



Advt. No.: IITJMU/R&C/RP00103/A-09

Dated: 29/04/2022

Advertisement for the Position of SRF/JRF

Applications are invited from the interested candidates for the post of **Senior Research Fellow (SRF)/Junior Research Fellow (JRF)** to work on the project titled “**UWB Auxetic Antenna Array for Non Invasive Fetal Imaging**” in the area of Development for Biomedical Application sponsored by DST.

No. of Positions	Position	Area of Specialization	Duration	Consolidated Salary per Month	Number of Positions
1	Senior Research Fellow/Junior Research Fellow	Electronic and Communication: RF and Microwave	03 months (shall be extended based upon performance)	35000 INR for SRF /31000 INR for JRF (Per month plus HRA as per GoI norms)	01

*Minimum Qualification:

J Essential Qualification:

- M.Tech or Equivalent in Electrical/Electronics Engineering or allied branches from a recognized technical institute/university as a full-time program.
- 2 years of Industrial or research experience is necessary for SRF application. Candidate with Ph.D. Degree or Ph.D. submitted can also apply for SRF, provided he/she can produce a two-year experience of working as a JRF or equivalent.
- One-time GATE qualification Score
- Upper age limit: 35 years

J Desired Qualification:

- Knowledge of Electromagnetic Simulator such as CST Studio Suite/Ansys HFSS, coding platform such as Matlab/Python.

- Preference may be given to the candidate having appropriate knowledge of experimentation, scientific writing.

Brief Objective of Project:

The main objective of this proposal is to develop a UWB conformal antenna patches and capture/ monitor the fetal growth based upon the properties permittivity and permeability values.

Job Description:

The selected candidate is expected to work on the synthesis, characterization and optimization of oxygen concentrator unit

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 May 8th, 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.**

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