



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

Sanction No: ARDB/SSE/4524/2225 Date: 09/01/2026	IIT (ISM) Project No. SRDP 1262 G	Date: 18/08/2026
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Project Staff (JRF) position under DRDO Project

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

Position	Junior Research Fellow (JRF)
Number of Position (s)	01
Title of The Project	Robust Signal Reconstruction and Prediction in Aeronautical System Using Derivative Sampling Expansions
Principal Investigator	Dr. A. Antony Selvan, Department of Mathematics and Computing, IIT(ISM) Dhanbad
Tenure of Project	Maximum three years or till the end of project, whichever is earlier.
Job Description (in maximum of 100 words)	This project focuses on developing robust signal reconstruction techniques for aeronautical systems using derivative sampling expansions. The JRF will contribute to both theoretical modelling and practical implementation, including algorithm development and simulations. The selected candidate will be required to work at a DRDO Laboratory in Bengaluru.
Essential Qualification	• M.Sc./Int. M.Sc./M.Tech/Int. M.Tech/B.Tech in Computer Science, ECE, EEE or any other related fields. • Valid NET/GATE qualification.
Desirable Qualification	• Strong Mathematical background with deep expertise in Fourier and Signal Analysis. • Proficiency in either of C, C++, MATLAB, MATHEMATICA, or Python programming.
Age and Relaxation (if any)	As per the norms of the Govt. of India/DRDO for JRF recruitment.
Fellowship	Rs. 37000 + HRA for 1 st and 2 nd years and Rs. 42000 + HRA for 3 rd year (HRA will be provided in case hostel accommodation is not available). The fellowship of Rs. 42,000/- in the third year will be awarded subject to successful assessment and recommendation.
Last Date & Time	Interested candidates should email a single PDF [containing (i) CV, (ii) GATE/NET score card, (iii) self-attested copies of all mark sheets and certificates starting from 10th class, (iv) proof of work experience (if any)] to PI antony@iitism.ac.in on or before 31st August 2026, 6:00 PM . Candidates should write "Application for JRF position in DRDO Project" in the subject of the email.
Shortlisted candidates will be informed about the date of interview via email. Mere possession of minimum qualification does not guarantee an invitation to the interview. Candidates will be short listed based on their merit and as per the requirement 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.	


(Signature of PI)