



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

Sanction No and Date: ANRF/ARG/2025/010529/ENS dated 03.06.2026	IIT (ISM) Project No. SRDP 1322/G	Date: 10/07/2026
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JRF position under ARG Project

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

Name of the Position	Junior Research Fellow (JRF)
Number of Position (s)	2
Title of The Project	Online Learning for Wireless Systems in High Doppler Scenarios: Algorithm Development and Hardware Prototyping
Principal Investigator	PI: Dr. Samrat Mukhopadhyay, CoPI: Dr. Himanshu B. Mishra Department of Electronics Engineering IIT(ISM) Dhanbad, 826004, India E-mail: samrat@iitism.ac.in Phone no: (0326) 2235388 (Office), +91-7044004253 (Mobile)
Tenure of Project	3 years or till completion of project, whichever is earlier
Job Description (in maximum of 100 words)	Development of Online Machine Learning algorithms for channel estimation, data detection and relevant online optimization problems arising in High Doppler next generation wireless communication systems
Essential Qualification	1) B.E./BTech/M.E./MTech/M.Sc. or equivalent in streams like Electronics & Communication Engineering /Computer Science/Mathematics/Engineering Physics/Engineering Mathematics with good academic background. 2) The candidate should be qualified in GATE or CSIR/UGC NET or any other National level examination conducted by the Central Government Departments/Institutions.
Desirable Qualification	Basic knowledge in probability/Statistics/linear algebra is desirable. Knowledge in Machine Learning Algorithms will be an added advantage. Some experience in programming languages like C/C++/Python/MATLAB is desirable. Experience in VHDL/ Verilog/Vivado HLS will be preferred.
Age and Relaxation (if any)	Not more than 35 years at the time of appointment, with relaxation to SC/ ST/ OBC candidates as per Government of India norms.
Fellowship	Rs. 37,000/- per month + 20% HRA for two years and Rs. 42,000/- per month + 20% HRA for third year. HRA will be paid if hostel accommodation not provided.
Last Date & Time	July 20, 2026, 11:59 PM. Online Application link: https://forms.gle/WYXdkScNVu1C4EhGA
Application Procedure	Interested candidates are requested fill the online application (as per the link provided) and must attach all supporting documents (e.g. self-attested copies of educational qualifications, experience certificate, age proof, valid cast certificate (if applicable), copies of publications, awards, recommendation letter, CV with Photo, GATE/NET/National level examination qualification certificate, etc.).
Shortlisted candidates will be informed through email about the interview. The interview would be on online/offline mode. The date and time of interview would be sent to the shortlisted candidates by email. Mere possession of the minimum qualifications does not guarantee an invitation to the interview. Candidates will be shortlisted based on their merits and as per the requirements of the project.	

Dr. Samrat Mukhopadhyay
(Principal Investigator)