



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

**NITR/SR/2021/Advt-21FP078/L/076, dt.31.03.2022.**

Applications are invited on prescribed format (On-line) for the temporary post of "**Junior Research Fellow**" for the Project entitled "Application of Low Temperature Technology for Development of Millet Based Smart-Healthy Breakfast Products". 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	: <b>SR/21/FP/078</b>
2.	Name of the Temporary Post	: <b>Junior Research Fellow-01</b>
3.	Name of the Research Project	: Application of Low Temperature Technology for Development of Millet Based Smart-Healthy Breakfast Products
4.	Name of the Sponsoring Agency	: SERB, New Delhi
5.	Tenure of the Project	: 03 years
6.	Tenure of the Assignment	: 03 years i.e. upto 08 Mar., 2025 / Till end of the project
7.	Job Description	<ul style="list-style-type: none"><li>• Chemical and nutritive characterization of selected millets; Determination of the effect of hydration and germination on the nutritive values of the millets; To study the Fermentation and cooking of the germinated millets.; To develop the Freeze drying process for the cooked millet; Sensory evaluation of the developed Ready to eat healthy smart breakfast</li><li>• Any other activity as assign by PI</li></ul> Scope to enroll as a Ph. D. Scholar in the Department of Chemistry (has to satisfy Institute / Department Eligibility Criteria)
8.	Consolidated monthly compensation / Fellowship	: INR 31,000 (1st & 2nd year) and INR 35,000 (3rd year)
9.	Essential Qualifications and experience	<ul style="list-style-type: none"><li>i. M. Tech. in Food Science &amp; Technology / Agricultural Processing/ Food Process Engineering/ Post Harvest Technology / Food Technology or its equivalent degree</li><li>ii. B. Tech. should be in Agricultural Engineering / Food Engineering / Food Technology.</li><li>iii. Minimum of 60% marks or 6.5 CGPA at 10th, 12th, B. Tech. and M. Tech. level</li><li>iv. GATE / NET Qualified</li></ul>
10.	Desirable Qualifications / Exp.	: Project work on value added products / paper publication
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 : 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 **Online / walk-in Interview: 27<sup>th</sup> April 2022 and Time 10:00 AM**

Place of Interview: **Department of Food Process Engineering, NIT Rourkela**

Eligible candidates may apply within 25<sup>th</sup> April 2022, 23.59 Hrs. The candidates are required to send the complete filled up application form (Soft copy) to : [pradhanrc@nitrkl.ac.in](mailto:pradhanrc@nitrkl.ac.in) / [Pradhan.rama@gmail.com](mailto:Pradhan.rama@gmail.com). 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](mailto:pradhanrc@nitrkl.ac.in) / [Pradhan.rama@gmail.com](mailto:Pradhan.rama@gmail.com)) on or before 25<sup>th</sup> April 2022, 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 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 (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.