



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

NITR/SR/2023/Advt-23BM007/L/014, dt.25.06.2023.

Applications are invited on prescribed format (On-line) for the temporary post of "Junior Research Fellow (JRF)" for the Project entitled **"Two stage treatment of household laundry wastewater for recycle and reuse."** Selected candidate may enroll in Ph.D Programme in the **Department of Biotechnology and Medical Engineering, National Institute of Technology Rourkela** based on Institute norms and regulations.

1.	Project Code	SR/23/BM/007
2.	Name of the Temporary Post	Junior Research Fellow - 01
3.	Name of the Research Project	"Two stage treatment of household laundry wastewater for recycle and reuse"
4.	Name of the Sponsoring Agency	HEFA (CSR)
5.	Tenure of the Project	03 Years (from 04/2023 to 03/2026)
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), on design and set up a two stage water treatment system consists of clariflocculator and constructed wetland integrated with microbial fuel cells. Scope to enroll as a Ph. D. Scholar in Department of Biotechnology and Medical Engineering (has to satisfy Institute / Department Eligibility Criteria)
8.	Consolidated monthly compensation / Fellowship	Rs. 31,000/- + 16%HRA (as per norms) for 1 st & 2 nd year and Rs. 35000/-+16 HRA for 3 rd year
9.	Essential Qualifications and experience	First class in M. Tech in Biotechnology/ Chemical/Biochemical/Bioprocess/Civil/ Environmental Engineering with GATE or NET Or First class in M.Sc. in Biotechnology/ Microbiology/ Environmental Science & GATE or NET or NET-JRF
10.	Desirable Qualifications / Exp.	Valid NET / GATE Score.
11.	Age	As per Institute Norms.
12.	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. Kasturi Dutta
Address : Department of Biotechnology and Medical Engineering
National Institute of Technology Rourkela, Odisha 769 008.
Tel. No. : 0661-246 2296
Mobile : 7008113963
E-mail : duttakasturi@nitrkl.ac.in; duttakasturi@gmail.com

Date and Time for **On-line / Walk-in** Interview: **Will be notified later.**

Place of Interview: **Department of Biotechnology and Medical Engineering, NIT Rourkela**

Eligible candidates may apply within **18/06/2023, 2359 HRS**. The candidates are required to send the complete filled up application form (Soft copy) to duttakasturi@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 (duttakasturi@nitrkl.ac.in) **on or before 18/06/2023, 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. Kasturi Dutta**, PI with a request to give wide publicity to this advertisement.
- 3) Head of the Department, Biotechnology and Medical Engineering(BM).
- 4) Project file.