



Advt. No.: IITJMU/R&C/RP00127/A-09

Dated: 30-11-2022

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 project titled “**Studies on the design of microwave structures for achieving low radar cross section (RCS) of the dielectric and conducting objects.**” sponsored by DRDO.

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

*Minimum Qualification:

- Essential Qualification:
 - M.Tech or Equivalent in Electrical/Electronics Engineering or allied branches from a recognized technical institute/university as a full-time program.
 - Upper age limit: 35 years
- 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.
 - One-time GATE qualification Score

Brief Objective of Project:

The present proposal aims at the design of structures for Radar Cross Section (RCS) reduction of the dielectric and conducting objects at microwave frequencies. The two approaches namely invisibility cloaks and absorbers will be used for achieving the RCS reduction.

Job Description:

The selected candidate is expected to work on the design, characterization, fabrication and measurement of microwave cloaks and absorbers.

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 Dec.14th,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 14th Dec 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:

Dr. Kushmanda Saurav

Department of Electrical Engineering

Indian Institute of Technology Jammu

Jammu. 182211

Email: saurav.kushmanda@iitjammu.ac.in