Department of Electronics and Communication Engineering

Indian Institute of Information Technology Allahabad

Prayagraj 211015 (UP) India

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Advt. No. Advt. No. IIITA/ECE/TTDF_6G_214/01/2026   **Dated - 06/02/2026**

Advertisement for the JRF Position in the DoT-TTDF Sponsored Project (TTDF/6G/214)

Applications are invited from eligible candidates as a Junior Research Fellow (JRF) to work on the following project sponsored by DoT-TTDF (**TTDF/6G/214**) under the supervision of Dr. Suneel Yadav and Dr. Radhika Gour, Department of ECE, IIIT Allahabad (**An Autonomous Institute under MHRD, Govt. of India**). **The duration of the position extends for a maximum of three years**. The candidates can be enrolled in the Ph.D. program as per the institute norms. The details related to the project are as follows:

Project Title	Design and Analysis of a Semantic Learning-Based Architecture for End-to-End Communication with Resource Management
About the Project	This project aims to develop a semantic learning-based communication framework for efficient end-to-end data transmission and resource management in next-generation networks. By leveraging AI-driven techniques, it will enhance context-aware processing, optimize resource allocation, and improve network efficiency and adaptability, contributing to the advancement of 6G and intelligent wireless systems.
Number of Positions	01 (one)
Investigators	Dr. Suneel Yadav & Dr. Radhika Gour
Fellowship	As per the DST norms.
Essential Qualifications	Candidates must have M.Tech/ M.S./M.E. or equivalent in ECE (Electronics and Communication Engineering)/CSE (Computer Science and Engineering)/IT (Information Technology) degrees or equivalent. They must also have B. Tech/ B.E./M.Sc. in ECE/CSE/IT or equivalent. *Non-GATE/NET candidates are also encouraged to apply.* **Candidates with a qualified GATE/NET score in the relevant area for the JRF position will be preferred.*
Desirable Qualification:	Basics of wireless communications and machine learning. Coding Skills: MATLAB/Python
Application Deadline	8th March 2026
Date of Interview	Shortlisted Candidates will be informed by e-mail about the written/interview date. So, the candidate must provide valid Email IDs in their applications. No TA/DA will be provided for attending the written/interview.

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. Mere possession of the prescribed qualification does not ensure that the candidate will be called for an Interview. The Candidates will be shortlisted based on merit and need of the project.

4. 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.

5. The first and foremost responsibility of the candidate is to fulfil the job's requirements to complete the above-mentioned project in a timely manner.

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

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

8. After qualifying the PhD admission/selection test, the candidate will be registered as a regular PhD scholar and eligible to draw the fellowship and other allowances as per the Institute rules.

9. Hostel accommodation may be provided as per the Institute's rules.

10. **Candidates are requested to fill in the form in Annexure-I (attached below) and email it to suneel@iiita.ac.in and cc it to radhika@iiita.ac.in with the subject line "Application for the JRF position in the DoTT-TTDF sponsored project (TTDF/6G/214)" on or before 8th March 2026.**

Dr. Suneel Yadav

Project Investigator

Department of Electronics and Communication Engineering

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

Department of Electronics and Communication Engineering
Indian Institute of Information Technology Allahabad
Prayagraj 211012 (UP), India

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Advt. No. IIITA/ECE/TTDF_6G_214/01/2026

APPLICATION FORM

Advt. No………………………   **Dated…………………**

Research Project Entitled: "Design and Analysis of a Semantic Learning-Based Architecture for
                End-to-End Communication with Resource Management"
File No. :   **TTDF/6G/214**
Funding Agency: TTDF, Department of Telecommunications (DoT)
Name of project investigators.:   Dr. Suneel Yadav & Dr. Radhika Gour
Name of position: Junior Research Fellow (on contract)
Department/Section: Department of 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, if any (Maximum Best 5): *Enclose a separate sheet*
17. Details of Experience in chronological order, if any. *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 examinations passed
4. Category Certificate, if applicable
5. GATE/NET score card, if passed
6. Experience certificate, if any