

Interview on 12.10.2026 for the positions of one Research Associate-1 (RA-1) in the Department of Chemical Sciences at IISER Kolkata

Applications are invited for the positions of Research Associate-1 (RA-1, one position) in the Department of Chemical Sciences (DCS), IISER Kolkata.

Research Associate-I (RA1): One position

1. Research Area: Theoretical and Computational Biophysical Chemistry (Focus: Protein-Nucleic acid Interaction)

2. Funding source: DBT

3. Principal Investigator: Dr. Susmita Roy

4. Remuneration: Rs. 58000/- + HRA

5. Tenure: One year (extendable up to 2 years based on the research progress and performance)

6. Basic Eligibility Criteria: Ph.D. in with proven expertise in the area of Computational Chemistry/Physics/Biophysics/Biotechnology/Bioinformatics/Bioengineering

7. Desirable qualification:

- Proficiency in Python and shell scripting, with workable knowledge in bioinformatics and experience managing large-scale biological datasets using AI/ML frameworks.
- Proven experience applying machine learning algorithms to protein and nucleic acid sequence-structure analysis is highly preferred.
- Expertise in Molecular Dynamics (MD) simulations and enhanced sampling techniques (e.g., Metadynamics, Umbrella Sampling, or Replica Exchange)

8. How to Apply: A detailed CV must be emailed to Dr. Susmita Roy (susmita.roy@iiserkol.ac.in) latest by October 11, 2026.

All candidates are requested to report with the following documents: (a) Two sealed recommendation letters from Teachers and/or Academic Mentors; (b) Self-attested copies of Degree Certificates with Originals; (c) Any other relevant documents.

Date/Time: October 12, 2026, 3:00 PM

Venue: DCS Meeting Room, Research Complex (3rd Floor), IISER Kolkata, Mohanpur 741246

Mode of Interview: Hybrid mode (online/offline; link will be shared with the short-listed candidates on October 11, 2026)

****Conditions:** No TA/DA will be provided to the candidate for the interview. The decision of the selection committee will be final. The selected candidate may be terminated with a 30-day notice before completion of tenure, if their performance is deemed unsatisfactory. The requirements of minimum qualification and/or experience and age may be relaxed in the case of candidates with outstanding credentials.

Contact: Dr. Susmita Roy

Associate Professor

Department of Chemical Sciences

IISER Kolkata, Mohanpur 741246.

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