



जैव प्रौद्योगिकी विभाग
मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद प्रयागराज –
211004 (भारत)
Department of Biotechnology
Motilal Nehru National Institute of Technology Allahabad
Prayagraj – 211004 (India)

Advertisement No.: 75/BT/2025-26

Dated: 22.09.2025

Advertisement for the Post of Junior Research Assistant (JRA) (On Contract)

Applications are invited from Indian nationals who are residents of Uttar Pradesh for the post of Junior Research Assistant (on contract) in a research project entitled “*Evolving Perspectives of Exosomal miRNA-182-3p in Gallbladder Cancer Diagnostics*” as per the sanction letter no. CST/ D-1185, dated 22/08/2025, sponsored by Council of Science & Technology U.P. (CSTUP). The duly completed application (soft copy in any form) on prescribed format along with scanned copies of supporting documents must reach to email id: gkpatel@mnnit.ac.in (Dr. Girijesh K. Patel, Department of Biotechnology, MNNIT Allahabad, Prayagraj, U.P.) with the subject of the email as “Application for JRA position (on contract)” on or before 12/10/2025, 05:00 PM (IST).

Description and Objectives of the Project: The proposed work aims to confirm the expression of miR-182-3p in gallbladder cancer patient tissue samples using different techniques. Furthermore, it seeks to determine the presence of miR-182-3p in exosomes derived from patient blood and urine samples to explore its potential as a non-invasive biomarker for gallbladder cancer. In addition, the study will investigate the association of miR-182-3p with different molecular pathways to elucidate its role in gallbladder cancer progression.

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 Positions: 1 (One)

Essential Qualifications: BE/B.Tech/M.Sc./M.Tech. in Biotechnology/Lifesciences/Bioinformatics, M. Pharm./ M.V.Sc. or equivalent with First Division. The candidate must be a resident of Uttar Pradesh.

Desirable Experience: Lab exposure to molecular biology, DNA/RNA isolation, cDNA synthesis, PCR, qRT-PCR, SDS-PAGE, Western blot assay, etc.

Fellowship: Rs. 25,000.00 per month (for first 2 Years) and 28000 per month for 3rd year (Consolidated)

Other Benefits: Accommodation may be provided as per the availability and the Institute norms. Candidate selected for the JRA may register for Ph.D. if the eligibility conditions (NET/GATE) as set by the institute are 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 1st April of the year 2025 (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 a contract basis for a period of one year initially, which may be extended depending on the performance evaluation on a yearly basis till the end of the 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 applications at any time and consider candidates of exceptional credentials without applications.
3. Qualification and experience may be relaxed by the Institute at any point in time for otherwise exceptional candidates. Mere possession of the prescribed qualification does not ensure that the candidate will be called for an Interview. The Candidates will be shortlisted on the basis of merit and the need for the project.
4. Shortlisted Candidates will be informed by email about the interview date. So, the candidate must provide a valid email ID in their applications.
5. Shortlisted candidates have to present themselves for the interview on the interview date with an 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. Girijesh K Patel,
Designation:	Assistant Professor
Department:	Biotechnology,
Institute address:	Motilal Nehru National Institute of Technology Allahabad Prayagraj- 211004, U.P., India.

Girijesh
22-09-2025



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: 75/BT/2025-26

Dated: 22/09/2025

Research Project Entitled	Evolving Perspectives of Exosomal miRNA-182-3p in Gallbladder Cancer Diagnostics	Self-attested recent passport-size Photograph
Sanction Letter & Date	Sanction order no.: CST/D-1185, Dated 22/08/2025	
Funding Agency	Council of Science & Technology U.P.	
Name of P.I.	Dr. Girjesh Kumar Patel	
Name of Position	Junior Research Assistant (JRA)	
Department/Section	Biotechnology	

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 1 st April 2025	_____ Years _____ Months _____ Days
6.	Father's/Husband's Name	
7.	Present/Contact Address	
8.	Permanent Address	
9.	Mobile No.	
10.	E-mail ID	
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	Subjects/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*	

*Title of B.Tech/MSc./MTech. Dissertation/Thesis.....

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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 qualified
5. Experience certificate, if any