

**DEPARTMENT OF INSTRUMENTATION AND CONTROL ENGINEERING  
NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI – 620 015  
TEL: 0431 – 2503353, FAX: 0431 – 2500133**

**NITT/ICE/DST-SERB/JRF/2019**

**14<sup>th</sup> May 2019**

**ADVERTISEMENT**

Applications are invited from eligible candidates for position of **Junior Research Fellow (JRF)** post for **DST–ECR sponsored** research project titled “**Development of Differential Multimodal Spectral Imaging system to detect foot sole risk areas in Diabetic patients**” (Ref No: ECR/2015/00016) in the Department of Instrumentation and Control Engineering, National Institute of Technology, Tiruchirappalli.

**Temporary Position: Junior Research Fellow (JRF)**

**Number of post:** One

**Essential qualification:** M.E/ M.Tech in Biomedical Engineering, Medical Electronics, opto-electronic instrumentation, Embedded system, Electronics & Instrumentation Engineering, Instrumentation & Control Engineering, Control & Instrumentation Engineering, Electronics & Communication Engineering with minimum of 65% marks or 7.5 CGPA from recognized University/ Institute

**Salary (Consolidate):** Rs. 25,000 per month for one year

**Duration of Project:** 3 Years

**Age Limit** : 32 years

**Job Description** : 1. Develop GUI for real time acquisition and pseudo color mapping  
2. Extensive Data collection on diabetic subject from the hospital  
3. Testing and validate the performance of device with Std device  
4. Relevant hardware and software Experience like optoelectronics system  
Signal processing, GUI development application in Matlab, LabView

**Important Note** : VLSI specialization and Applied Electronics people are not eligible to apply.

1. Eligible candidates may send their applications on prescribed format along with Bio-Data and supporting documents by post/courier to **Dr. R.Periyasamy, Assistant Professor, Department of Instrumentation and Control Engineering, National Institute of Technology, Tiruchirappalli – 620 015** with a copy to email: **periyasamyr@nitt.edu** with the subject marked as “**JRF- DST ECR 2019**”. The last date for receipt of filled applications (hardcopy) on or before **27.05.2019**. The date of interview will be communicated for the shortlisted candidates by post/E-mail/phone.
2. **No T.A/D.A** will be paid for attending the interview.

**Dr. R. Periyasamy  
Principal Investigator**

**OFFICE OF THE DEAN (R & C), NIT, TIRUCHI**  
**RECRUITMENT OF TEMPORARY PROJECT STAFF -- APPLICATION**  
**FOR THE POST OF JUNIOR RESEARCH FELLOW (JRF)**

<p style="text-align: center;">For Office Use only</p> <p>Serial Number allotted to the Applicant          .....</p> <p style="text-align: center;">Signature of the Application Screening Committee Chairman</p>	<p>Paste here your          recent passport          size color          Photograph</p>
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**APPLICATION FOR THE POST OF JRF**

1. Name of the Candidate in full					
2. Nationality					
3. Mother Tongue					
4. Date of Birth	Date	Month	Year		
5. Sex	Male / Female				
6. Marital Status	Married / Single				
7. Category      SC / ST / OBC / General	Please specify				
8. Address for communication with Mobile number and E Mail ID					
9. Project Title					
10. Name of the Post applied for					
11. Advertisement Number with Date					
Academic Career : Enclose photo copies of the qualifying degree certificates and mark sheets/ grade cards showing the percentage of marks or CGPF from HSC onwards					
Name of Exam	School / University	Board/ University	Broad subjects of study	Year of Passing	% of marks / GCPA
S.S.L.C					
H.S.C					
Graduation					
Post-Graduation					
Any other					

Enclose self-attested Xerox copies

12. Valid GATE Score

.....Subject.....Year.....

13. Work Experience, if any

Organization	Designation	Duration		Nature of Job
		From	To	

14. Area of specialization details:

Area of specialization	Relevant work or project work done	Duration

15. Hardware and Software Proficiency:

16. Previous Research work and publication, if any (enclose copies of published or unpublished work)

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17. References

Name	Address	Phone & E Mail ID

18. **Declaration:** I do hereby that the information furnished in the application is true to the best of my knowledge and belief. If admitted, I shall abide by the rules and regulations of the Institute and Project associated to it. If any information furnished in this application is found to be untrue, I am liable to forfeit the seat / appointment allotted to me any time in future and legal action be taken against me.

Date:

**Full signature of the Applicant**

List of Enclosures: (1)

(2)