



भारतीय विज्ञान शिक्षा और अनुसंधान संस्थान भोपाल

Indian Institute of Science Education and Research Bhopal

Department of Chemistry

Bhopal By-pass Road, Bhauri, Bhopal 462066

Advertisement for the Research Associate-I

Adv No: DST/CHM/2025-2026/8/RA-I

Date: 13.07.2026

Applications are invited from interested candidates for the post of Research Associate-I under a research project funded by the DST (CEST Division), Govt. of India. The post is purely temporary and co-terminus with the project.

Project Description: The aim of this project is to develop *homogeneous* and *heterogeneous* catalytic procedures for '*capture and electro-/photo-chemical reduction of CO₂*'. It involves catalyst synthesis, reaction optimization and engineering, electrode/photoelectrode optimization, reactor engineering, kinetics and mechanistic studies and improvement of overall catalytic processes.

Project Duration: up to 2028

Name of the Post: Research Associate-I

Salary: Rs. 58,000/- per month + Rs. 11,600/- (HRA) per month

Duration: Initially up to 31-03-2027 (i.e., end of the current financial year) (extendable up to one more year, subject to satisfactory performance/availability of funds).

Essential Qualification: Applicants should have a Ph.D. degree in Chemistry / Chemical Engineering (in any of the following areas: homogeneous/heterogeneous catalysis, electrochemistry, photochemistry, reaction/reactor engineering, kinetics/mass-transfer, CO₂-capture and conversion etc.) with a sound knowledge in catalysis, thermodynamics, and reaction kinetics.

Application Procedure: Applicants should send their full bio-data (including educational qualification, research interests and achievements, publications, skills, experience, and names/contact information of 2 referees) along with a brief cover letter to joyanta@iiserb.ac.in. **Your e-mail should accompany a subject line 'Application for RA-I Position_DST/CHM/2025-2026/8/RA-I'** and **should reach by 23rd July 2026 up to 6 PM**. Shortlisted candidates will be communicated via e-mail for interview.

Contact Details

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For details about our research, please visit: <https://jcomchem.wixsite.com/osml>