

Department of Electronics and Communication Engineering
NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL
Under Ministry of Education (MoE), Government of India

Advt. No.: NITK/ECE/02/ISRO-RESPOND/2023

Dated: 03/01/2023

Advertisement for the Position of JRF
Under ISRO RESPOND Project

Applications are invited from the interested candidates for the post of JRF to work on the R&D project titled “**Design, Development of Multi-Harmonics Tuned GaN HEMT Power Amplifier over Broadband**” supported by **Indian Space Research Organisation (ISRO), Govt. of India under RESPOND scheme**. The selected candidate will be appointed initially for one year (on contract) and the services will be extended for next year based on the performance review.

S No.	Position	Area of Specialization	Maximum Duration	Consolidated Salary	Number of Positions
1	JRF- Junior Research Fellow	Design, Development of Multi-Harmonics Tuned GaN HEMT Power Amplifier over Broadband	24 months	Rs. 31,000/- plus HRA as per norms	One (01)

Eligibility:

Educational Qualification:

BE/B.Tech in Electronics and Communication Engineering/Electronics Engineering/Electrical and Electronics Engineering and M. Tech. /MS(R)/M.E./equivalent in Electronics and Communication Engineering/Microwave circuit design/RFIC with expertise in RF and Microwave Engg. **The candidate must have qualified the GATE examination (old GATE score is also considered).** Candidates must have at least 7.5/10 CGPA or 60 percent marks in aggregate from a recognized institutes or universities as a full time program. Those who are appearing for M. Tech/ME last semester may also apply. Proof of M. Tech/ME certificate has to be provided during the time of interview. **These are the minimum eligibility criteria. The short-listing criteria may vary according to the number of applications received.**

Age: Age relaxation will be given as per DST norms.

Note: - The candidate would be entitled to register for Ph.D. course at NITK, Surathkal.

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Application Process:

Interested candidates must apply with the following documents: (1) Cover letter (2) Bio-data with passport-sized photograph, (3) Scanned copies of educational certificates and mark sheets, class XII onwards (4) GATE qualified certificate and (5) Scanned copies of Proof for research experience, special achievements and publications, if any. **The soft copies of all the above documents (pdf format) must be emailed to the Principal Investigator (Dr. Sandeep Kumar) on 24/01/2023 or before.** The email address for correspondence is given below. No TA/DA will be paid for attending the written test/interview. The appointment will be on a purely temporary basis co-terminus with the project. Candidates who are already employed should produce relieving certificate from their employers, if selected. **The shortlisted candidates with the date of written test/interview will be intimated by email only.**

Principal Investigator (PI) & Co-PI details:

PI: Dr. Sandeep Kumar, Assistant Professor, Dept. of E & C Engg., NIT Karnataka
Email: sandeep@nitk.edu.in

Co-PI: Prof. U Sripathi Acharya, Professor, Dept. of E & C Engg., NIT Karnataka

Address for Correspondence:

To,
Dr. Sandeep Kumar
Principal Investigator
E&C Engineering Department
NITK Surathkal, Mangalore-575025, India.
Mobile: +91-9654463102
Email: sandeep@nitk.edu.in

NOTE: 1. The email should be sent with subject line “Application for JRF under ISRO project with Advt No: NITK/ECE/02/ISRO-RESPOND/2023 dated 03rd January 2023

2. The application form is attached with this advertisement below pages 3 & 4.

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Application for the Position of Junior Research Fellow under ISRO

1. Post Applied for: JRF-Junior Research Fellow

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) Sex (Male/Female/Other): __ _

(c) Marital Status: Married/Single

(d) Category: SC/ST/OBC/PWD/Open

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

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

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

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

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

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

(b) Contact No (Mob): (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 if any (in years and use additional sheet if required)

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

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