



सूक्ष्म कणिका एवम संचार अभियांत्रिकी विभाग
मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान, इलाहाबाद
प्रयागराज - 211004 (भारत)
**ELECTRONICS AND COMMUNICATION ENGINEERING
DEPARTMENT**
Motilal Nehru National Institute of Technology, Allahabad
Prayagraj-211004 (India)

Advertisement No- 383/ECED/F-66

Dated-14.07.2026

Advertisement for the Post of Junior Research Fellow (On Contract)
Walk In Interview

Applications are invited from Indian nationals for the post of Junior Research Fellow (On Contract) in research project entitled “**Dynamic Network Slicing for Semantic-Aware 6G Edge Computing and IoT Systems**” sanction letter no. **ANRF/ECRG/2025/003076/ENS** dated 29/06/2026 sponsored by Anusandhan National Research Foundation (ANRF). The selected candidate will work on cutting-edge research focusing on AI-native network architectures, semantic communications, edge intelligence, and resource orchestration. The project will involve the design and optimization of intelligent network slicing frameworks using Artificial Intelligence (AI), Deep Learning (DL), Graph Neural Networks (GNNs), and federated learning to enable efficient, adaptive, and QoS/QoE-aware service provisioning for heterogeneous IoT applications. Research activities will include theoretical analysis, algorithm development, MATLAB/Python simulations, AI-driven optimization, and experimental validation of semantic-aware edge computing and 6G networking solutions. The successful candidate will have the opportunity to contribute to high-impact research publications and develop expertise in emerging AI-native 6G communication, edge intelligence, semantic networking, and next-generation IoT technologies. The duly completed application (soft copy in any form) on prescribed format along with scanned copies of supporting documents must reach to email id: **sachink@mnnit.ac.in** (email id of Dr. Sachin Kadam, Department of Electronics and Communication Engineering) with the subject of the email as “Application for JRF (on contract)” on or before 15/08/2026, 05:00 PM (IST). The position is purely temporary, co-terminus with the project and will be governed by the project guidelines of Anusandhan National Research Foundation (ANRF), New Delhi and rules & regulations of Motilal Nehru National Institute of Technology Allahabad, Prayagraj, Uttar Pradesh.

Number of Position	:	1 (One)
Essential Qualifications	:	(i) M.E./M.Tech. in Electronics Engineering or allied relevant branches and GATE qualified. (ii) B.E./B.Tech. in Electronics and Communication Engineering and GATE qualified.
Fellowship	:	Rs. 37,000.00 per month + 20% HRA for 1 st and 2 nd year and Rs. 42,000 + HRA @ 20% per month for 3 rd year
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 [M.E./M.Tech. in relevant branch of Engineering with minimum of 60% marks or CPI 6.5 (In case of SC/ST/PWD marks not below 55% or CPI 6.0) or B.E./B.Tech. in relevant branch of Engineering with minimum of 70% marks or CPI 7.5 (In case of SC/ST/PWD marks not below 65% or CPI 7.0)] is met by candidate. - Facility of yearly leave, carryover leave, medical benefits etc. may be available as per applicable rules of the project staff
Age Limit	:	As per the ANRF guidelines.
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.
Duration of the Project	:	03 Years

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. Sachin Kadam
Designation : Assistant Professor
Department : Electronics and Communication Engineering
Institute Address : Motilal Nehru National Institute of Technology Allahabad, Prayagraj,
India-211004



अधिष्ठाता (शोध एवं परामर्श) कार्यालय
मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान
इलाहाबाद – 211004 (भारत)

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: 383/ECED/F-66

Dated: 14.07.2026

Research Project Entitled	Dynamic Network Slicing for Semantic-Aware 6G Edge Computing and IoT Systems					Self Attested recent passport size Photograph
Sanction Letter & Date	ANRF/ECRG/2025/003076/ENS, Dated 29 June 2026					
Funding Agency	Anusandhan National Research Foundation (ANRF), New Delhi					
Name of P.I.	Dr. Sachin Kadam					
Name of Position	Junior Research Fellow (On Contract)					
Department/Section	Electronics and 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 fulfil 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
6. List of Research Publications (Journals and Conferences), if any.