



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

NITR/SR/2022/Advt-22CH063/L/067, dt. 23.01.2023

Applications are invited on prescribed format (online) for the following assignment in a purely time bound research project undertaken in the Department of Chemical Engineering of the Institute.

1.	Project Code	SR/22/CH/063
2.	Name of the Temporary Post	Junior Research Fellow (JRF) -01
3.	Name of the Research Project	Remediation of microplastics from water resources with surface modified nanozeolite Y derived from aluminosilicate industrial wastes
4.	Name of the Sponsoring Agency	SERB, DST (CRG)
5.	Tenure of the Project	03 years
6.	Tenure of the Assignment	03 years (based on the performance) OR completion of the project, whichever is earlier.
7.	Job Description	To carry out research work related to the project and to continue Ph.D. at NIT Rourkela on the topic of this project work.
8.	Consolidated monthly compensation / Fellowship	INR 31,000/- per month for 1st Two years and INR 35,000/- per month for 3rd year as per Govt. rules. Scope of conversion to funded PhD fellow after closure of project.
9.	Essential Qualifications and experience	A Master's degree (M.E./M.Tech.) in Engineering (Chemical/ Environmental/ Biotechnology/Polymer or allied branch of Engg) with minimum CGPA of 7.0/10.0 (or 65% aggregate) OR a Bachelor's degree (B.E./B.Tech.) in Engineering (Chemical/ Environmental/ Biotechnology/Polymer or allied branch of Engg) with a Minimum CGPA of 8.0/10.0 (or 75% aggregate) OR Master's degree (M.Sc.) in Science (Environmental/ Polymer / Material Science) with minimum CGPA of 7.0/10.0 (or 65% aggregate).
10.	Desirable Qualifications/ Experiences	Prior research experience or knowledge in any area of water-related research (water analysis, treatment or, polymer characterization is preferred but not mandatory. Hand-on experience on handling reactors, GC, HPLC etc. would be an added advantage.
11.	Accommodation	Bachelor/Married accommodation in the hostel inside the institute campus may be provided subject to availability (campus stay is compulsory).

For technical information on the project, the candidate may contact the Principal Investigator at the following address **with an updated Curriculum Vitae**:

Name : **Prof. Sujit Sen**
Address : Department of Chemical Engineering
National Institute of Technology, Rourkela-769 008, Odisha

Telephone No : 0661-2462254 (O), Mob: 9938246590/ 7735453175
E-mail : sensujit@nitrkl.ac.in, sensujit@gmail.com

Date and Time for **Online** Interview: **Will be notified later for shortlisted candidates.**

Place of Interview: Through online platform like Google Meet or MS Team, hosted by Department of Chemical Engineering, NIT Rourkela.

Interested candidates (preferably below 35 years of age) may apply in the prescribed format (available in the Institute Website) affixed with coloured photographs to be submitted through email only to sensujit@nitrkl.ac.in / sensujit@gmail.com along with self-attested photocopies of relevant certificates, grade/ mark sheets, publications etc., Please form a single PDF file with all documents and mention "**Application for JRF_SR/22/CH/063**" in the subject field of the email. The soft copy of the application must reach through email on or before **02.02.2023, 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 suppression of any information/document produced during application.

The application form is available at the following link:
[https://nitrkl.ac.in/oldwebsite/Jobs_Tenders/5ProjectFellowships/Doc/JRF%20LS-PND-64\(2\).pdf](https://nitrkl.ac.in/oldwebsite/Jobs_Tenders/5ProjectFellowships/Doc/JRF%20LS-PND-64(2).pdf)

Mere possession of minimum qualification does not guarantee invitation to the interview. Candidates will be short listed based on merit, prior experience and need of the project.

Sd/-
Jt./ Dy. /Asst. Registrar (SR)

Copy to : 1) All Heads of the Departments, NIT, Rourkela for publication on Departmental Notice Boards.
2) **Prof. Sujit Sen, Principal Investigator** with a request to give wide publicity to advertisement.
3) Head of the Department, CH
4) Project file.