



Call for Research Staff Position (JRF/PA-I)

Date: 9 May 2026

About: Applications are invited from interested and motivated candidates for the post of Junior Research Fellow (JRF)/Project Associate-I on the research project sponsored by the Anusandhan National Research Foundation (ANRF) . The position will be purely oncontractual basis as per the following details:		
Position	Junior Research Fellow/Project Associate-I	Number of Vacancy: 01
Funding Agency	Anusandhan National Research Foundation (ANRF)	
Project Title	Unfolding the Path to Aggregation: Multiscale Modeling of Protein Rigidity Loss, Misfolding Intermediates, and Oligomerization	
Principal Investigator	Dr. Sandipan Dutta, Department of Physics, BITS Pilani, Pilani Campus	
Project Tenure	2 Years + Third year onwards as SRF after evaluation (total duration 3 years)	
Project/Job Description	JRF will carry out the multiscale modeling and molecular dynamics simulations to understand the unfolding of proteins and their aggregation. He/ She will also characterize the structural properties of misfolding intermediates and the transition states leading to protein aggregation. Additionally, he/she will examine the molecular mechanisms and kinetics governing the formation of oligomers, preferably utilizing AI-driven analysis to decode complex protein behavior. He/she will closely work with the experimental group of Prof Partha Sarathi Addy, compare the results with existing models and will propose new models based on findings.	
Qualification	Educational Qualification: M.S./M.Sc./M.Tech. or equivalent degree in Physics or related disciplines with a minimum of 60% marks (or equivalent CGPA). • National-Level Qualification: Preference will be given to candidates who have qualified NET/GATE or any other recognized national-level examination. • Research Experience: Candidates with prior experience in Computational Physics and Machine Learning will be given preference. • Technical Skills: Basic knowledge of MATLAB or Python is desirable but not mandatory.. Desirable: NET/GATE	
Upper Age Limit	28 years as of the date of the interview. Age relaxation is allowed as per government rule.	
Fellowship/Stipend	Rs. 37,000/- per month for NET/GATE Candidates Rs. 30,000 /Per month as Project Associate-I for Non Net/GATE Candidates	
Registration for PhD	Selected candidates may be permitted to register for the PhD program of BITS Pilani, subject to fulfilling the requirements of the PhD qualification process as per the institute norms.	
How to Apply	Email the following documents to: sandipan.dutta@pilani.bits-pilani.ac.in with subject as ‘ Application for JRF-ANRF Project ’ a. CV (Mention past education, technical skills, research experience, publications, etc.) b. Cover letter and contact details of at least two academic referees. c. Copy of the NET/GATE/National-level exam score card (if applicable).	
Selection Process	Candidates will be shortlisted based on their merit, experience, and as per the requirements of the project. Shortlisted candidates will be informed of the interview, which will be conducted through online mode. Only qualified and suitable candidates will be called for an interview.	

Application Deadline: 20 June, 2026

