



# Malaviya National Institute of Technology Jaipur

## Advertisement for the Post of Junior Research Fellow (JRF) (On Contract) under CRG (SERB-DST) Project

Date: 28/06/2024

Applications are invited from highly motivated and dynamic eligible candidates for junior research fellow (JRF) position for the post of Junior Research Fellows (JRFs) (on contract) under the research project titled **Development of ultra-high hardness steel through grain refinement for automotive and defence industries: A novel approach**” in reference to the File No. CRG/2023/005521 dated: 28/05/2024 by Science and Engineering Research Board (SERB), Department of Science & Technology, New Delhi-110070.

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

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|--------------------------|---|
| Name of the position     | Junior Research Fellow (JRF), One (01)  |
| Eligibility              | Master Degree in Metallurgical Engineering/Metallurgical and Materials Engineering/ Materials and Metallurgical Engineering/ Mechanical Engineering/ Materials Science/ Ceramic Engineering/ Thermal Engineering/ Polymer Engineering/ Plastic Engineering/ Polymer Science and Engineering/ Metallurgy and Materials Science/ Materials Engineering/ Design/Machine Design/ Production/ Foundry/ Nanotechnology/ Industrial Metallurgy/ Welding Technology/ Manufacturing/ Process Metallurgy/ Process Engineering/ Corrosion Engineering/ Nano Technology/ Steel Technology/ Mineral Processing/ Alloy Technology/ Extractive Metallurgy/ Composites/ Powder Metallurgy Or equivalent Master's degree in allied areas with minimum 60% marks. |
| Duration                 | up to Project Completion (June 2026)  |
| Fellowship               | As per GOI norms (37000/- + 18% HRA)  |
| Desirable                | <ul style="list-style-type: none"><li>• Candidates with a strong background in physical and mechanical metallurgy of steels and expertise in Foundry technology specific to stir casting.</li><li>• The selected candidates shall be encouraged to register for PhD at MNIT Jaipur in the department of Metallurgical and Materials Engineering.</li></ul>  |
| Desirable Qualification: | <ul style="list-style-type: none"><li>• A GATE/NET qualified or similar other national level ranking</li></ul>  |
| Other                    | As per updated DST norms  |

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| Application Procedure | Interested and eligible candidates:<br><ol style="list-style-type: none"><li>1. <i>Fill the Google form by clicking the link below.</i><br/><a href="https://forms.gle/rVnKXDk45QuNVj279">https://forms.gle/rVnKXDk45QuNVj279</a></li><li>2. Also, Send CV to <a href="mailto:swati.meta@mnit.ac.in">swati.meta@mnit.ac.in</a> with a subject line: Application for a JRF Position under CRG/2023/005521 <b>by 12<sup>th</sup> July 2024</b></li></ol> |
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Short-listed candidates would be communicated and requested to appear for an in-person/online interview on a **convenient date (will be informed separately via mail)**.

#### **INSTRUCTIONS:**

1. 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 the candidate one month prior to termination of contract.
2. The salary is determined as per DST norms and may be revised as and when directed by DST.
3. The candidates selected for the interview will be informed via email.
4. 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.
5. Candidates appearing for interview should come with one set of Xerox copies of certificates, mark sheets and testimonials, along with their original documents.
6. No TA/DA will be provided for appearing in the Interview.
7. Any queries related to above post must be addressed to: Dr. Swati Sharma, Email: [swati.meta@mnit.ac.in](mailto:swati.meta@mnit.ac.in)

**Dr. Swati Sharma**  
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