**Indian Institute of Science Education and Research (IISER), Kolkata**
Campus Road, Mohanpur, Nadia, West Bengal – 741246
*Department of Chemical Sciences*

# ADVERTISEMENT FOR PROJECT ASSISTANT

*Walk-in Interview / Online Application Invited*

## Project Details

**Project Title:** Studying Elementary Steps in the Surface Chemistry of $CO_2$ on Copper Surfaces: A combined approach using molecular beam-surface scattering and theoretical methods

**File Number:** ANRF/ARG/2025/005588/CS

**Funding Agency:** Anusandhan National Research Foundation (ANRF) – Advanced Research Grant (ARG) Program

**Principal Investigator:** Dr. Ashwani Kumar Tiwari, Professor, Chemical Sciences, IISER Kolkata

**Position:** Project Assistant

**Number of Vacancies:** 01 (One)

**Duration:** One (1) Year (extendable subject to performance and project requirements)

**Fellowship:** As per ANRF/DST norms

## About the Research

The selected candidate will carry out quantum and classical dynamics calculations to study molecular collisions with metal surfaces. The research involves theoretical and computational investigations into the surface chemistry of $CO_2$ on copper surfaces using molecular beam-surface scattering and related theoretical methods.

## Eligibility Criteria

**Essential Qualifications:**

- B.Sc. in Physics or Chemistry from a recognized university.
- M.Sc. in Physics or Chemistry is preferable.

**Desirable Qualifications:**

- Experience in Quantum Chemistry Calculations.

## How to Apply

Interested and eligible candidates should send their application with the following documents to **ashwani@iiserkol.ac.in** within **15 days** from the date of this advertisement:

- Updated Curriculum Vitae (CV)
- Copies of all academic certificates and marksheets
- Contact details (phone number and email address)

## Contact

**Dr. Ashwani Kumar Tiwari**
Professor, Department of Chemical Sciences
Indian Institute of Science Education and Research (IISER), Kolkata
Campus Road, Mohanpur, Nadia, West Bengal – 741246
**Email:** ashwani@iiserkol.ac.in

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**Note:** *This is a purely temporary position co-terminus with the project. No TA/DA will be paid for attending any interview/interaction. Canvassing in any form will lead to disqualification. The institute reserves the right to cancel/modify this advertisement without any notice.*

**Date of Advertisement:** Nov 05, 2026
**Last Date to Apply:** Nov 20, 2026

**(Dr. Ashwani Kumar Tiwari)**
Principal Investigator
ANRF-ARG Project (ANRF/ARG/2025/005588/CS)
IISER Kolkata