

Details of the JRF Position (On Contract) under project “Physical Layer Security in Cooperative Cognitive Relay Networks”

Title of the Project: Physical Layer Security in Cooperative Cognitive Relay Networks (ECR/2017/000104)

Name of Position: Junior Research Fellow (JRF)(On Contract)

Number of Position: 01 (one)

Project Duration : Two and Half (2.5) Years, Completion Date: 09/06/2020

Age Limit: Maximum 35 Years as on 13/12/2017.

Essential Qualifications: M.E/M.Tech in Electronics/Electrical with specialization in Wireless Communication or equivalent.

Desirable Qualifications: (i) A GATE/NET or similar other national level ranking.

(ii) Knowledge of Random Variable Theory and Convex Optimization.

(iii) Exposure of MATLAB programming and **SOFTWARE DEFINED RADIO (SDR)**.

(iv) The preference may be given to the candidates who published papers in reputed Journals/Conferences.

Fellowship: 25,000/- pm (as per DST norms)

Note(s)

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 at any point of time for exceptional candidates.
3. 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.
4. No TA/DA will be paid for appearing in the interview.
5. The first and foremost responsibility of the candidate is to fulfil the jobs’ requirements to complete the above-mentioned project in timely manner.
6. This position is purely contractual, and initial offer will be given only for 1 year which can be further extended after evaluating the candidate performance, at the end of the year.
7. 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.
8. 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.
9. After successfully qualifying the PhD admission / selection test the candidate may get opportunity to register as regular PhD scholar at IITA, and eligible to draw the fellowship and other allowances as per the Institute rules.

Dr.Suneel Yadav

Principal Investigator (PI)

Note: All interested candidates may also appear for the post of JRF under project title “Physical Layer Security in Cooperative Cognitive Relay Networks (F. No. ECR/2017/000104)” on the date of PhD interview for Communication and Signal Processing Specialization in the ECE Department, IIT Allahabad.