



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

Advt. No.:

Dated: 03/06/2020

**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 “**Design and Development of Automated Kidney Cancer Detection System from H&E Stained Kidney Histopathological Images**” supported by Science and Engineering Research Board (SERB), New Delhi. The selected candidate will be appointed initially for one year (on contract) and the services will be extended till completion of the project based on the performance review.

S No.	Position	Area of Specialization	Maximum Duration	Consolidated Salary	Number of Positions
1	JRF- Junior Research Fellow	Medical Image Processing/Image Processing/ Signal Processing	22 months	Rs. 31,000/- + (Per month) +HRA as per institute rules	One (01)

**Eligibility:**

**Educational Qualification:**

BE/B.Tech in Electronics and Communication Engineering/Electronics Engineering/Information Technology/Information Science Engineering/Computer Science and Engineering and M.Tech./MS(R)/M.E./equivalent in Electronics and Communication Engineering/Communication Engg/Signal and Image Processing with expertise in Medical Image Processing, Histopathology Image Processing, Machine and Deep learning, and Python Coding. 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. **Applicant must be GATE/UGC-NET qualified.** 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.

**Age limit: 28 years**



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

---

**Application Process:**

Interested candidates must apply with the following documents: (1) Cover letter (2) Filled Application Form (3) Bio-data with passport-sized photograph, (4) Scanned copies of educational certificates and mark sheets, class XII onwards (5) GATE score card and (6) Scanned copies of Proof for research experience, special achievements and publications, if any (7) Valid ID proof. **The soft copies of all the above documents (pdf format) must be emailed to the Principal Investigator (Dr. Shyam Lal) on or before 20<sup>th</sup> June 2020.** 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.**

**Address for Correspondence:**

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

Telephone: 0824-2473522  
Email: shyamfec@nitk.edu.in



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

**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):

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/Open

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

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

8. GATE/ UGC-NET details: 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



**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.