



National Institute of Technology Goa

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

Department of Electronics and Communication Engineering

Advt. No.: NITG/ADMIN/2017/OW/433

Dated: July 5, 2017

Advertisement for the Position of JRF/SRF

Applications are invited from the interested candidates for two posts of Junior Research Fellow/ Senior Research Fellow to work on the R&D project titled “**Smart City Surveillance using Decentralized Multi-camera Networks**” sanctioned by Science and Engineering Research Board (SERB), New Delhi. The staffs 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	Junior Research Fellow/ Senior Research Fellow	M.Tech./MS(R)/M.E. in Electronics/Communications Engineering/ Computer sciences with strong knowledge in C/C++/JAVA/Python and Image Processing/Networking	Initially for the period of one year which may be extended	Rs. 30,000/- (Per month) Consolidated	02 (two)

Eligibility:

1. M.Tech./MS(R)/M.E. in Electronics/Communications Engineering/ Computer sciences with strong knowledge in C/C++/JAVA/Python and Image Processing/Networking 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

Objective of this proposal is to develop an automated smart city surveillance system using decentralized camera networks where aim is to investigate and analyze both theoretically and experimentally to:

- Improve fully decentralized approaches which will increase the adaptivity and robustness of the surveillance system in decentralized multi-camera network as compared to a static approach based on the priori known vision graph, which is not required a centralized component for smart city design.
- Perform track-to-measurement association for a time-varying number of targets with higher accuracy which usually incurs much higher costs, whose reduction is an important open problem to be addressed in multi-camera networks for smart city design.

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 **August 16, 2017**. 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. 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.



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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 **August 16, 2017**.
10. Intimation regarding written test/interview shall be posted on the Institute website.

Address for Correspondence

Assistant Registrar,
National Institute of Technology Goa,
Farmagudi, Ponda, 403401
Goa- India,
Telephone: +918981744131, 0832-2404204
Email: subudhi.badri@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/SRF under SERB project on Smart City Surveillance using Decentralized Multi-camera Networks**”.



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Application for the Position of Project Associate under SERB

(Project title: Smart City Surveillance using Decentralized Multi-camera Networks)

1. Post Applied for : Junior Research Fellow/ Senior 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/ 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.