

Advertisement (project no: MoE-STARS/STARS-2/2023-0047)

Applications are invited for a “**Project Associate 1**” position in MOE-STARS funded project in the Department of Biological Sciences (DBS) and Department of Chemical Sciences (DCS), IISER Kolkata, Mohanpur, Nadia, West Bengal 741246. This position is purely temporary and co-terminus with the project mentioned above.

Project title: “Multimodal Photocatalytic Therapy Based on NIR-Active Perovskite-Peptide Nanocomposites for Hard-To-Treat Lung Biofilm Infections”

Principal Investigator: Prof. Amirul Islam Mallick

Name of the Position: Project Associate 1

Duration: Maximum for 1 year or based on the performance and funds availability.

Essential qualification: Master’s degree in any discipline of Biology/Chemistry

Essential Qualifications: M. Sc in Biotechnology/ Zoology/ Molecular biology/ Microbiology/ Synthetic Chemistry or related field in Life Sciences or Chemical Biology. Preference will be given to NET/GATE/equivalent national-level tests-qualified candidates.

Desirable Qualifications: Preference will be given to NET/GATE/equivalent national-level tests-qualified candidates. Basic knowledge of computing (MS Office related) and prior experience in animal experimentation (Mice) will be preferred.

Desirable criteria: Minimum one year experience in working on characterization of biomaterials, *in vivo* and *in vitro* efficacy testing in cell-based and animal model. Experience in handling microbiological samples, familiar in using molecular tools, and immunological assays. Knowledge in spectroscopy, imaging applications (SEM/TEM/AFM), *in vitro/in vivo* bioimaging.

Upper age limit: 35 years (Reservation as per the government rules)

Work assignment: The project is in its final year. The hired manpower will assist the PI in conducting several key *in vitro* and *in vivo* animal experiments. The person is expected to assist the PI in documentation of project-related work, record keeping, expenditure etc.

Pay scale: INR 31,000 per month plus HRA as per the rule.

How to apply: Eligible candidates should send a soft copy of their application (Cover letter, detailed CV, work experience, if any, in **SINGLE PDF**) to **dbs.hpilab@gmail.com**

The last date for receipt of the application: **October 10, 2025.**

Date of Interview: Early 3rd week of October, 2025 (Only shortlisted candidates will be contacted for the interview).

Start date of the position: **October 15, 2025.**

For more information about our research, please visit our website: <https://www.iiserkol.ac.in/~amallick/>