



Advt. No.: IITJMU/R&C/RP00244/2024/A-31

Dated: 06-04-2024

Advertisement for Junior Research Fellow Position

Applications are invited from the interested candidates for the post of **Junior Research Fellow (JRF)** to work on the funded research project titled “**Development of automated flexible UT array for inspection of curved vertical surfaces of bridge piers**” sanctioned by Department of Science & Technology (DST), India.

The goals of the project include wave based concrete scanning and subsurface image processing, flexible array development, and automated data acquisition.

Project Investigators: Dr. Surendra Beniwal and Dr. Sahil Kalra

No. of Positions	Position	Area of Specialization	Duration	Consolidated Salary per Month
1	Junior Research Fellow (JRF)	Mechanical Design; Systems, Control and Robotics; Control and Automation; Signal Processing	Initially for one year. Duration may be extended depending on the performance or ending of the project whichever is earlier	INR 37,000/- + HRA as applicable

Essential Qualification and Criteria

1. M.E./M.Tech/MSc or equivalent degree in Electrical/Electronics/Mechanical disciplines with at least 70% aggregate marks or 7.0 CGPA.
2. B.E./B.Tech in Electrical/Electronics/Mechanical/Instrumentation & Control disciplines or equivalent field from reputed institute with 70% aggregate marks or 7.0 CGPA
3. Qualified in any of the following National eligibility test/exams:
 - a. GATE
 - b. CSIR-UGC NET including lectureship (Assistant Professorship)
 - c. 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

Upper age limit: Upper age limit: 28 years (Age relaxation: upper age limit is relaxable up to 5 years for SC/ST/OBC/women and physically handicapped candidates)

Other Qualification(s)

1. Sound knowledge of programming languages like C/C++, Python, MATLAB
2. Knowledge of working with programmable circuit boards, data-acquisition and hardware interfaces

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 20th **April 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. Only shortlisted candidates will be called for the interview via email. In this regard, the candidate must provide valid email IDs, and contact information (phone number) 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.
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 20th **April 2024**, through an online portal.
7. The interview will be held using the online/offline platform. 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.**

Point of Contact for Correspondence

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