

DEPARTMENT OF BIOLOGICAL SCIENCES

IISER BHOPAL

Applications are invited for the post of Project Junior Research Fellow in the following research area (experimental):

Spectroscopic studies of membrane protein folding and function

Vacancies: FOUR

Qualification: First class M. Sc./ M. Tech./ B. Tech. degree from a recognized university or institute in one of the following disciplines:

- Biophysics
- Biochemistry
- Physical Chemistry
- Physical Sciences
- Biotechnology

Candidates with a degree in other disciplines can also apply if they have a strong aptitude for **experimental Protein Biochemistry** and **Protein Spectroscopy**. Prior research experience in working with proteins is desirable.

Age: Applicant should not have completed 25 years of age at the time of joining.

Salary: Rs. 12,000/- p.m. (consolidated).

Maximum tenure: 1.5 years.

Job description: Generation of mutant library using conventional site-directed mutagenesis, membrane protein expression, protein purification, membrane protein folding and unfolding measurements using tryptophan fluorescence, data analysis. Other research-related work can be assigned from time to time.

Apply to: [maha\[at\]iiserb.ac.in](mailto:maha[at]iiserb.ac.in) with detailed CV which includes date of birth, recent photograph, contact phone number, past research experience, and the names and contact details of at least two referees. Incomplete applications or those that do not meet the minimum criteria will not be considered. **Shortlisted candidates will be contacted over e-mail with interview dates. Posts will be kept open until it is filled by suitable candidate.**

Description of research in the laboratory: We are working towards discovering the link between membrane protein folding, protein stability and function. We combine ultrafast kinetics and equilibrium spectroscopic measurements with electrophysiology measurements and cell survival assays to obtain a complete understanding of membrane protein regulation. For further details, please visit our laboratory website or click [here](#).