



Advt. No.: IITJMU/R&C/RP00205/2024/A-77

Dated: 20.11.2024

**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 on the Delamination modelling in Composite**” sanctioned by Indian Space Research Organization (ISRO).

No. of Positions	Position	Area of Specialization	Duration	Consolidated Salary per Month
1	Junior Research Fellow (JRF)	Mechanical Engineering, Materials Engineering, Applied Mechanics, Aerospace Engineering and related streams.  <b>Job Profile:</b> The selected candidate must be able to do numerical modelling of composite materials and mechanical testing on composite materials	Initially for one year or ending of the project whichever is earlier and May be extended depending on the performance.	INR 31,000/- + HRA as applicable

**Essential Qualification and Criteria:**

1. M.Tech. / M.E. in Mechanical Engineering/ Materials Engineering/ Applied Mechanics/ Aerospace Engineering and related streams and B.Tech/ B.E. with minimum 60% marks (or 6.5/ 10.0 CGPA). Valid GATE score is preferable.

OR

2. B.Tech. /B.E. degree in Mechanical Engineering/ Materials Engineering/ Applied Mechanics/ Aerospace Engineering and related streams with a minimum 60% mark (or 6.5/ 10.0 CGPA) throughout starting from Class XII, valid GATE score is preferable /Post Graduation degree in basic science.

### Essential Qualification:

1. A sound knowledge of programming languages like C/C++, Python, MATLAB.
2. Experience in working on Finite Element software e.g. ABAQUS, Ansys etc.

**Upper age limit:** Upper age limit: 30 years (Age relaxation: upper age limit is relaxable up to 5 years for SC/ST/OBC/women and physically handicapped candidates.

### 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 **15<sup>th</sup> December 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 using the online/offline platform.
5. Candidates called for interview should reach IIT Jammu on their own fund. TA/DA is not permissible to appear offline interview or joining the position if job is offered.
6. Candidates who are already employed should produce a relieving certificate from their employers if selected.
7. The last date for receiving the duly filled-in application is **15th December 2024**, through an online portal.
8. The date of the interview will be informed to the shortlisted candidates through email.
9. A review period will be there for 1.5 months after joining date.
10. Selected Candidate need to work for minimum one year, else Rs 2.0 Lakhs need to be paid back.
11. A review will be done after one year, if zero progress in the work, it will attract Penalty up to 6 months' salary.
12. Candidates whose interest for long term stay is preferred.

13. No clause of enhancement in salary, the approved project fund will be used to define salary.

**14. Candidate must upload all the documents with respect to educational qualification, experience, etc.**

**Principal Investigator:**

**Dr. Durai Prabhakaran R T**

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