



भारतीय प्रौद्योगिकी  
संस्थान जम्मू  
INDIAN INSTITUTE OF  
TECHNOLOGY JAMMU

विद्यया धनं सर्वधनं प्रधानम्

Indian Institute of Technology Jammu  
Department of Materials Engineering  
Jagti, NH-44, PO Nagrota, Jammu, J&K 181221

Advt. No.: IITJMU/R&C/RP00218/2024/A-12

Dated: February 13, 2024

### Advertisement for the JRF Position

Applications are invited from the interested candidates for the post of **Junior Research Fellow (JRF)** to work on the funded research project titled “**Experimental and numerical investigation of anisotropic mechanical behaviour of fabric and fibre reinforced composites in biaxial stress space**” sanctioned by Science and Engineering Research Board (SERB), India.

| No. of Positions | Position                     | Area of Specialization  | Duration   | Consolidated Salary per Month       |
|------------------|------------------------------|---|--|-------------------------------------|
| 1                | Junior Research Fellow (JRF) | Mechanical testing,<br>Design of fixtures,<br>Numerical analysis using commercial tools,<br>Composite fabrication,<br>Machine design. | Initially for 1 year, which may be extended up to the duration of the project based on the satisfactory performance. | INR 31,000/-<br>+ HRA as applicable |

#### **Essential Qualification and Criteria:**

ME/M. Tech in **Mechanical / Production / Manufacturing / Design / Civil/ Materials / Metallurgy / Electrical or Aerospace Engineering or relevant discipline**, selected through National eligibility exams (GATE) or National-level examination conducted by Central Govt. Departments and their agencies and Institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER, etc

Candidates having knowledge and experience in mechanical testing, design of fixtures, numerical analysis using Ansys/Abaqus, composite fabrication, machine design, are preferable.

**Upper age limit:** 32 years

#### **Application Process:**

Duly filled application form along with the requested details, scanned copies of certificates, other supporting documents, should be uploaded through the online portal (<https://apply.iitjammu.ac.in/#/home>) latest by **23<sup>rd</sup> February 2024**. Please apply through the [contract/project staff/JRF/SRF] tab on the referred application portal.

### **Important Points:**

1. The applicant will be responsible for the authenticity of the information, other documents, and photographs submitted.
2. Merely possessing the prescribed qualification does not ensure that the candidate will be called for an Interview. The candidates may be shortlisted based on merit and need for the project.
3. Shortlisted candidates will be informed by e-mail about the interview. So, the candidate must provide valid e-mail IDs, and phone number information in their applications.
4. Shortlisted candidates must present themselves for the interview on the interview date with an updated CV and original and attested photocopies of mark sheets/certificates supporting their academic qualifications. Only shortlisted candidates will be called for the interview. The time of the interview will be informed to the shortlisted candidates by e-mail. The interview will be held in **online mode**.
5. Candidates who are already employed should produce a relieving certificate from their employers if selected.
6. The last date for receiving the duly filled-in application is **23<sup>rd</sup> February 2024**, through an online portal.
7. The date of the interview will be informed to the shortlisted candidates through email.
8. **Candidate must upload all the documents with respect to educational qualification, experience, etc.**

### **Principal Investigator:**

**Dr. Srinivasan N**

Indian Institute of Technology Jammu

Department of Materials Engineering

Jagti, NH-44 Nagrota Bypass Jammu. 182211

Email: [srinivasan.n@iitjammu.ac.in](mailto:srinivasan.n@iitjammu.ac.in)