**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: 23.05.2025

Applications are invited from interested candidates for the post of Research Associate-Iunder 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:** 3 years

**Name of the Post:** Research Associate-I

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

**Duration:** Initially up to 31-03-2026 (i.e., end of the current financial year) (extendable up to a total of 3 years, subject to satisfactory performance/availability of funds).



**Essential Qualification:**  Applicants should have a Ph.D. degree in Chemical Engineering / Chemistry (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 5th June 2025 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>