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

Advt. No.:   **Dated: 27/08/2019**

Advertisement for the Position of Junior Research Assistant (JRA)

Applications are invited from the interested candidates for the post of JRA to work on the R&D project titled "**Design and Development of Automated Colon Cancer Detection System from H&E Stained Histopathological Images**" supported by Visvesaraya Young Research Fellow (YFRF) of Digital India Corporation, MeitY, 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	JRA- Junior Research Assistant	Medical Image Processing/Image Processing/ Signal Processing	24 months	Rs. 15,000/- (Per month for first two years)	One (01)

Eligibility:
Educational Qualification:
BE/B.Tech in Electronics and Communication Engineering/Electronics Engineering/Information Technology/Information Science Engineering/Computer Science and Engineering or 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. **Preference will be give for GATE/ PGCET /UGC-NET qualified.** Those who are appearing for B.E/B.Tech/M. Tech/ME last semester may also apply. Proof of B.Tech/B.E/M. Tech/ME certificate has to be provided during the time of interview.
 Age limit: **25 years**

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/PGCET/UGC-NET 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 12th September 2019.** 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 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

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<u>Application for the Position of Junior Research Assistant under YFRF</u>

1. Post Applied for: JRA-Junior Research Assistant

2. Name of the Candidate (BLOCKLETTER):

3. Father's Name (BLOCKLETTER):

4. Mother's Name (BLOCKLETTER):

<table>
<tr><td>Paste here a recent Passport size Photograph</td></tr>
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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/PGCET details (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

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.