Advertisement No. : NITS/Dean(R&C)/ECE./689/01/2026   **Date: 04.02.2026**

Applications are invited from Indian citizens for temporary post of **Junior Research Fellow (JRF)** under accelerated research for 6G ecosystem - TTDF scheme/DoT in the Department of **ECE**, NIT Silchar.

Title of the project	**TARANG: Design of Terahertz Wireless Communications Systems for 6G**
Description of the project:	The project intends to develop enhanced hardware technologies to combat propagation loss and application of AI to develop low-complexity beam training and resource management.
Sponsored Agency	**TTDF/DoT, Govt. of India.**
Project sanction number	Three years or till the closure of the project whichever is earlier. Performance evaluation will be done each year.
No. of posts	**01 (one)**
Duration	03 years or completion of project, whichever is earlier (extension based on performance review every 12 months)
Principal Investigator (P.I)	**Dr. Sucharita Chakraborty**, Assistant professor, Department of Electronics and Communication Engineering, National Institute of Technology Silchar, Assam-788010.

General Information and Terms & Conditions

1.	Age Limit	**35 years (as of closing date of application, 15.02.2026)**
2.	Essential Qualification	**JRF: M. Tech./M.E**. degree in **ECE/EE/E&I**, with/without valid **GATE/NET,** with a minimum of 60% aggregate marks or 6.5 CGPA at both UG and PG for GEN/ GEN-EWS/ OBC-NCL category and minimum 55% aggregate marks or 6.0 CGPA at both UG and PG for SC/ ST/ PwD category.
3.	Desirable Experience	**JRF:** A solid understanding of digital communication, probability theory, optimization, and wireless communications is crucial. Experience with programming languages and simulation tools such as MATLAB or Python.
4.	Salary (per month)	**JRF: INR. 37,000/-**+HRA (with and without GATE/NET) * JRF will promoted to SRF after successful completion of two years.
5.	Relaxation on qualification and age	SC/ST/OBC/WOMEN/PWD/EWS candidates will get relaxation as per Govt. of India Rules.
6.	Last date of receiving of filled application form	**21.02.2026@11.59pm**
7.	Reporting	Applicants are also requested to send the soft copy of the duly filled application along with C.V. and all documents through email sucharita@ece.nits.ac.in with the subject as "**Application for the post of JRF under the project TARANG/TTDF/6G/461**" on or before **21.02.2026**.For any enquiry, contact Email ID: sucharita@ece.nits.ac.in.
8.	Date of interview, time, and venue	Interview date and mode (online/ offline) with other details will be duly notified through email.
9.	No objection certificate	Employed candidates are to submit a no-objection certificate from his / her employer at the time of the interview.
10.	Institute right	The Institute has the discretion to restrict the number of candidates to be shortlisted for the interview based on screening. No candidate may be recruited if suitable candidates are not found.
11.	Signing of the agreement	Selected candidates shall have to sign an agreement at the time of joining.

Sd/-
Associate Dean (R&C),
NIT Silchar.

APPLICATION FOR THE POSITION OF JRF UNDER ACCELERATED RESEARCH FOR 6G ECOSYSTEM - TTDF SCHEME/DoT

Advt. No. :

(Please enclose a copy of bio-data/ resume/ curriculum-vitae)

Paste recent passport size colored photograph	

1. **Name of the candidate**

2. **Father's name**

3. **Date of birth (DD/MM/YYYY)***

4. **Sex**   Male/ Female

5. **Marital status**   Single/ married

6. **Category***   OC/OBC/SC/ST

7. **Educational qualifications***

Degree	Specialization/ subjects	Board/ University	Year of passing	Class	Percentage/ CGPA
SSC					
Intermediate					
B.Sc./ B.E./ B. Tech					
M.Sc./ M.Tech.					
Ph.D.					

8. **GATE/ NET/ ICMR/ DBT-SRF score earned/ qualified***

Score	Year appeared	Score	All India rank
GATE/ NET/ mention			

9. **Research/Industrial/Teaching experience***

Sl. No.	Organisation/ industry served	Date/ Month of entry	Date/ Month of leaving	Months/ Years of experience

10. **Publications/ conference participations***

11. **Any other relevant information**

Declaration

I ………………………………… hereby declare that all statements made in this application are true, complete and correct to the best of my knowledge and belief. In the event of the information being found false or incorrect or any ineligibility being detected before or after the selection, my candidature is liable to be cancelled. I confirm, that I am available for ONLINE interview, if necessary.

Date: Signature of the candidate

* Submit soft copies of the supporting documents