

Advertisement (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 Dept. 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: Dr. Amirul Islam Mallick

Name of the Position: Project Associate 1

Duration: Initial appointment for 1 year, extendable for a maximum of 2 years based on the performance and funds availability.

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

Desirable criteria: Minimum one year experience in working on materials science projects for biological applications such a developing perovskite based and other inorganic nanomaterials, its spectroscopic characterization like SEM/TEM/AFM, phototherapy applications, *in vitro/in vivo* bioimaging studies with other spectroscopy and microscopy techniques, and cell cytotoxic effects. Knowledge of basic computing (MS Office related).

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

Work assignment: The project associate will assist the PI in running the project. Manpower involvement for this project will be utilized for documentation of project-related research such as material development, spectroscopic and microbiological studies, recording and maintaining the research results, and preparing the research result documents

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: December 15, 2023

Date of Interview: The Last week of December 2023 (Only shortlisted candidates will be contacted for the interview).

Start date of the position: January 1st, 2024