



भारतीय प्रौद्योगिकी
संस्थान जम्मू
INDIAN INSTITUTE OF
TECHNOLOGY JAMMU

विद्यया सर्वधनं प्रदानम्

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

Advt. No.: IITJMU/R&C/RP00244/A-75

Dated: 14 -11-2024

Advertisement for the Junior Research Fellow (JRF)

Applications are invited from the interested candidates for the post of **Junior Research Fellow (JRF)** to work on the externally 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/Research	Duration	Emoluments per month (INR)
One	Junior Research Fellow (JRF)	Control Systems and Robotics / Signal Processing / Automation and CAD	Initially for one Year. Duration may be extended depending on the performance or ending of the project whichever is earlier	Rs.37,000/- + HRA as applicable

Essential Qualification and Criteria:

1. M.E./M.Tech/MSc or equivalent degree in Electrical /Electronics /Mechanical /Civil Engineering disciplines.
2. B.E./B.Tech in Electrical/Electronics/Civil/Mechanical/Instrumentation & Control disciplines or relevant field from reputed institute.

Qualified In Any Of The Following National Eligibility Test/Exams:

Post graduate degree in Basic sciences OR Graduate / Post Graduate Degree in Professional Course selected through a process described through any one of the following:

- a) Scholar who are selected through any national eligibility test CSIR-UGC NET qualified including lectureship (Assistant Professorship) and GATE.

b) The selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions such as DST, DBT, DAE, DOS, DRDO, MoE, ICAR, ICMR, IIT IISc, IISER, NISER etc.

Other Qualification(s):

1. Sound knowledge of programming languages like C/C++, Python, and MATLAB
2. Knowledge of working with programmable circuit boards, data-acquisition and hardware interfaces
3. Expertise on any Mechanical Design CAD software

Upper age limit: Upper age limit is **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 **7th 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.
5. The interview will be held using the online/offline platform.
6. 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.
7. Candidates who are already employed should produce a relieving certificate from their employers if selected.
8. The last date for receiving the duly filled-in application is **7th December, 2024** through an online portal.
9. The date and the time of the interview will be informed to the shortlisted candidates through email.
- 10. Candidate must upload all the documents with respect to educational qualification, experience, etc.**

Principal Investigator:

Dr. Surendra Beniwal

Indian Institute of Technology Jammu

Department of Civil Engineering

Jagti, NH-44 Nagrota Bypass Jammu. 182211

Email: surendra.beniwal@iitjammu.ac.in