



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

Sanction No and Date: ANRF/ECRG/2025/005105/ENS dated 29 May 2026	IIT (ISM) Project No. SRDP 1323 G	Date: 30-06-2026
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ANRF Junior Research Fellow (ANRF JRF) position under ANRF Project
Applications are invited under the sponsored project. The details of the project are as under:

Position	ANRF Junior Research Fellow (ANRF JRF)
Number of Position	01 (One)
Title of the Project	<i>Gig-Economy Activity and Risk simulation for e2w rider Safety (GEARS).</i>
Principal Investigator (PI)	Prof. Punyabeet Sarangi , Civil Engineering Department, IIT (ISM), Dhanbad, Jharkhand, India. Email: punyabeet@iitism.ac.in
Tenure of Project	The position is temporary and will last for 2.5 years or until the project ends. The selected candidate may be considered for Ph.D. enrollment, subject to fulfilling the admission criteria of IIT (ISM), Dhanbad.
Job Description (in Maximum of 100 words)	The candidate will develop and parameterize a novel <i>Psycho-Social Behavioral</i> module that probabilistically models app-based riders risk-taking based on dynamic delivery time constraints and platform incentive structures. The work also involves traffic microsimulation and safety analysis using desired tools.
Essential Qualification	Candidates must have: <ul style="list-style-type: none">• M. Tech./M. E. as Civil Engg./Transportation Engg./Planning (M.Plan) or equivalent specializations with first class/division or a minimum of 60% marks/CGPA of 6.0 (on a 10 point scale)• Candidate must be GATE/NET qualified.• B.Tech. in Civil Engineering/ Bachelor of Planning. Note: Candidates awaiting their M.Tech. or M.Plan degree results are eligible to apply.
Desirable Qualification	Exposure to field data collection, travel behavior modelling &/or proficiency in any simulation software (VISSIM, CUBE, TRANSCAD).
Age and Relaxation (if any)	The upper age limit is 28 years at the time of application (Age relaxation for SC/ST/OBC/PWD/Female candidate as per GoI rule).
Fellowship	₹ 37000/- p.m. + 20% HRA for first two years ₹ 42000 /- p.m.+ 20% HRA for third year HRA can be admissible in lieu of non-availability of hostel accommodation.
Last Date & Time	July 19, 2026 by 10:00 PM
Application Procedure	Eligible candidates are advised to submit the application as a single PDF consisting of scanned self-attested copies of all certificates regarding educational qualification, age proof, GATE score card along with their detailed CV by E-mail to punyabeet@iitism.ac.in with subject of email as “ Application for JRF position ”
Shortlisted candidates will be informed of the date of interview. 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. Interview may be conducted online mode or in-person (physical) mode.	

Signature of PI