



विद्याधनं सर्वधनं प्रधानम्

भारतीय प्रौद्योगिकी
संस्थान जम्मू
INDIAN INSTITUTE OF
TECHNOLOGY JAMMU

Department of Electrical Engineering

Advt. No.: IITJMU/JRF/08/2019

Dated: 13/08/2019

Advertisement for the Position of Junior Research Fellow (JRF)

Applications are invited from the interested candidates for one post of *Junior Research Fellow* 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. The staff will be appointed initially for one year (on contract) and his\her services can be extended for next two year (or till the last date of project) based on the performance review.

S. No.	Position	Area of Specialization and Qualification	Duration	Consolidated Salary	Number of Positions
1	Junior Research Fellow (JRF)	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. Valid GATE Score is preferable. (or) 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. Valid GATE score is preferable.	Initially for the period of one year which may be extended	Rs. 31,000/- PM+ HRA	01 (One)

Desirable:

1. Experience in prototype devices.
2. Strong background in physical layer wireless communication.
3. Understanding of technical research publications. Experience in Matlab.

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. In case of storage, it has to work with

immediate harvested energy and battery energy in hybrid manner. If storage not available, it has to work on harvested energy.

Application Process: A **single PDF** file containing i) complete Application form (as given below) giving all the details and ii) scanned copies of self-attested certificates, supporting documents and experience certificate should reach at sudhakar.modem@iitjammu.ac.in latest by **28/08/2019 through email only**. Subject of email must be “**Application for the post of JRF at IIT Jammu**”. The shortlisted candidates will be sent notification via email along with the date and time of the written test/interview by **30/08/2019**. The written test/interview will be conducted for all the eligible candidates. The applicants need to bring all the original documents for verification during written test/interview. Applicants employment in government organization are required to submit a “No Objection Certificate” from the employer at the time of interview.



विद्याधनं सर्वधनं प्रधानम्

भारतीय प्रौद्योगिकी
संस्थान जम्मू
INDIAN INSTITUTE OF
TECHNOLOGY JAMMU

Guidelines:

1. The applicant will be responsible for the authenticity of information, other documents and photographs submitted.
2. The Institute reserves the right to accept application at any time, and consider candidates of exceptional credentials without applications. Qualification and experience may be relaxed by the Institute at any point of time for otherwise exceptional candidates.
3. Mere, possessing the prescribed qualification does not ensure that the candidate would be called for Interview. The Candidates will be shortlisted on the basis of merit and need of the project.
4. Shortlisted Candidates will be informed by email about the interview date. So, the Candidate must provide valid E-mail IDs in their applications.
5. Shortlisted candidates have to present themselves for the interview on the interview date with updated CV and original and attested photocopies of mark sheets/ certificates in support of their academic qualifications.
6. Applicants employed in government organizations are required to submit a “No Objection Certificate” from the employer at the time of interview.
7. No TA/DA will be paid for appearing in the interview.
8. Bio-data format is being provided with this notification. The candidates are required to bring duly filled in bio-data format along with photocopies of required documents.
9. Last date for receiving the complete application via **email only** at sudhakar.modem@iitjammu.ac.in is **28/08/2019 till 11:59 PM**.
10. Intimation regarding written test/interview shall be posted by **30/08/2019** through **email only**. Tentative date of interview will be **14/09/2019**.

Address for Correspondence

Dr. Sudhakar Modem

Indian Institute of Technology Jammu,
Department of Electrical Engineering
P.O. Nagrota, Jagti, Jammu. 182211

Email: sudhakar.modem@iitjammu.ac.in

Website: www.iitjammu.ac.in



विद्याधनं सर्वधनं प्रधानम्

भारतीय प्रौद्योगिकी
संस्थान जम्मू
INDIAN INSTITUTE OF
TECHNOLOGY JAMMU

Application for the Post of JRF at IIT Jammu

1. Advertisement No.:

2. Name of the Candidate (BLOCKLETTER): _____

3. Father's Name (BLOCKLETTER): _____

4. Mother's Name (BLOCKLETTER): _____

5. (a) Date of Birth: (DD/MM/YYYY) _____

(b) Gender (Male/Female/Other): _____

(c) Marital Status (Married/Single): _____

(d) Category (SC/ST/OBC/PWD/EW/GEN): _____

6. Previous Research experience: (use additional sheet if required) _____

7. Publication(s), if any: (use additional sheet if required) _____

8. GATE: Qualified (Yes/No): Score: _____ Rank: _____
Specialization: _____ Year: _____

9. Academic Qualification: (Starting from Standard 10th (SSC) or equivalent Examination)

Name of Exam Passed	Name of the School/College/Institute/University	Year of Passing	Discipline/Specialization	Percentage of Marks/CGPA

Paste here a recent
Passport Size
Photograph



भारतीय प्रौद्योगिकी
संस्थान जम्मू
INDIAN INSTITUTE OF
TECHNOLOGY JAMMU

10. (a) Address for Communication: (BLOCKLETTER)

(b) Mobile No.:

(c) E-mail ID:

11. Contact Details of two referees:

	Referee I	Referee II
Name :		
Designation :		
Organization:		
Office Address :		
Office Phone Number:		
Email ID:		

12. Experience in wireless Communications & Prototype design:

I do here by declare that the information furnished in this application is true to the best of my knowledge and belief. If selected, I promise to abide by the rules and regulations of the Institute.

Date:

Place:

Signature
(Name:)

Note- If any information is required, extra A4 sheet may be attached.