

Research Position available in DBT project:

Applications are invited from suitable candidates for a Project Associate-1 position in the Department of Biological Sciences, Indian Institute for Science Education and Research Kolkata, in the project, “Engineering of a novel enzymatic pathway to enable conversion of PET (Polyethylene terephthalate) to bioethanol and its integration with cellulose hydrolysis,” a project in the lab of Supratim Datta and funded by the DBT.

Brief description: The project involves combining molecular biology, enzyme engineering, biochemical and biophysical characterization, structural and computational biology, high-throughput screening, and genomic and proteomic discovery to identify enzyme targets.

Duration: Initial appointments will be made for 12 months, and upon satisfactory performance, they will be extendable every year for the duration of the project.

Essential qualifications: B.Tech./B.E./MSc in Biotechnology/Biochemistry etc., and as per terms and conditions laid down by DBT.

Desirable qualification: Experience in any of the following areas: molecular biology, protein biochemistry, protein engineering, synthetic biology

How to Apply: Applications should contain a detailed CV, a brief one-page description of research conducted to date, and a one-page statement of purpose detailing the motivation for working in our laboratory. Applications should be sent by email to Supratim Datta at the following email address: supratim AT iiserkol DOT ac DOT in Applications will remain open until 2/11/24 after the publication of the advertisement on IISER Kolkata website. Shortlisted candidates will be contacted for interviews to be held thereafter.

The interviews will be conducted via online mode (tentatively 5th November, 2024)