

# DEPARTMENT OF BIOLOGICAL SCIENCES

## IISER BHOPAL

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

### **Functional characterization of human mitochondrial outer membrane proteins**

**Vacancies: ONE**

**Essential Qualifications:** M. Sc. or M. Tech. in Biotechnology or Biophysics. Candidate must have **at least 4 years' prior experience** working with **single channel electrophysiology** of ion channels in planar bilayer membranes. In addition, candidate must have prior experience in complete biophysical characterization of the folding pathway of membrane proteins using ultrafast spectroscopy. Candidate must provide evidence for this experience in the form of research publications in specialized journals from Cell Press, ASBMB, Elsevier, or Springer, and presentations (oral and poster) in international conferences.

**Age:** Applicant should not have completed 34 years of age at the time of joining.

**Salary:** Rs. 35000 per month, based on qualification and prevailing DBT/CSIR norms.

**Tenure:** 1 year.

**Job description:** Single and multi-channel electrophysiology measurements of the human mitochondrial VDAC and human mitochondrial Tom40 channels. *In vivo* characterization of VDAC and Tom40 in mitochondrial membranes.

**Apply to:** [maha\[at\]iiserb.ac.in](mailto:maha@iiserb.ac.in) with detailed CV which includes date of birth, contact phone number, research experience, and copy of research publications which highlight the essential qualifications listed above. Incomplete applications or those that do not meet the minimum criteria will not be considered. **Last date for application is 10-03-2021. Only shortlisted candidates will be contacted over e-mail with interview dates.**