



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

NITR/SR/2021/Advt-21FP022/L/022 dt. 11.08.2021

Applications are invited on prescribed format (On-line) for the temporary post of "**Junior Research Fellow (JRF)**" for the Project entitled "**Cinnamon oil-based gelatin-chitosan composite films for active food packaging applications**" 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/21/FP/022
2.	Name of the Temporary Post	Junior Research Fellow - 01
3.	Name of the Research Project	Cinnamon oil-based gelatin-chitosan composite films for active food packaging applications
4.	Name of the Sponsoring Agency	DST
5.	Tenure of the Project	02 years (from 22.07.2021 to 21.07.2023)
6.	Tenure of the Assignment	Initial for a period of one year (Extendable up to 21.07.2023)
7.	Job Description	To carry out the research work (Experimental), in the field of food process engineering (bioactive food packaging). Scope to enroll as a Ph. D. Scholar in Department of Food Process Engineering (has to satisfy Institute / Department Eligibility Criteria).
8.	Consolidated monthly compensation / Fellowship	INR 31,000 per month.
9.	Essential Qualifications and experience	-B. Tech with MTech in Food Processing Engineering / Food Technology / Agricultural Process Engineering / Post Harvest Engineering / Food Engineering and Technology/Agricultural Engineering or any other relevant branch of Engineering/Technology. -ME/MTech in relevant discipline with at least 6.5 CGPA or 60% marks or 1st class in both BE/BTech or equivalent, and ME/MTech/ from a recognized Technical Institute or University. -GATE (XE/XL) qualified / ICAR-NET qualified.
10.	Desirable Qualifications / Exp.	-Expertise in working with analytical techniques including FTIR/XRD/DSC/Rheometer/Texture Analyzer/Goniometer/Colorimeter/FE-SEM/CLSM/HPLC.
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 : Prof. Preetam Sarkar
Address : Department of Food Process Engineering
National Institute of Technology Rourkela, Odisha 769 008.
Tel. No. : 0661-246 2906
Mobile : 706-403-1514
E-mail : sarkarpreetam@nitrkl.ac.in

Date and Time for **On-line** Interview: **25.08.2021 (10.00 am)**

Place of Interview: **Online (Google Meet/Skype)**

Eligible candidates may apply within **18.08.2021, 2359 HRS**. The candidates are required to send the complete filled up application form (Soft copy) to sarkarpreetam@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 (sarkarpreetam@nitrkl.ac.in) on or before **18.08.2021, 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. Preetam Sarkar, PI with a request to give wide publicity to this advertisement.
- 3) Head of the Department, Food Process Engineering (FP)
- 4) Project file.