



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

NITR/SR/2021/Advt-20BM033/L/046 dt. 05.03.2021

Applications are invited on prescribed format (On-line) for the temporary post of "Junior Research Fellow (JRF) for the Project entitled "Multi-step improvement of *Enterobacter* sp. EtK3 strain in order to obtain higher ethanol yield from cellulosic fruit waste: single step for waste to energy conversion" Selected candidate may enroll in Ph.D. / M. Tech (R) Programme in the **Department of Biotechnology & Medical Engineering, National Institute of Technology Rourkela** based on Institute norms and regulations.

1.	Project Code	SR/20/BM/033
2.	Name of the Temporary Post	Junior Research Fellow - 01
3.	Name of the Research Project	"Multi-step improvement of <i>Enterobacter</i> sp. EtK3 strain in order to obtain higher ethanol yield from cellulosic fruit waste: single step for waste to energy conversion".
4.	Name of the Sponsoring Agency	SERB
5.	Tenure of the Project	3 years(from 02.02.2021-02.02.2024)
6.	Tenure of the Assignment	3 years
7.	Job Description	The fellow has to conduct different bioprocess and molecular biology related works. Bacterial isolation, characterization and identification will be done in this project. Scope to enroll as a Ph. D. Scholar in Department of Biotechnology & Medical Engineering (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.Tech/M. Sc. in Biotechnology or any branch of life science/ Botany/ Zoology with 65% marks or 7.0 CGPA, as per Institute norms .Or B.Tech with valid GATE score with 85% marks
10.	Desirable Qualifications / Exp.	Experience on Molecular Biology, Bioprocess, Environmental Biotechnology and Microbiology is desirable. Valid GATE/NET is desirable.

For technical information on the project, the candidate may contact the Principal Investigator at the following address:

Name : **Prof. Angana Sarkar**
Address : Department of Biotechnology & Medical Engineering
National Institute of Technology Rourkela, Odisha 769 008.
Tel. No. : 0661-246 2295
Mobile : 09733504234
E-mail : sarkara@nitrkl.ac.in

Date and Time for On-line / Walk-in Interview: ~~Will be notified later~~ / 25.03.2021 at 10:00 HRS

Place of Interview: Department of Biotechnology & Medical Engineering, NIT Rourkela

Eligible candidates may apply within **19.03.2021, 23:59 HRS**. The candidates are required to send the complete filled up application form (Soft copy) to sarkara@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 (sarkara@nitrkl.ac.in) **on or before 19.03.2021, 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. Angana Sarkar**, PI with a request to give wide publicity to this advertisement.
- 3) Head of the Department, Biotechnology & Medical Engineering.
- 4) Project file.