



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

Advt. No.: NITK/ ECE/01/SERB-DST/2022

Dated: 25/02/2022

Advertisement for the Position of JRF

Applications are invited from the interested candidates for the post of JRF to work on the R&D project titled “**Nanophotonic porous-silicon based nanostructures for ultra-fast methanol sensing at room temperature**” supported by Science and Engineering Research Board (SERB), DST, New Delhi. 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	Nanophotonic porous-silicon based nanostructures for ultra-fast methanol sensing at room temperature	36 months	Rs. 31,000/- (Per month for 1 st & 2 nd years) + HRA as per SERB norms ----- Rs. 35,000/- (Per month for 3 rd years) + HRA as per SERB 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/ VLSI/ Communication Engg., Optical Sensors.

Applicant must be GATE/NET qualified. Those who have M.Sc. degree in Electronics and Gate qualified are also eligible. Candidates must have at least 6.5/10 CGPA or 60 percent marks in aggregate from a recognized technical institute or university as a full-time program. **Those who are**



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appearing for M. Tech/M.E./M.Sc. last semester may also apply. Proof of M. Tech/M.E./ M.Sc. certificate has to be provided during the time of interview.

Age limit: Not more than 30 Years. Age relaxation will be provided as per SERB-DST, 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.**

Address for Correspondence:

To,
Dr. Mandeep Singh
Principal Investigator and Assistant Professor
E&C Engineering Department
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 SERB project with Advt. No.: NITK/ ECE/01/SERB-DST/2022 dated 25-Feb-2022**



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Application for the Position of Junior Research Fellow under SERB

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)

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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.