the temporary post of "Junior Research Fellow (JRF)" for the Project entitled "Enhancing broad spectrum disease resistance against rice blast by engineering orthologous resistance genes of Arabidopsis in rice" 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/20/LS/039
2.	Name of the Temporary Post	Junior Research Fellow - 01
3.	Name of the Research Project	"Enhancing broad spectrum disease resistance against rice blast by engineering orthologous resistance genes of Arabidopsis in rice".
4.	Name of the Sponsoring Agency	Science & Engineering Research Board (SERB)
5.	Tenure of the Project	3 years(from March 2021 to March 2024).
6.	Tenure of the Assignment	03 years (based on the satisfactory performance time to time).
7.	Job Description	To carry out the research work (Experimental), in the laboratory. The work is focused on engineering Arabidopsis and rice followed by disease scoring and characterization against rice blast. 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 (1st & 2nd year) and INR 35,000 (3rd year) [for NET / GATE]
9.	Essential Qualifications and experience	M. Sc. in Botany/Life Science /Biochemistry /Biotechnology or equivalent with 65% marks or 7.0 CGPA, along with Institute norms.
10.	Desirable Qualifications / Exp.	Valid NET / GATE Score, knowledge in cloning and plant tissue culture
11.	Accommodation	Bachelor / Married 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. Binod Bihari Sahu
Address : Department of Life Science
National Institute of Technology Rourkela, Odisha 769 008.
Tel. No. : 0661-246 2782
Mobile : 9777458089
E-mail : sahub@nitrkl.ac.in

Date and Time for **On-line / Walk-in** Interview: **12 April 2021 at 10:00 HRS**

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

Eligible candidates may apply within 5 April 2021, 2359 HRS. The candidates are required to send the complete filled up application form (Soft copy) to sahub@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 (sahub@nitrkl.ac.in) **on or before 5 April 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) Prof. Binod Bihari Sahu, PI with a request to give wide publicity to this advertisement.
- 3) Head of the Department, Life Science.
- 4) Project file.