



**ADVERTISEMENT  
FOR THE POST OF JRF  
Under  
CSIR-(EMR-II) Research Project**



**Indian Institute of Technology Indore  
Department of Mathematics**

Advt. No.: 25/0319/2023/EMR-II/01

Date: 26/07/2023

Sl. No.	Application are invited from interested and motivated candidates for the post of Junior Research Fellow (JRF) in a time bound research project for a temporary period, purely on contractual basis as per the following details.	
1	Position	Junior Research Fellow (JRF)
2	Number of Vacancy	01
3	Project Title	Development of explicit models of near-surface wave fields in the different stratum of nonlocal elastic media with micropolar structures
4	Department	Mathematics
5	Project Tenure	03 Years
6	Job Description	This is a temporary post, purely on a contractual basis to conduct the research work on the development of explicit models of near-surface wave fields in the different stratum of nonlocal elastic media with micropolar structures. The mathematical development of near-surface wave fields, mainly involving partial differential equations, is the focus of the work. The expected skillset of the candidates are Hyperbolic & elliptic PDEs, Linear Algebra, Dispersion, Nonlocal Elasticity, Micropolar Structure, Waves.
7	Essential Qualification	B.S. 4 years programme / Integrated B.S.-M.S. / M.Sc. / B.E. / B. Tech. or equivalent degree, with at least 55% marks for General & OBC (50% for SC/ST candidates, Divyangjan (PWD)) and passing of NET-LS/GATE test.
8	Age Limit	JRF-28Yrs.
9	Age relaxation	The upper age limit is relax-able up-to 5 years in the case of candidates belonging to Schedule Castes/Schedule Tribes/Divyangjan (PWD) and female applicants whereas 3 years in the case of OBCs (Non- creamy layer candidates).
10	Fellowship	Junior Research Fellow (JRF)- Rs. 31,000/- p.m. (First & Second years) Rs. 35000/- p.m. (3 <sup>rd</sup> upon upgradation)
11	How to Apply	The candidates possessing the requisite qualification and experience should apply ONLINE through the LINK: <a href="https://forms.gle/usnu99KxBHNB5iTU8">https://forms.gle/usnu99KxBHNB5iTU8</a>  The candidates are advised to upload a soft copy of their CV with all relevant documents (All certificates and Marks sheet in a single pdf file.)
12	<b>Last date for Apply</b>	<b>14<sup>th</sup> August 2023</b>
13	PI's Contact Details	Dr. Santanu Manna Assistant Professor Department of Mathematics, Indian Institute of Technology Indore E-mail Id: <a href="mailto:santanu@iiti.ac.in">santanu@iiti.ac.in</a> Mobile No.: +91-8878095886

NOTE: - THE ADVERTISEMENT MAY BE MODIFIED FOR POSTS AS PER CRITERIA MENTIONED IN CSIR GUIDELINES