



**ELECTRONICS AND COMMUNICATION
ENGINEERING DEPARTMENT**
Motilal Nehru National Institute of Technology, Allahabad
Prayagraj-211004 (India)

Advertisement No-24/R & C/2025-26

Dated-29/04/2025

Advertisement for the Post of JRF (On Contract)
Walk In Interview

Applications are invited from Indian nationals for the post of JRF (on contract) in research project entitled **“Prototyping of Smart Antenna with Efficient Spectrum Management Features using Machine Learning Techniques for 6G Communication System”** sanction letter no. **30-131/2023-TTDF dated 23-08-2024**, sponsored by TCOE India, DoT. The duly completed application (soft copy in Pdf) on prescribed format along with scanned copies of supporting documents must reach to email id: **anandsharma@mnnit.ac.in** (email id of Dr Anand Sharma, Electronics and Communication Engineering Department) with the subject of the email as **“Application for JRF (on contract)”** on or before 21/05/2025, 05:00 PM (IST).

Description and Objectives of the Project: The project is aimed at design and development of dielectric resonator antenna with spectrum efficient features for 6G communication system. The main objective of proposed project is to design MIMO antenna with efficient spectrum utilization in mm-wave and sub-6.0 GHz range invited from Indian nationals for the post of JRF (on contract) in research project entitled **“Prototyping of Smart Antenna with Efficient Spectrum Management Features using Machine Learning Techniques for 6G Communication System”** sanction letter no. **30-131/2023-TTDF dated 23-08-2024** sponsored by TCOE India, DoT.

The duly completed application (soft copy in pdf) on prescribed format along with scanned copies of supporting documents must reach to email id: **anandsharma@mnnit.ac.in** (email id of Dr Anand Sharma, Electronics and Communication). The position is purely temporary, co-terminus with the project and will be governed by the Project Guidelines of TCOE Indian and rules & regulations of Motilal Nehru National Institute of Technology Allahabad, Prayagraj, Uttar Pradesh.

Number of Position : 1 (One)

Essential Qualifications: B.E./B.Tech in Electronics Engineering/Electronics and Communication Engineering in First Division with NET/GATE or M.Tech./M.E.in Electronics Engineering/Electronics and Communication Engineering in First Division both at B.Tech and M.Tech
Desirable Experience: One year research experience in related area.

Fellowship : Rs. 37,000.00+HRA per month (Consolidated)

Other Benefits : Accommodation may be available as per the availability and the Institute norms. Candidate selected for the JRF may register for Ph.D. if eligibility conditions as set by institute is met by him/her. Facility of yearly leave, carryover leave, medical benefits etc. may be available as per applicable rules of the project staff

Age Limit : 28 years on the last date of application (The upper age limit is relaxable up to 5 years in the case of candidates belonging to SC/ST/OBC/PH and women candidates)

Tenure of Appointment: Appointment will be made on contract basis for a period of one year initially, which may be extended depending on the performance evaluation on yearly basis till the end of project.

Note:

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.
3. Qualification and experience may be relaxed by the Institute at any point of time for otherwise exceptional candidates. 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 e-mail 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, publications if any 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.

Name of Principal Investigator : Dr. Anand Sharma
Designation : Assistant Professor
Department : Electronics and Communication Engineering



**OFFICE OF THE DEAN (RESEARCH AND
CONSULTANCY) MOTILAL NEHRU NATIONAL
INSTITUTE OF TECHNOLOGY**
Allahabad – 211 004 (India)
Website: <http://www.mnnit.ac.in>

For office use only

Application No.....

APPLICATION FORM

Advt.No.....

Dated.....

Research Project Entitled	Prototyping of Smart Antenna with Efficient Spectrum Management Features using Machine Learning Techniques for 6G Communication System	Self Attested recent passport size Photograph
Funding Agency	TCOE, India	
Name of P.I.	Dr. Anand Sharma	
Name of Position	JRF	
Department/Section	Electronics & Communication Engineering	

1.	Name of the Candidate (In Capital letter)	
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/State	
12.	Category	Gen/SC/ST/OBC/PH _____ (enclosed attested copy of certificate) and women
13.	NET/GATE	Valid up to _____ Score/Rank _____
14.	Educational Qualification	

Qualification	Subject/Discipline	Board/Institute/Univ.	Year	% of marks	Division
10th or equivalent					
12th or equivalent					
Diploma, if any					
BA/B.Sc./B.E./B.Tech.					
M.A./M.Sc.					
M.Phil./M.E./M.Tech*					
Ph.D*					

*Title of M.E./M.Tech.

Thesis.....

15.	Details of Experience in chronological order. Enclose a separate sheet duly authenticated under your signature if necessary						
	Organization	Position	Salary/Emoluments	Nature of Duties	Nature of appointment	Period of Experience Year Month Days	
16.	Research Publications (Attach list):-				Numbers :		
	SCI Journals :						
	Non SCI Journals :						
	International Conference/Seminar ./ Symposium Proceeding :						
	National Conference/Seminar ./Symposium Proceeding :						
17.	Any other information						
18.	Indicated whether you propose to register for higher degree* at MNNIT, Allahabad. Yes/No (Name of higher degree is Ph.D.)						

Note:- *Those candidates who wish to be admitted as student for higher degree must fulfill at least the minimum eligibility for the respective admission as available on the Institute website.

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:

Date:

(Signature of the Applicant)

Enclosure- Self attested copy of documents

1. Proof of Date of Birth
2. Mark sheets & certificates of all the examination passed
3. Category Certificate, if applicable
4. NET/GATE score card, if passed
5. .Experience certificate, if an