



Indian Institute of Technology (Indian School of Mines), Dhanbad
The Office of Dean, Research & Development

Sanction No and Date: DEAL/26CR0001/IBPG/GN/CMS-III, Dated:23/05/2025	IIT (ISM) Project No. SRDP1192G	Date 05/08/2025
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Applications are invited for the position of Junior Research Fellow (JRF) in DRDO (DEAL) sponsored project. The details are given below:

Position	Junior Research Fellow (JRF)
Number of Position (s)	1
Title of The Project	Development of Orthogonal Time Frequency Space based physical layer for severe Doppler environment
Principal Investigator	Prof. Himanshu Bhusan Mishra (Email: himanshu@iitism.ac.in)
Tenure of Project	One Year and three months or till the end of project
Job Description (in maximum of 100 words)	The project aims i) to develop channel estimation, data detection algorithms of OTFS waveform technique, and ii) to implement the developed algorithms in C/Verilog/VHDL.
Essential Qualification	BTech/MTech in Electronics and Communication Engineering or equivalent, selected through any one of the following processes: i) CSIR-UGC NET, GATE ii) The selection process through national level examinations conducted by central Govt. departments and their agencies institutions such as: DST, IIT, IISC, IISER, NISER, DRDO etc.
Desirable Qualification	The candidate should have basic knowledge of Wireless Communication, Signal Processing, Probability and Linear Algebra. Furthermore, the candidate should be good in programming languages like C/C++/Python/MATLAB/VHDL/Verilog. Knowledge on Wireless Hardware Equipment (SDR Board) is desirable.
Age and Relaxation (if any)	The upper age limit is 35 years at the time of appointment
Fellowship	Rs. 43660/- (Rs 37000 + 18% HRA)
Last Date & Time	17th Aug, 2025(11:59 PM), Apply Here: https://docs.google.com/forms/d/e/1FAIpQLSfTs3Bu5egMPL0fpAfPEyyIDPMg_nkuxTSR2YN_n4LZB5wvTw/viewform?usp=dialog
The date of interview will be informed to the shortlisted candidates through mail. 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. Interview will be conducted through online.	


(Signature of PI)