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Advt. No. IIITA/ECE/ICPS/01/Nov/ 2019   **Dated - 01/11/2019**

Advertisement for the Post of Junior Research Fellow (JRF) (On Contract) under the Cyber Security (CS) Research of Interdisciplinary Cyber Physical System (ICPS) Project

Applications are invited for the post of Junior Research Fellows (JRFs) (on contract) under the Cyber Security (CS) Research of Interdisciplinary Cyber Physical Systems (ICPS) programme project entitled **"Low Power High Speed True Random Number Generator for Cryptographic and Security Application"** in reference to the sanction letter DST/ICPS/Cluster/CS Research/2018 dated: 13.03.2019 by Department of Science & Technology, Ministry of Science and Technology, New Delhi-110016. The duly completed application on prescribed format along with copies of supporting documents must reach to **Dr. Manish Goswami**, **Department of Electronics and Communication Engineering, Room No. 2106, Computer Centre – 1, Indian Institute of Information Technology Allahabad, Devghat, Jhalwa, Prayagraj (Allahabad), Uttar Pradesh, India 211015 on or before 24/11/2019.** The envelope should be super scribed as **"Application for the post of Junior Research Fellow (JRF) (on contract) in the ICPS project - Low Power High Speed True Random Number Generator for Cryptographic and Security Application"**. A soft copy of the application should also be sent to manishgoswami@iiita.ac.in (Principal Investigator of the project) with the same subject.

Title of the Project: Low Power High Speed True Random Number Generator for Cryptographic and Security Application

Name of the Position: Junior Research Fellow (JRF) on contract

Number of Position: 02 (two)

Project Duration : Three (03) Years

Age Limit: Maximum 35 Years as on 24/11/2019.

Essential Qualifications: M.E/M.Tech in Microelectronics/ VLSI/Electronics and Communication Engineering/ or equivalent.

Desirable Qualifications: A GATE/NET or similar other national level ranking along with good hands on circuit simulation software and HDL language

Fellowship: 25,000/- pm (Fixed) + HRA (as per DST Norms)

Note(s)
1. The selected candidate should visit different research centres in India as and when required.
2. The applicant will be responsible for the authenticity of information, other documents and photographs submitted.

3. 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 at any point of time for exceptional candidates.

4. 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.

5. Shortlisted Candidates will be informed by e-mail about the interview date. So, the candidate must provide valid E-mail IDs in their applications.

6. 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.

7. 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.

8. No TA/DA will be paid for appearing in the interview.

9. The first and foremost responsibility of the candidate is to fulfil the jobs' requirements to complete the above mentioned project in timely manner.

10. The association between PI and the candidate can be discontinued at any time by giving one month's notice in writing either by the PI of the project to candidate, or by candidate to the PI of the project.

11. Candidate selected for this position can also apply for the regular PhD program in ECE Department, provided they satisfy the eligibility criterion followed by selection process laid down by the institute.

12. After qualifying the PhD admission / selection test, the candidate may register as regular PhD scholar and eligible to draw the fellowship and other allowances as per the Institute rules.

13. This appointment will be purely contractual. Initially appointment will be for first one year. It will be renewed for another year or till the end of project whichever is earlier based on the performance of the candidate and recommendation of the selection/review committee.

14. Hostel accommodation may be provided as per Institute rules.

Dr. Manish Goswami

Principal Investigator (PI) - Low Power High Speed True Random Number Generator for

Cryptographic and Security Application

Department of Electronics and Communication Engineering

Indian Institute of Information Technology Allahabad, Prayagraj-211015 (U.P.) – India.

Advt. No. IIITA/ECE/ICPS/01/Nov/ 2019

APPLICATION FORM

Dated…………………

Research Project Entitled: Low Power High Speed True Random Number Generator for Cryptographic and Security Application
File No. : DST/ICPS/Cluster/CS Research/2018 dated: 13.03.2019
Funding Agency: ICPS Division, Department of Science & Technology, Ministry of Science and Technology, New Delhi
Name of P.I.: Dr. Manish Goswami
Name of position: Junior Research Fellow (on contract)
Department/Section: Electronics and Communication Engineering

1. Name of the Candidate (In Capital):

2. Sex (Male/Female):

3. Marital Status (Married/Unmarried):

4. Date of Birth:

5. Age (as on last date of application): _____Years _____Months _____Days

6. Father's/Husband's Name:

7. Present/Contact Address:

8. Permanent Address:

9. Mobile No:

10. E-mail:

11. Nationality:

12. Category Gen/SC/ST/OBC/PH:
13. GATE/NET

Branch	Year	Valid up to	Percentile (& Score)	All India Rank

14. Educational Qualification (10th onward):

Qualification	Subject/Discipline	Board/Institute/Univ.	Year of passing	% of marks	Division
10th					
12th					
Diploma, if any					
B.E./B.Tech					
M.E./M.Tech					

15. Summary of M.E/M.Tech Thesis (Maximum 150 words): *Enclose a separate sheet*
16. Research Publications (Maximum Best 5): *Enclose a separate sheet*
17. Details of Experience in chronological order. *Enclose a separate sheet*
18. Any other information: *Enclose a separate sheet*
19. Indicate whether you propose to register for higher degree at IIITA, Allahabad: Yes/No
    (Name of higher degree is Ph.D.)

DECLARATION

I hereby declare that all the statements made in this application are true and complete and nothing has been concealed/ distorted. I am aware that, if at any time I am found to have concealed/distorted any material information, my engagement is liable to be summarily terminated without notice.

Place: Signature of the Applicant
Date:

Checklist-
1. Self-attested copy of documents
2. Proof of Date of Birth
3. Mark sheets & certificates of all the examination passed
4. Category Certificate, if applicable
5. GATE/NET score card, if passed
6. Experience certificate, if any