

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

Dated: 13/09/2024

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 consultancy/research project(s) under the Principal investigator (Name: **Dr. Dharmansh and Dr. Anasuya Bandyopadhyay**), Dept. Polymer and Process Engineering, Indian Institute of Technology, Roorkee.

1. Title of project "**DEVELOPMENT OF ADSORBENT MATERIAL FOR NITROGEN-OXYGEN ADSORPTION AT LOW TEMPERATURE AND PRESSURE**"
 2. Sponsor of the project **CHESS, DRDO, Hyderabad**
 3. Project position(s) and number: **Research Associate (01)**
 4. Qualifications: **PhD in Chemical Engineering/ Chemistry/ Chemical Technology/ Polymer Science/ Polymer Engineering or equivalent with at least 2 SCI journal publications. Candidates with well-versed knowledge of inorganic and zeolite synthesis are preferred.**
 5. Emoluments: **Rs. 58000/- per month**
 6. Duration: **01 Year (may be extended based on project performance and approval from the funding agency)**
 7. Job description: **Synthesis of adsorbent (zeolite) with various compositions and transient analysis of the adsorption of the gaseous mixture on adsorbent material with a parametric study. Candidates must carry out research work, plan and execute project-related activities, prepare reports and presentations, and draft manuscripts for publication in peer-reviewed conferences/journals.**
1. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
 2. 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.