



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

NITR/SR/2022/Advt-22LS035/L/045, dt. 26.09.2022

Applications are invited on prescribed format (On-line) for the temporary post of "**Junior Research Fellow (JRF)**" for the Project entitled "Involvement of bacterial cytoskeleton in morphogenesis during biofilm development for xenobiotic degradation". Selected candidate may enroll in Ph.D. / M. Tech (R) Programme in the **Department of Life Science**, National Institute of Technology Rourkela based on Institute norms and regulations.

1.	Name of the Temporary Post	Junior Research Fellow- 01 (Project code: SR/22/LS/035)
2.	Name of the Research Project	"Involvement of bacterial cytoskeleton in morphogenesis during biofilm development for xenobiotic degradation"
3.	Name of the Sponsoring Agency	BRNS, DAE, GoI
4.	Tenure of the Project	3 Years
5.	Tenure of the Assignment	3 Years (based on the performance) OR completion of the project, whichever is earlier
6.	Job Description	To carry out research work & experiments related to the project on bacterial cell biology and biofilm. Candidates may enroll for Ph.D. at NIT Rourkela subject to fulfillment of all the eligibility criteria.
7.	Consolidated monthly compensation / Fellowship	Rs. 31,000/- P.M. for 1 st and 2 nd year, Rs. 35,000/- P.M for 3 rd year
8.	Essential Qualifications and experience	M.Sc./M.Tech in Life Science / Microbiology / Biochemistry / Genetics/ Zoology/ Biotechnology / Botany / Environmental Science/ Marine Biology/ Marine Science or related subjects with 60% marks or 6.50 CGPA in 10 point scale with GATE or NET (LS) of UGC / CSIR / ICMR / DBT / ICAR candidates.
9.	Desirable Qualifications/ Experiences	Research experience or knowledge in bacterial biofilm, bacterial cell biology and biodegradation will be preferred.
10.	Accommodation	Bachelor accommodation in the hostel will be provided and Campus accommodation may be provided to married students subject to availability.

For technical information on the project, the candidate may contact the Principal Investigator at the following address **with an updated Curriculum Vitae**:

Name : **Prof. Surajit Das**
Address : Associate Professor & HOD
Laboratory of Environmental Microbiology and Ecology (LEnME),
Department of Life Science,
National Institute of Technology, Rourkela, Odisha 769 008.
Telephone No.: 0661-246 2684
Mobile : 95564 25605
E-mail : surajit@nitrkl.ac.in, surajit.cas@gmail.com

Date and Time for **interview: 7th November, 2022 at 09:00 AM at Department of Life Science**

The candidates are required to send the complete filled up application form (soft copy) to surajit@nitrkl.ac.in with the subject: **JRF Position**

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 and it is to be sent to Principal Investigator (surajit@nitrkl.ac.in, surajit.cas@gmail.com) **on or before 20.10.2022**. 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. during interview.)

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 (SRICCE)**

Copy to :

1. All Heads of the Departments, NIT, Rourkela for publication on Departmental Notice Boards.
2. Prof. Surajit Das, Principal Investigator with a request to give wide publicity to advertisement.
3. Head of the Department, LS.
4. Project file.