



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

NITR/SR/2021/Advt.20FP038/L/048, Dated: 22.03.2021

Applications are invited on prescribed format (On-line) for the temporary post of "**Junior Research Fellow (JRF)**" for the Project entitled "**Development of a process for enhancing functional properties and reducing microbial activity of minor millet flour using cold plasma**". Selected candidate may enroll in **Ph.D.** Programme in the **Department of Food Process Engineering, National Institute of Technology Rourkela** based on Institute norms and regulations.

1.	Project Code	SR/20/FP/038
2.	Name of the Temporary Post	Junior Research Fellow-01
3.	Name of the Research Project	Development of a process for enhancing functional properties and reducing microbial activity of minor millet flour using cold plasma
4.	Name of the Sponsoring Agency	SERB, New Delhi
5.	Tenure of the Project	03 years (9 th Mar 2021 to 8 th Mar 2024)
6.	Tenure of the Assignment	03 years i.e. upto 8 th March 2024 / Till end of the project. Whichever is earlier
7.	Job Description	Research work (Experimental & Analytical) for the project with scope of PhD registration
8.	Consolidated monthly compensation / Fellowship	₹31000/- for 1 st & 2 nd year; and if progress satisfactory, ₹35000/- for 3 rd year
9.	Essential Qualifications and experience	I. M. Tech. in Agricultural Processing/ Food Process Engineering/ Post Harvest Technology / Food Technology or any other relevant specialisation. II. B. Tech. should be in Agricultural Engineering / Food Engineering / Food Technology. III. Minimum of 60% marks or 6.5 CGPA at 10th, 12th, B. Tech. and M. Tech. level IV. GATE Qualified
10.	Desirable Qualifications / Exp.	Knowledge on microbiological studies / millets processing and research paper writing
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. Rama Chandra Pradhan**
Address : Department of Food Process Engineering
National Institute of Technology (NIT), Rourkela, Odisha-769008
Telephone No : 0661-2462904 (Office), 8895427339 (Cell)
E-mail : pradhanrc@nitrkl.ac.in

Date and Time for Interview (online / offline mode): **15th April 2021 and Time 09:30 AM**
Place of Interview: **Department of Food Process Engineering, NIT Rourkela**

Eligible candidates may apply within **08.04.2021, 23:59 HRS**. The candidates are required to send the complete filled up application form (Soft copy) to pradhanrc@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 (pradhanrc@nitrkl.ac.in) **on or before 08.04.2021, 23:59 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 cancelled 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 (SRICCE)

Copy to:

- 1) All Heads of the Departments, NIT, Rourkela for publication on departmental notice boards.
- 2) **Prof. Rama Chandra Pradhan**, Principal Investigator with a request to give wide publicity to this advertisement.
- 3) Head of the Department, Food Process Engineering (FP)
- 4) Project file.