



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

Advt. No.: NITK/ ECE/02/ISRO-RESPOND/2022

Dated: 09/03/2022

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 “**Programmable photonic microwave signal generation using on-chip spectral shaper for satellite communication**” supported by [Indian Space Research Organisation, 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	Programmable photonic microwave signal generation using on-chip spectral shaper for satellite communication	24 months	Rs. 31,000/- (Per month for two years) + HRA as per ISRO norms	One (01)

Eligibility:

Educational Qualification:

B.Tech/B.E./M.Tech./M.E./MS(R)/equivalent in Electronics and Communication Engineering/ Electronics Engineering/ Electrical Engineering/ Material Science & Engineering/Metallurgical and Materials Engineering/ Chemical Engineering/ Nanotechnology/ Optical Communication/Photonics/ Plasmonics/ Optics/ RF/ Microwave Photonics, VLSI/ Communication Engg., and related areas. Those who have M.Sc. degree in Electronics are also eligible. **The candidate must have qualified the GATE examination (old GATE score is also considered).** Candidates must have at least 6.5/10 CGPA or 60



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

percent marks in aggregate from a recognized technical institute or university as a full-time program. Proof of B.Tech/B.E./M.Tech./M.E./MS(R)/equivalent 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 limit: Not more than 28 Years. Age relaxation will be provided as per ISRO, GoI norms.

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

How to Apply/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. Mandeep Singh, Email id: mandeep.singh@nitk.edu.in) on or before 31th March 2022.** 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. Mandeep Singh, Assistant Professor, Department of E & C Engg., NIT Karnataka
PI Email: mandeep.singh@nitk.edu.in

Co-PI: Dr. Muralidhar Kulkarni, Professor (HAG), Department of E & C Engg., NIT Karnataka
PI Email: mkuldce@gmail.com

Address for Correspondence:

To,
Dr. Mandeep Singh
Principal Investigator, Depart. of E&C Engg.,
NITK Surathkal, Mangalore-575025, India.
Mobile: +919557523757
Email: mandeep.singh@nitk.edu.in

NOTE: The e-mail should be sent with subject-line **“Application for JRF under ISRO project with Advt. No.: NITK/ ECE/02/ISRO-RESPOND/2022 dated 09-March-2022**



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

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)

Paste here a
recent
Passport size
Photograph

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



Department of Electronics and Communication Engineering
NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL

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.