

Indian Institute of Science Education and Research Bhopal

Advertisement for the Post of Junior Research Fellow (JRF) or Project Associate-I

Theoretical / Computational Biological Physics | Date of advertisement: 29 September 2026

About the Position

Applications are invited for the position of **Junior Research Fellow (JRF)** or **Project Associate-I** in Theoretical/Computational Biological Physics, funded by the Anusandhan National Research Foundation (ANRF), DST, Government of India (Project No. CRG/2023/000970).

Project Description

The project lies at the interface of physics, biology, and computation. Using physics-based models and simulations, it aims to explore the fundamental physical principles governing complex biomolecular systems, with particular emphasis on phenomena that span multiple time and length scales. The research will employ advanced computational methods rooted in equilibrium and non-equilibrium statistical physics, complemented by modern machine learning techniques.

Essential Qualifications and Eligibility

- M.Sc. / MS / BS-MS / BS / BTech or equivalent in Physics, Engineering Sciences, Applied Mathematics, Biophysics, or Physical Chemistry from a recognised university/institute, with a minimum of 60% aggregate or a CGPA/CPI of 7.0 on a 10-point scale.
- For the JRF position:** a valid score/rank in NET/GATE/JEST or an equivalent national eligibility test. Students from national institutes (IISERs/IITs/NITs/IISc) with a CPI above 8.0/10.0 are exempt from the NET/GATE/JEST requirement.

Desirable Qualifications

- Proficiency in computer programming (Python or any other programming/scripting language).

Duration and Emoluments

Duration: 6 months, or until completion of the project, subject to satisfactory performance. There may be an opportunity to convert this project position into an institute-funded PhD in the near future.

Position	Eligibility	Salary (per month)
Junior Research Fellow (JRF)	With NET/GATE/JEST or equivalent qualification	INR 37,000 + HRA (as applicable)
Project Associate-I	Without NET/GATE/JEST or equivalent qualification	INR 30,000 + HRA (as applicable)

How to Apply

Submit the application as a **single PDF file** by email to rkm@iiserb.ac.in. The PDF must include:

- a cover letter;
- a detailed CV;
- names and email addresses of two referees;
- copies of all academic credentials, including mark sheets from 10+2 onwards; and
- proof of NET/GATE/JEST or equivalent qualification, where applicable.

Important Dates

Last date for receipt of applications	14 October 2026
Interview	Online (Zoom/Google Meet), for shortlisted candidates only
Expected date of joining	1 November 2026

Only shortlisted applicants will be contacted by email for the online interview. No interim correspondence will be entertained.

Contact

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