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IIT Indore

## **Advertisement for Senior Research Fellow**

Applications are invited from motivated and eligible candidates for a **Senior Research Fellow (SRF)** position in the research project titled “Redesigning of antibody and finding novel inhibitors for dengue virus using computational approaches.” The objective is to conduct a comprehensive analysis of envelope protein of all dengue virus serotypes, identify its conserved region, and investigate the binding mechanism of bnAbs developed against that conserved region. Further, to explore how we could improve the binding of bnAbs or any potent small molecules, the role of glycosylation sites in binding, and the molecular-level insight into trimer E/prM membrane system

**Eligibility:** M.Sc./M.Tech. in Biophysics/ Physics/ Chemistry/ Biotechnology/ Life Sciences with TWO years of research experience in relevant areas.

**Desirable:** The candidate having prior experience in molecular dynamic simulations of biomolecules will be desired.

**Stipend:** Rs. 35,000 per month (consolidated)

**Duration:** The appointment is for one year or till the completion of the project.

**How to Apply:** Interested candidates are requested to submit a detailed CV to **Dr. Parimal Kar**, Department of Biosciences and Biomedical Engineering, IIT Indore, via e-mail: [parimal@iiti.ac.in](mailto:parimal@iiti.ac.in) by **March 21, 2022**.

Only shortlisted candidates will be intimated by e-mail for an interview (via online mode). No TA/DA will be paid for appearing in the interview. The appointment is purely temporary and co-terminus with the project. Mere fulfillment of essential qualifications does not entitle the selection. IIT Indore reserves the right not to fill up the advertised post if the candidates are not found suitable for the post