



National Institute of Technology Goa

(An Institution of National Importance under MHRD, Govt. of India)

Department of Electronics and Communication Engineering

Advt. No.: NITG/ECE/2019/M/1078

Dated: 20/06/2019

Advertisement for the Position of JRF

Applications are invited from the interested candidates for the post of Junior Research Fellow (JRF) to work on the R&D project titled “**Design and development of acoustic methods for early detection of stem and root borer Plocaederus spp infestation in cashew**” sanctioned by Science and Engineering Research Board (SERB), New Delhi. The staff will be appointed initially for one year (on contract) and their services will be extended for next year based on the performance review.

S No.	Position	Area of Specialization	Duration	Consolidated Salary	Number of Positions
1	JRF	M.Tech./MS(R)/M.E. in Signal Processing/ Applied Electronics/ VLSI/ Communications Systems/ Communications Engineering/ Control Systems/ Computer Science Engineering	3 years (Initially for the period of one year which may be extended)	Rs. 31,000/- + 8% HRA (Per month) for first two years Rs. 35,000/- + 8% HRA (Per month) for third year	01

Eligibility

1. M.Tech./MS(R)/M.E./equivalent in Signal Processing/ Applied Electronics/ VLSI/ Communications Systems/ Communications Engineering/ Control Systems/ Computer Science Engineering with strong background on signal and image processing with at least 6.5 CGPA or 60 percent marks in aggregate from a recognized technical institute or university as a full time program.

Objective of the Project

To investigate the acoustic behavior of stem and root borers in cashew. To design and develop an acoustic device to detect the early infestation of stem and root borers in cashew. To use thermal imaging concepts to identify the area of the infestation, feeding galleries and various bio-stages of stem borer. To field validate the detection performance of the acoustic device in early detecting the stem and root borers infestation in cashew.

Application Process

Application form (as given below) giving all the details and attested copies of certificates, supporting documents and experience should reach the undersigned latest by **July 26, 2019**. Candidates who are already employed should produce relieving certificate from their employers, if selected. The written test/interview will be conducted for all the eligible candidates. The applicants need to bring all the original documents for verification during written test/interview.



National Institute of Technology Goa

(An Institution of National Importance under MHRD, Govt. of India)

Department of Electronics and Communication Engineering

The list of shortlisted candidates will be posted in the NIT Goa website (www.nitgoa.ac.in) along with the date and time of the written test/interview.

Attention:

1. The applicant will be responsible for the authenticity of information, other documents and photographs submitted.
2. The Institute reserves the right to accept application at any time, and consider candidates of exceptional credentials without applications. Qualification and experience may be relaxed by the Institute at any point of time for otherwise exceptional candidates.
3. Mere, possessing the prescribed qualification does not ensure that the candidate would be called for Interview. The Candidates will be shortlisted on the basis of merit and need of the project.
4. Shortlisted Candidates will be informed by email (apart from website) about the interview date. So, the Candidate must provide valid E-mail IDs in their applications.
5. Shortlisted candidates have to present themselves for the interview on the interview date with updated CV and original and attested photocopies of mark sheets/ certificates in support of their academic qualifications.
6. Applicants in employment (private, government or any other organization) are required to submit a “No Objection Certificate” from the employer at the time of interview.
7. No TA/DA will be paid for appearing in the interview.
8. Bio-data format is being provided with this notification. The candidates are required to bring duly filled in bio-data format along with photocopies of required documents.
9. Last date for receiving the duly filled in application is **July 26, 2019**.
10. Intimation regarding written test/interview shall be posted on the Institute website.

Address for Correspondence

Dr. T. Veerakumar,
Associate Professor,
Department of Electronics and Communication Engineering
National Institute of Technology Goa,
Farmagudi, Ponda, 403401, Goa- India,
Telephone: 0832-2404204
Email: tveerakumar@nitgoa.ac.in
Website: www.nitgoa.ac.in

NOTE: The envelope containing the application should be super scribed as “**Application for the position of JRF under SERB project on Design and development of acoustic methods for early detection of stem and root borer *Placaederus* spp infestation in cashew**”.



National Institute of Technology Goa

(An Institution of National Importance under MHRD, Govt. of India)

Department of Electronics and Communication Engineering

Application for the Position of Project Associate under SERB

(**Project Title:** Design and development of acoustic methods for early detection of stem and root borer *Placaederus* spp infestation in cashew)

1. Post Applied for : JRF

2. Name of the Candidate (BLOCK LETTER):

3. Father's Name (BLOCK LETTER):

4. Mother's Name (BLOCK LETTER):

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

Paste here a recent Passport size Photograph



National Institute of Technology Goa

(An Institution of National Importance under MHRD, Govt. of India)

Department of Electronics and Communication Engineering

10. (a) Address for Communication: (BLOCK LETTER)

(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.