

**INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
DEPARTMENT OF CHEMICAL ENGINEERING
ROORKEE-247667, INDIA**

Dated: ~~May~~ 29, 2024

ADVERTISEMENT TO FILL UP PROJECT POSITIONS

Applications are invited from Indian nationals only for project position(s) as per the details given below for the research project under the Principal investigator (Name: **Dr. Vimal Chandra Srivastava**), Dept. of Chemical Engineering, Indian Institute of Technology, Roorkee.

1. **Title of project** Studies on development of low GWP Chemicals
2. **Sponsor of the project** Project Management Unit, Ozone Cell, Ministry of Environment Forest and Climate Change, Government of India, New Delhi
3. **Project position(s) and number(s)** Junior Research Fellow (JRF); 01 (One)
4. **Qualifications** M.E./M. Tech. (Chemical Engg. OR Chemical Technol. OR Mechanical Engg.) with GATE OR M.Sc./M.Tech. (Chemistry) with NET/GATE
5. **Emoluments** Rs. 31,000/- (+ HRA as per Institute norm) per month
6. **Duration** 3 Year and 1 Months (approx)
7. **Job description** To do all project related works on the development/identification of new refrigerant molecules using concepts of chemical engineering thermodynamics, artificial intelligence, and machine learning. Work on the improvement in the existing or emerging refrigerant properties concerning safety, toxicity, and other characteristics.

- a) Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
- b) Candidates desiring to appear for the Interview should submit their applications with the following documents to the office of Principal Investigator through email, by post or produce at the time of Interview:
 - Application in a plain paper with detailed CV including chronological discipline of degree/certificates obtained.
 - Experience including research, industrial field and others.
 - Attested copies of degree/certificate and experience certificate.
- c) Candidate shall bring along with them the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification.
- d) Preference will be given to SC/ST candidates on equal qualifications and experience.
- e) Please note that no TA/DA is admissible for attending the interview.
- f) Preference will be given to the GATE qualified candidates.
- g) Candidates with experience in the areas of "Chemical Engineering Thermodynamics", "AI and Machine Learning", and "Refrigerants" will be given preference.

The last date of application is June 22, 2024. Please send the application via email to vimal.srivastava@ch.iitr.ac.in and head@ch.iitr.ac.in. Shortlisted candidates will interviewed separately.

Tel: 01332-285889

Fax: +91-1332-276535

Email: vimal.srivastava@ch.iitr.ac.in

(V.C. Srivastava)

Principal Investigator

Copy to:

1. Dean, SRIC, IIT Roorkee
2. All Head of Departments and Centres
3. All concerned institutes in India
4. All Notice Boards, IIT Roorkee
5. Head, IIT Roorkee Employment Bureau
6. Head, Computer Centre (With a request to display the advertisement at Institute website)
7. Librarian, Central Library, IIT Roorkee
8. Various other Chemical Engg./Chemistry Departments (viz. IITs, Central Universities, NITs, etc.)

Approved

3/6/24
Dean SRIC
भा. प्रो. सं. रुड़की/IIT Roorkee

03/06/2024 03/6/24