



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- 707/ECED/F-66/25

Dated-16.09.2025

Advertisement for the Post of Senior Research Assistant (SRA) (On Contract)
Walk In Interview

Applications are invited from Indian nationals for the post of SRA (on contract) in research project entitled “Advanced Hybrid Photovoltaic and Triboelectric-Powered System for VOC Detection: Real-Time Healthcare Monitoring with Machine Learning and Cutting-Edge Sensing Materials” sanction letter no. CST/E&T/ D-1119 dated 22/08/2025 sponsored by Council of Science & Technology U.P. The duly completed application (soft copy in any form) on prescribed format along with scanned copies of supporting documents must reach to email id: deepakpunetha@mnnit.ac.in (email id of Dr. Deepak Punetha, Electronics and Communication Engineering Department) with the subject of the email as “Application for SRA (on contract)” on or before 06/10/2025, 05:00 PM (IST).

Description and Objectives of the Project: The project is aimed at the design and development of an advanced hybrid photovoltaic and triboelectric-powered system for real-time volatile organic compound (VOC) detection in healthcare monitoring applications. The main objective of the proposed project is to develop a self-powered, highly sensitive sensing platform by integrating photovoltaic and triboelectric nanogenerators with cutting-edge sensing materials, further enhanced through machine learning algorithms for accurate and reliable data interpretation. Applications are invited from Indian nationals for the post of RA (on contract) in the research project entitled “Advanced Hybrid Photovoltaic and Triboelectric-Powered System for VOC Detection: Real-Time Healthcare Monitoring with Machine Learning and Cutting-Edge Sensing Materials” sanction letter no. CST/E&T/D-1119 dated 22/08/2025 sponsored by CST, UP.

The duly completed application (soft copy in any form) on prescribed format along with scanned copies of supporting documents must reach to email id: deepakpunetha@mnnit.ac.in (email id of Dr. Deepak Punetha, Electronics and Communication Engineering Department). The position is purely temporary, co-terminus with the project and will be governed by the Project Guidelines of Council of Science & Technology, Uttar Pradesh 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/M.Tech./M.E. in Electronics Engineering/Electronics and Communication Engineering. Desirable Experience: One year research experience in related area. |
| Fellowship | : Rs. 28,000.00 per month (Consolidated) |
| Other Benefits | : Accommodation may be available as per the availability and the Institute norms. Candidate selected for the JRA/SRA 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. Deepak Punetha
Designation : Assistant Professor
Department : Electronics and Communication Engineering



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: 707/ECED/F-66/25

Dated.....

Research Project Entitled	Advanced Hybrid Photovoltaic and Triboelectric-Powered System for VOC Detection: Real-Time Healthcare Monitoring with Machine Learning and Cutting-Edge Sensing Materials	Self Attested recent passport size Photograph
Sanction Letter & Date	Sanction order no.: CST/E&T/D-1119, Dated 22/08/2025	
Funding Agency	Council of Science & Technology U.P.	
Name of P.I.	Dr. Deepak Punetha	
Name of Position	Senior Research Assistant (SRA)	
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 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