



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

<b>Sanction No and Date:</b> HSRIC/Viaduct/2022-23/001 and 27.09.2022	<b>IIT (ISM) Project No.</b> NHSRCL/2022-2023/936/CE	<b>Date:</b> March 17, 2023
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**JRF position under HSRIC Project**

Applications are invited for Junior Research Fellow position under the following DST-SERB sponsored project:

<b>Position</b>	JUNIOR RESEARCH FELLOW
<b>Number of Position (s)</b>	02
<b>Title of The Project</b>	Optimization of High-Speed Railway Viaduct (HSR) Design
<b>Principal Investigator</b>	PROF. PIYALI SENGUPTA
<b>Tenure of Project</b>	18 months
<b>Job Description (in maximum of 100 words)</b>	The candidate is expected to perform numerical simulations and experimental investigations on HSR Viaducts for a design optimization, under the supervision of the Project Investigator.
<b>Essential Qualification</b>	B.Tech or B.E. in Civil Engineering or equivalent discipline + M.Tech or M.E. in Structural Engineering or equivalent discipline with first class/division or a minimum of 60% marks/ CGPA of 6.5 (on a 10 point scale) with a GATE score.
<b>Desirable Qualification</b>	Expertise in MATLAB, ABAQUS, ANSYS, OPENSEES and experience in bridge engineering will be preferable.
<b>Age and Relaxation (if any)</b>	The upper age limit is 35 years at the time of appointment.
<b>Fellowship</b>	INR 31,000 per month
<b>Last Date &amp; Time</b>	April 16, 2023 and 6 PM
<b>Application Procedure</b>	Interested and eligible candidates are requested to email their CV, mark sheets, certificates, experience certificates in a .zip file to the Principal Investigator at <a href="mailto:piyali@iitism.ac.in">piyali@iitism.ac.in</a> before 6 PM on April 16, 2023.

Shortlisted candidates will be informed on 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.

*Piyali Sengupta*

Prof. Piyali Sengupta

**(Signature of PI)**