



**Indian Institute of Technology (ISM) Dhanbad**  
Office of the Dean (Research & Development)


Sanction No and Date: ANRF/ARG/2025/002155/PS; Dt. 20/03/2026	IIT (ISM) Project No. SRDP 1289 G	Date 01/05/2026
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**ANRF JRF position under the ANRF ARG Project**

Applications are invited under the sponsored project. The details of the project are as follows:

<b>Position</b>	ANRF Junior Research Fellow (JRF)
<b>Number of Position (s)</b>	1 (One)
<b>Title of The Project</b>	Introducing a novel optical device to study protein aggregation in real time for disease diagnosis
<b>Principal Investigator</b>	Dr. Umakanta Tripathy
<b>Tenure of Project</b>	Till 22/03/2029 or Co-terminus with the project, whichever is earlier
<b>Job Description (in a maximum of 100 words)</b>	The selected candidate will learn to align and operate the optical device to study protein aggregation in real time for disease diagnosis. Further, the candidate will conduct experiments using the fluorimeter and AFM to support the findings. During this process, the candidate is also expected to learn how to handle protein samples and data analysis. Finally, the candidate will ensure the timely and successful completion of the project, in consultation with the PI.
<b>Essential Qualification</b>	1. M.Sc. (Physics) with 1 <sup>st</sup> class or min 60% marks/ 6.0 CGPA (if class is not awarded) 2. Valid CSIR-UGC NET (including LS) or GATE qualification
<b>Desirable Qualification</b>	Experience in optical alignment with lasers, handling proteins, handling instruments like an absorption spectrophotometer and a fluorimeter, etc.
<b>Age and Relaxation (if any)</b>	As per ANRF norms (Relaxable for SC/ST/OBC/PH candidates as per GOI norms)
<b>Fellowship</b>	₹ 37,000/- PM + (admissible HRA if staying outside the campus)
<b>Last Date &amp; Time</b>	<b>14/05/2026; 6:00 PM</b> Applications quoting the project no. "ANRF/ARG/2025/002155/PS" along with supporting documents should be sent to the PI (Dr. Umakanta Tripathy) via E-mail to <a href="mailto:utripathy@iitism.ac.in">utripathy@iitism.ac.in</a>

Shortlisted candidates will be informed of the interview date. Mere possession of the minimum qualification does not guarantee an invitation to the interview. Candidates will be shortlisted based on their merit and as per the requirements of the project. All candidates should make their own arrangements for their stay at Dhanbad, if required. No TA/DA will be paid to attend the interview.

  
30/04/2026  
(Signature of PI)