रसायन विभाग
मोतीलाल नेहरु राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद, प्रयागराज-211004

Department of Chemistry
Motilal Nehru National Institute of Technology Allahabad, Prayagraj -211004

Advertisement No. 78/Chem/2026-27 Dated- 28/08/2026

Advertisement for the Post of Junior Research Fellow (JRF) or Project Associate-I On CONTRACT

Applications are invited from Indian nationals for the post of Junior Research Fellow (JRF) or Project Associate-I (on contract) in research project entitled "***Smartphone-Integrated Quantum Dot Fluorometric Biosensor for Rapid On-Site Detection of Helicobacter pylori***" funded by Prime Minister Early Career Research Grant (PMECRG)-Anusandhan National Research Foundation (ANRF) for 3 years. The position is purely temporary and will be governed by the funding agency rules and service conditions of Research & Consultancy Cell, MNNIT Allahabad.

Project File no.	(ANRF/ECRG/2025/002671/CS)
Project Title	*Smartphone-Integrated Quantum Dot Fluorometric Biosensor for Rapid On-Site Detection of Helicobacter pylori*
Number of Position	01
Essential Qualifications	• PG degree with minimum 60% marks or 6.5 CGPA for GN/OBC (55% for SC/ST/PH) from UGC recognized University/ Institute including autonomous bodies. • GATE/CSIR-UGC NET/GPAT qualified.
Salary	Junior Research Fellow (GATE/CSIR-UGC NET/GPAT qualified) - Rs. 37,000 per month + 20% HRA. = Rs. 44,400 (For first two years) - Rs. 42,000 per month + 20% HRA. = Rs. 50,400 (From 3rd year) Or Project Associate-I (if not qualified GATE/CSIR-UGC NET/GPAT) - Rs. 30,000 per month + 20% HRA. = Rs. 36,000 (For first two years) - Rs. 33,000 per month + 20% HRA. = Rs. 39,600 (From 3rd year)
Other Benefits	Candidate selected for the Junior Research Fellow may register for Ph.D. if eligibility conditions as set by institute is met by him/her.
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	One year. Extendable on performance basis up to 3 years.
Desirable Qualifications (Not Mandatory)	• Highly motivated towards research with a strong eagerness to learn new techniques. • Prior experience with materials and/or drug/chemical delivery research.
How to Apply	• The duly completed application on prescribed format along with copies of supporting documents must reach to: Research & Consultancy Cell, Motilal Nehru National Institute of Technology Allahabad, Prayagraj-211004 on or before 15/09/2026. The envelope should be superscripted as "Application for the post of Junior Research Fellow (JRF) or Project Associate-I (on contract) in the Research Project "Smartphone-Integrated Quantum Dot Fluorometric Biosensor for Rapid On-Site Detection of Helicobacter pylori" • A soft copy of the application should also be sent to Dr. Soumyadipta Rakshit, Assistant Professor, Department of Chemistry & Principal Investigator through email srakshit@mnnit.ac.in.

Note:

[1] The applicant will be responsible for the authenticity of information, other documents and photographs submitted.

[2] The institute reserves the right to reject application at any time and consider candidates of exceptional credentials without applications.

[3] 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 Email 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.

Principal Investigator: Dr. Soumyadipta Rakshit, Assistant Professor, Department of Chemistry, MNNIT Allahabad.
Email: srakshit@mnnit.ac.in

अधिष्ठाता (शोध एवं परामर्श) कार्यालय
मोतीलाल नेहरु राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद
प्रयागराज– 211004 (भारत)
OFFICE OF THE DEAN (RESEARCH AND CONSULTANCY)
MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY ALLAHABAD
Prayagraj – 211 004 (India)
Website: http://www.mnnit.ac.in

For office use only

Application No……. Dated……

APPLICATION FORM

Advertisement No. 78/Chem/2026-27 Dated- 28/08/2026

Research Project Entitled	Smartphone-Integrated Quantum Dot Fluorometric Biosensor for Rapid On-Site Detection of Helicobacter pylori	Self-Attested recent passport size Photograph
Sanction letter & Date	ANRF/ECRG/2025/002671/CS & 03/06/2026	
Funding Agency	Anusandhan National Research Foundation (ANRF)	
Name of P.I.	Dr. Soumyadipta Rakshit	
Name of position	Junior Research Fellow (On Contract) Or Project Associate-I (On Contract)	
Department/Section	Department of Chemistry	

1.	Name of the Candidate (In Capital letters)	
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 _____(enclose Self-attested copy of certificate) and women
13.	GATE/CSIR-UGC NET/GPAT	GATE/CSIR-UGC NET/GPAT: Yes / No; Roll. No.:_____, Year:_____, Score/Rank_____
14.	Educational Qualification	

Qualification	**Subject/Discipline**	**Board/Institute/Univ.**	**Year**	**% of marks/CPI**	**Div.**
10th or equivalent					
12th or equivalent					
Diploma, if any					
Undergraduate					
Postgraduate					

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	
	Scopus Indexed 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 a 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 a 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: Signature of the Applicant

Date:

Enclosure-Self attested copy of documents

1. Proof of Date of Birth.
2. Mark sheets & certificates of all the examinations passed.
3. Category Certificate, if applicable.
4. GATE / NET / GPAT score card, if passed.
5. Experience certificate, if any.
6. List of Research Publications (Journals and Conferences), if any.