



Department of Electronics and Communication Engineering
NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA,
SURATHKAL, Mangalore-575025
Under Ministry of Education, Government of India



Advt. No.: NITK/ ECE/01/CSIR/2023

Dated: 03/07/2023

Advertisement for the Position of JRF Under CSIR Project

Applications are invited from interested and motivated candidates for the post of JRF to work on the R&D project titled “**Design and fabrication of on-chip vertical hybrid plasmonic waveguide based nanograting gas sensor**” supported by **Council of Scientific and Industrial Research - CSIR, Govt of India**. 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.

| Position & Age Limit | Essential Qualification | Maximum Duration | Consolidated Salary | Number of Positions |
|---|--|------------------|---|---------------------|
| JRF- 28 Yrs Age relaxation: 5 years in the case of candidates belonging to SC/ST/OBC/ Women & Physically handicapped | As per CSIR Guidelines for research schemes/ sponsored schemes/ Emeritus Scientist. Please refer to the CSIR-HRDG website: https://csirhrdg.res.in/ | 36 months | Rs. 31,000/- (Per month for 1 st & 2 nd years) ----- Rs. 35,000/- (Per month for 3 rd years) *as per CSIR norms | 1 |

Education Qualification:

B.Tech/B.E./M.Tech./M.E./MS(R)/equivalent in Electronics and Communication Engineering/ Electronics & Telecommunications / VLSI/ Communication Engg/ Signal Processing/ Instrumentation Technology / E&E / Computer Science & Engineering / Electronics / Telecommunication / Electronics & Control / Biomedical Engineering/Medical Electronics/Information Science/ Information Science and Engineering/Information Technology / Engineering Physics/ Material Science & Engineering/Metallurgical and Materials Engineering/ Optical Communication/Photonics/ Plasmonics/ Optics/ RF/ Radar Engg./Microwave Photonics/, and related areas. **Preference will be given to the GATE/ CSIR - UGC NET qualified students (old GATE score is also considered).**

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Candidates must have at least 55% 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)/ or 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.

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

Participating Institutes: University of York, United Kingdom; NITK Surathkal, INDIA; CSIR-CSIO Chandigarh.

How to Apply:

Interested candidates must apply with the following documents: (1) Bio-data with passport-sized photograph, (2) Scanned copies of educational certificates and mark sheets, class XII onwards (3) GATE/ NET qualified certificate , and (4) 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 August 2023. 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:

Dr. Mandeep Singh, Assistant Professor, Department of E & C Engg., NIT Karnataka

Email: mandeep.singh@nitk.edu.in

Address for Correspondence:

**Dr. Mandeep Singh
Principal Investigator and Assistant Professor
E&C Engg. Depart., NITK Surathkal
Mangalore-575025, India.
Mobile: +91-9557523757**

NOTE: The e-mail should be sent with the subject line “**Application for JRF under CSIR project**”

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Application for the Position of Junior Research Fellow under CSIR

1. Post Applied for: JRF-Junior Research Fellow

2. Name of the Candidate (BLOCK LETTERS):

3. Father's Name (BLOCK LETTERS):

4. Mother's Name (BLOCK LETTERS):

Paste here a
recent
Passport size
Photograph

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

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

(c) Marital Status: Married/Single

(d) Category: SC/ST/OBC/PWD/EWS/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.