



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान भोपाल
Indian Institute of Science Education and Research Bhopal
(Established by Ministry of Education, Govt. of India)
Bhopal Bypass Road, Bhauri, Bhopal – 462066, Madhya Pradesh, INDIA

**Advertisement for the Post of Junior Project Fellow (JRF) under ANRF Project
at the Department of Chemical Engineering, IISER Bhopal**

August 22, 2025

Applications are invited from motivated Indian nationals for the position of **Junior Research Fellow (JRF)** in the **Project on CO₂ Separation Membranes**, funded by the Anusandhan National Research Foundation (ANRF), Government of India.

Project Description: The project focuses on developing a set of functional composite membranes for CO₂ separation from industrially relevant CO₂-enriched gas mixtures.

Position Details:

- **Number of Positions:** 01
- **Location:** Department of Chemical Engineering, IISER Bhopal
- **Duration:** Initially for 1 year, with a possibility of extension up to the project tenure (June 2028; yearly renewal) upon satisfactory performance.
- **Job Responsibilities:** Fabrication, characterization, and extensive performance evaluation of gas separation membranes, along with support in project-related research and documentation tasks.
- **Emoluments:** The position is funded by Anusandhan National Research Foundation (ANRF), Government of India, and the salary will be as per prevailing ANRF norms.

Note: There will be an opportunity to pursue a Ph.D. under my guidance on this topic if the candidate's performance is satisfactory.

Eligibility Criteria: Candidates with ME/M.Tech/M.S. in Chemical Engineering or an allied area of Engineering/Technology, a minimum of 70% marks or CGPA of 7.0 on a 10-point scale. Such candidates should have qualified GATE or CSIR-UGC NET (including lectureship). Note that a candidate's application can be considered even if his/her GATE/NET score's validity is over. **OR** BE/B.Tech./BS in Chemical Engineering with valid GATE score and a minimum of 70% marks or CGPA/CPI of 7.0 on a 10-point scale. However, B.Tech. from IITs or BS-MS from IISERs with CGPA/CPI of 8.0 (on a 10-point scale) and above are EXEMPTED from the requirement of a GATE score. **OR** The candidates with M.Sc./M.S. Degree in an allied area of Chemical Engineering may also apply, provided they must have a valid GATE score in any of the allied areas of Chemical Engineering.

Desirable Qualification: Experience in materials and/or polymer and/or membrane synthesis, the materials' characterisation and applications. The candidate with relevant hands-on research experience and good conceptual knowledge in these areas will be given preference.

Application Process: Interested candidates must complete the form using the link: <https://forms.gle/bvXQXJiC8jkQrPXC9>.

Alternatively, the candidates may also send the following documents in a single PDF file via email (with the subject “**JRF Application for ANRF Project**”) to the undersigned (Email ID: akshaymodi@iiserb.ac.in):

- Cover letter (briefly highlighting your interest in the position and relevant background; not more than one page)
- Detailed CV (including name, date of birth, sex, category, marital status, whether physically handicapped, address for communication, phone number, active email ID, details of educational qualification and relevant research experience/accomplishments) with a recent photograph
- Names and contact information of two referees (please provide their institutional email IDs)
- Copies of all academic credentials (educational certificates and mark sheets, starting from 10+2 in chronological order)
- Proof of qualification in GATE/CSIR-UGC NET

Deadline to Submit Application: September 10, 2025

Selection Process: Candidates will be shortlisted based on eligibility criteria, academic record, and relevant project experience. The selection committee reserves the right to limit the number of candidates called for an interview by applying additional criteria such as higher qualifications or experience than the minimum specified in the advertisement. Merely meeting the minimum eligibility does not guarantee an interview call. The date and time of the interview will be communicated via email. Only shortlisted candidates will be contacted and invited to appear for the interview, which will be conducted via Zoom or Google Meet. No TA/DA will be provided to attend the interview. No further correspondence regarding the status of individual applications or interim queries will be entertained.

Tentative Start Date: Immediate.

Contact (Principal Investigator) Information:

Dr. Akshay Modi

Assistant Professor, Department of Chemical Engineering

Indian Institute of Science Education and Research (IISER) Bhopal

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