



Advt. No.: IITJMU/R&C/RP0015/A-08

Dated: 29/04/2022

Advertisement for the Position of JRF

Applications are invited from the interested candidates for the post of **Junior Research Fellow (JRF)** to work on the R&D project titled “Energy Harvesting for 5G Wireless Networks: Impact on Diverse Wireless Applications” sanctioned by Science and Engineering Research Board (SERB), Govt. of India under Innovate India, Smart Cities and Make in India.

S. No.	Position	Area of Specialization and Qualification	Duration	Consolidated Salary	Number of Positions
1	Junior Research Fellow (JRF)	<p>B.Tech./B.E. degree in ECE/ETC/E&C/E&TC/EE/EEE with minimum 60% marks (or 6.5/ 10.0 CGPA) throughout starting from Class XII and expertise/experience in Wireless Communication. With Valid GATE Score.</p> <p>(or)</p> <p>M.Tech / M.E./ M.S. with specialization in communication and signal processing, Embedded System, RF and Microwave Engineering, Signal Processing, Communication and VLSI and B.Tech/ B.E. in ECE with minimum 60% marks (or 6.5/ 10.0 CGPA) throughout starting from Class XII. With Valid GATE score.</p>	Initially for the period of six months which may be extended	Rs. 31,000/- PM+ HRA	01 (One)

***Desirable:**

1. Experience in prototype devices.
2. Strong background in antenna design, RF transmitters, RF receivers, rectifiers, etc.
3. Understanding of technical research publications. Experience in antenna design tools.

Upper age limit: 30 years

***Objective of the Project and Job Responsibility:**

This is an implementation based project wherein, the candidate is responsible for designing prototype devices related to radio frequency (RF) energy harvesting. The devices harvest energy for usage or battery storage. The domain knowledge and specialization in **antenna design, rectenna design, metamaterial absorbers, wireless communication, etc.** are desirable.

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 8th May 2022. Please apply through the [contract/project staff/JRF/SRF] tab on the referred application portal. Candidates who are already employed should produce a relieving certificate from their employers if selected. The interview will be conducted for all shortlisted candidates.

Attention:

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 would 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, 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 in support of 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 by using the online platform.
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 8th May 2022, through an online portal.
7. The date of interview will be informed to the shortlisted candidates through email.
8. "The selected candidate will be encouraged to apply for the PhD program if he/she satisfies all the criteria for PhD admission. However, the candidate can only be selected through the regular admission process for the PhD program at IIT Jammu.
9. **Candidate must upload all the documents with respect to educational qualification, Experience etc.**

Address for Correspondence:

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