



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

Advt. No.: NITR/SR/CH-055/2019/351

Date: 01.02.2019

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

1.	Name of the Temporary Post	Senior Research Fellow (SRF) No. of positions - 02
2.	Name of the Research Project	“Zeolite-based Low-cost Hybrid Membrane Photo-Bioreactor System for Treating and Recycling of High Strength Industrial Wastewater”
3.	Name of the Sponsoring Agency	SERB-DST (IMPRINT 2)
4.	Tenure of the Project	03 years
5.	Tenure of the Assignment	03 years (based on the performance) OR completion of the project, whichever is earlier.
6.	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.
7.	Consolidated monthly compensation / Fellowship	Rs. 28,000/- P.M.+ HRA as per rules for all three years for both SRF (likely to be enhanced to Rs. 35,000/- P.M. as per Govt. rules)
8.	Essential Qualifications and experience	A Master’s degree (M.E./M.Tech.) in Engineering (Chemical/ Environmental/ Biotechnology or allied branch of Engg) with minimum CGPA of 6.5/10.0 (or 60% aggregate) OR a Bachelor’s degree (B.E./B.Tech.) in Engineering (Chemical/ Environmental/ Biotechnology 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 (Nanotechnology/ Microbiology/ Material Science) with minimum CGPA of 6.5/10.0 (or 60% aggregate) Essential qualification/experience for SRF will be as per the DST norms.
9.	Desirable Qualifications/ Experiences	Prior research experience or knowledge in synthesis of photocatalyst, materials characterization, membrane separation etc. is preferred but not mandatory. Hand-on experience on handling reactors, HPLC etc. would be an added advantage.
10.	Accommodation	Bachelor accommodation in the hostel will be provided and Campus accommodation may be provided to married students 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,
Odisha 769 008,

Telephone No : 0661-246 2254 (O), Mob: 79803 04953
E-mail : sensujit@nitrkl.ac.in, sensujit@gmail.com

Eligible candidates may apply in the prescribed format (available in the Institute Website) affixed with coloured photographs to be submitted in duplicate along with photo copies of relevant certificates, grade/ mark sheets, publications etc., to **Asst. Registrar, SRICCE, National Institute of Technology, Rourkela-769 008** on or before **25.02.2019**. The cover should be super- scribed clearly the post applied for & Name of the Project with code.

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. Sujit Sen, Principal Investigator with a request to give wide publicity to advertisement.
3. Head of the Department, CH.
4. Project file.