



मालवीय राष्ट्रीय प्रौद्योगिकी संस्थान जयपुर  
**Malaviya National Institute of Technology Jaipur**  
**Department of Mathematics**

**ADVERTISEMENT FOR RECRUITMENT OF JUNIOR RESEARCH FELLOW (JRF) UNDER SERB PROJECT**

Date: March 1, 2024

Applications are invited from highly motivated and dynamic eligible candidates for junior research fellow (JRF) position to work in SERB, DST funded sponsored research project titled “**Formation of yielded regions in synthesizing blood in superhydrophobic microfluidic devices**” under the Principal Investigator Dr. Geetanjali Chattopadhyay at the Department of Mathematics, MNIT Jaipur.

The details of the post and minimum essential and desirable qualifications for the project posts are as follows:

1.	Name & number of the position advertised:	Junior Research Fellow (JRF) - 01
2.	Project Description:	The project involves CFD analysis of liquid flow to investigate the formation of yielded regions in synthesizing non-Newtonian fluids in superhydrophobic channels
3.	Funding Agency for the Project:	Science and Engineering Research Board (SERB) - Start-up Research Grant (SRG)
4.	Duration of the post:	Initially for one year, later extendable based on performance for a maximum of two years, OR till the completion of the Project, whichever is earlier
5.	Essential Qualifications:	Master's degree in Mathematics, Physics, Engineering or Technology (60% marks or CGPA of 6.5 and above)
6.	Age Limit:	35 years on the last date of application, as per the DST-SERB norms
7.	Desirable	The selected candidates shall be encouraged to register for PhD at MNIT Jaipur
8.	Emoluments:	Rs. 31,000/- per month
9.	Desired Qualification / Skills:	<ul style="list-style-type: none"><li>• Knowledge and experience in CFD (Computational Fluid Dynamics)</li><li>• Hands-on experience in OPENFOAM (preferable).</li><li>• Good in communication and scientific writing</li></ul>
10.	Application Procedure	Interested and eligible candidates: <ol style="list-style-type: none"><li>1. <b>Fill the Google form below</b> <a href="https://forms.gle/6qXnT8KdFafBAuMK7">https://forms.gle/6qXnT8KdFafBAuMK7</a></li><li>2. Also, send your CV to <a href="mailto:geetanjali.maths@mnit.ac.in">geetanjali.maths@mnit.ac.in</a> with a subject line: <b>Application for a JRF Position under DST (SRG) Project</b>, on or before the deadline <b>March 21, 2024, 5 pm</b></li></ol>

Short-listed candidates would be communicated and requested to appear for an in-person or for an online mode interview at MNIT Jaipur tentatively before the end of March, 2024 (**date and time will be confirmed separately via mail**).

**Instructions:**

- Appointed candidate will be placed at the Malaviya National Institute of Technology Jaipur and appointment will be made purely on temporary basis initially for a period of one year and can be extended up to completion of the project based on the performance. The contract will also include a one month notice period wherein if the candidate selected wants to discontinue the project he/she will have to inform the PI one month in advance and in case PI is not satisfied with the performance of candidate, he will need to inform them one month prior to termination of contract.
- The salary is determined as per DST (SRG) norms and may be revised as and when directed by DST.
- The candidates selected for the interview will be informed via email by Dr. Geetanjali Chattopadhyay.
- In case of any unavoidable circumstances the date of interview might be changed, which shall be notified on our institute website [www.mnit.ac.in](http://www.mnit.ac.in) or through email.
- Candidates appearing for interview should keep a set of photo copies of certificates, mark sheets and testimonials, along with their original documents.
- Any queries related to above post must be addressed to: Dr. Geetanjali Chattopadhyay, Email: [geetanjali.maths@mnit.ac.in](mailto:geetanjali.maths@mnit.ac.in).
- No TA/DA is admissible for attending the selection process.
- The decision of the selection committee is final. Canvassing in any form leads to rejection of the candidature.
- The tenure of the JRF/SRF/PA is co-terminus with the project.
- MNIT Jaipur does not bear any implications/obligations on the recruited JRF in a given project.
- Selected candidates will not be permitted to claim for any regular / part time appointments in this institute or any other during this period.
- The Institute reserves the right not to fill up the post(s), cancel the advertisement in whole or in part, without assigning any reason and the decision of the Administration of MNIT Jaipur, in this regard shall be final.

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