

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
SAHARANPUR CAMPUS, SAHARANPUR
(Department of Polymer and Process Engineering)

Dated: Feb. 17, 2024

ADVERTISEMENT FOR PROJECT POSITION*

Applications are invited from Indian nationals only for project positions for a research project under the Principal investigator, **Prof. Sujay Chattopadhyay**, Dept. of Polymer and Process Eng., Indian Institute of Technology, Roorkee, Saharanpur Campus, Saharanpur-247001 (UP).

1. Project Title: “*Lime-free conversion of Green liquor (soda pulping) to NaOH without solid waste generation, reduced water consumption, minimize carbon footprint and particulate emissions approaching Zero Liquid Discharge (ZLD)*”

2. Sponsor of the project: **BEE, Ministry of Power, Gov. of India**

3. Project positions and number: **Junior Research Fellow (JRF, Two) + Project Asst. (PA, One)**

4. Qualifications and Experience: **JRF: M.Tech. (Chemical /Mechanical/Petroleum/ Polymer or allied Eng./Tech. disciplines) or M.Sc. (Chemistry) with valid GATE/ CSIR-UGC-NET score; Project Asst.: M.Sc. Chemistry/Biochemistry/Industrial Chem. or allied disciplines). Based on performance, candidate (s) may be permitted to register for a regular Ph.D. in IIT Roorkee.**

5. Emoluments: **JRF: Rs. 37,000/- pm + HRA (as applicable); PA: Rs.25,000/-pm+ HRA (as applicable); both posts are for one year, which may be extended for two more years based on project performance and approval from the funding agency.**

6. Duration: **12 Months (up to Nov. 20, 2024)**

7. Job description: **Industrial Process development/modification and optimization adopting various chemical/mechanical/electrical tools, Electrochemistry/Membrane synthesis, Report making, etc.**

1. Candidates, before appearing for the interview, should ensure that they are meeting the minimum eligibility criteria for the position they intend to apply.

2. Candidates desiring to appear for Interview should submit their application with the following documents to the office of PI through email/ post/manually:

- Application on plain paper with a detailed resume indicating discipline/degree/certificates in chronological order
- Experience includes research, industry, and others
- Self-attested copies of degree/certificate and experience certificates

3. Candidate should have original degree/experience certificate(s) at the time of interview for verification

4. Preference will be given to SC/ST candidates on equal qualifications, experience, expertise

5. Please note that interviews will be conducted (with proper intimation to the shortlisted candidates) in offline mode after the closing date of the application

The **last date/time for receipt of application** (through email/post/manual) to PI: **3:0 PM, Mar. 15, 2024**

Any query related to this advertisement be resolved through email/phone (office hour) at the below details
Tel: 0132-2714374; 09568189000 **Fax: 0132-2714310**

Name and signature of Principal Investigator



Email: sujay@pe.iitr.ac.in;

(Prof. Sujay Chattopadhyay)

*To be uploaded on the IIT Roorkee website