

Postdoctoral Fellow in Computational Biology

Indian Institute of Technology Gandhinagar (IITGN) invites applications for Postdoctoral Fellow position in Computational Biology with focus on Molecular Dynamics simulation of biological macromolecules and assemblies thereof.

Job Description: The candidate will be required to carry out MD simulations and other computational experiments on a variety of biological systems including proteins, membranes, and self-assemblies. The candidates must be well versed with a variety of MD simulation techniques (e.g. GROMACS), docking methodologies and associated software and packages. The candidate should be a highly motivated, continuous learner who is able to work independently.

Eligibility: PhD in Computational Biology, Computational Chemistry, Chemical Biology, Nanotechnology, Physics or allied areas with extensive experience of MD simulations on biological molecules with good scientific publication record. Those with previous experience of computational studies in protein aggregation and self-assembly will be preferred. Candidates who have submitted their thesis are also eligible for the position.

Duration: Initial appointment is for one year, extendable up to two years based on the performance and availability of funds.

Remuneration: INR 45,000 to 55,000 per month as per institute norms (based on experience and qualifications)

Application Procedure: Interested candidates must send their curriculum vitae, Ph.D. degree/provisional certificate and a cover letter explaining how their previous research expertise and interests would fit the current position requirements, their motivation for this position and future career goals. The CV must contain contact details of three references. All the documents must be submitted as a single pdf file to Dr. Sharad Gupta (sharad@iitgn.ac.in).

Deadline to apply: May 04th, 2020 or until this position is filled. The applications will continue to be screened until the position is filled.