



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

Advt. No.: 02/NITK/2021

Dated: 06/12/2021

**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 “**Development of Highly Conductive Ultrathin VS<sub>2</sub> Crystals for High-Performance Flexible Supercapacitors**” supported by Science and Engineering Research Board (SERB), DST, New Delhi. The selected candidate will be appointed for one year (on contract).

S No.	Position	Area of Specialization	Maximum Duration	Consolidated Salary	Number of Positions
1	JRF- Junior Research Fellow	Growth and Characterization of Electronic Materials and Devices	12 months	Rs. 31,000/- (Per month for two years) 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/ Electronics Engineering/VLSI with knowledge/expertise in growth and characterization of electronic materials and Devices. Those who have M.Sc. degree in Electronics are also eligible. The Graduate Aptitude Test in Engineering (GATE) qualification is desirable. 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 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 28 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.**



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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. Sushil Kumar Pandey, Email id: skpandey@nitk.edu.in) on or before 27<sup>th</sup> December 2021 and hard copies of all the documents should be send to the 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.**

**Address for Correspondence:**

To,  
Dr. Sushil Kumar Pandey  
Principal Investigator and Assistant Professor  
E&C Engineering Department  
NITK Surathkal  
Mangalore-575025  
India.

Mobile: +917052502636  
Email: skpandey@nitk.edu.in

**NOTE:** The envelope containing the application should be super scribed as “Application for the position of JRF under SERB project on “Development of Highly Conductive Ultrathin VS<sub>2</sub> Crystals for High-Performance Flexible Supercapacitors”.



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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)

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.