जैव प्रौद्योगिकी विभाग
मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान, इलाहाबाद
प्रयागराज -211004, उत्तर प्रदेश, भारत
Department of Biotechnology
Motilal Nehru National Institute of Technology Allahabad
Prayagraj-211004, U.P., India

Advertisement No- …/2024/Project Staff   Dated-09.09.2024

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

Applications are invited from Indian nationals for the post of **Junior Research Assistant** (on contract) in research project entitled "**Integrated machine learning and genomics based approach to develop novel diagnostic markers for colorectal cancer**" sanctioned vide letter no. CST/D-911 dated 14/08/2024 and sponsored by CSTUP.

The duly completed application (soft copy) on prescribed format along with scanned copies of supporting documents must reach to Email ID of Dr. Ashutosh Mani (**amani@mnnit.ac.in**), Department of Biotechnology with the subject of the email as "Application for JRA (on contract) in CSTUP Project" on or before 29/09/2024, 5.00 PM (IST).

Description and Objectives of the Project: We aim to analyze colorectal cancer NGS data for identification of CRC biomarkers with the help of machine learning methods. The candidates having experience in the area of NGS data analysis, machine learning and cancer bioinformatics will be preferred.

The position is purely temporary. It will be governed by the funding agency rules & service conditions of Office of the Dean (Research & Consultancy), MNNIT Allahabad.

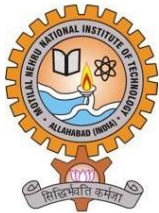|		
Number of Position	:	1 (One)
Essential Qualifications	:	M.Sc., M.Sc. (Ag), M.Pharm., M.VSc, B.Tech/B.E. or equivalent degree (in Bioinformatics, Biotechnology, Life Sciences, Biochemistry, Molecular Human Genetics, Molecular Biology including any relevant discipline suitable to the work proposed in the project) with high academic attainment with first class in UG and PG examination. **Desirable Experience and qualification:** Experience in the field of cancer genomics and machine learning. 75% marks or equivalent CGPA in M.Sc./ 65% marks or equivalent CGPA in M.Tech.
Fellowship	:	Rs. 25,000.00 per month (or as per Funding agency guidelines)
Other Benefits	:	Accommodation may be available as per the availability and the Institute norms. Candidate selected for the position may register for Ph.D. if eligibility conditions as set by 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	:	The upper age limit for Junior Research Assistant shall be 28 years as on 1st April of year in which application is made
Tenure of Appointment	:	Appointment will be made on contract basis for a period of one year initially (Date of joining and tenure will depend on availability of grant), which may be extended depending on the performance evaluation on yearly basis till the end of project (September 2027).

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.
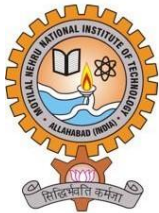
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3. Qualification and experience may be relaxed by the Institute at any point of time for otherwise exceptional candidates. Mere, possessing the prescribed qualification does not ensure that the candidate would be called for Interview. The Candidates will be shortlisted on the basis of merit and requirement 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. The mode of interview (Offline/ online) will be informed to the shortlisted candidates via the email id provided in the application form.

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. Ashutosh Mani
Designation   :   Assistant Professor
Department   :   Biotechnology

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For office use only

Application No…………….……

APPLICATION FORM
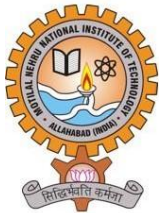
Advt.No…………………….   **Dated……………….…**

Research Project Entitled	Integrated machine learning and genomics based approach to develop novel diagnostic markers for colorectal cancer	
Funding Agency	CSTUP	**Self Attested recent passport size Photograph**
Name of P.I.	Dr. Ashutosh Mani	
Name of Position	Junior Research Assistant (on contract)	
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 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	A. NET: Yes / No; Roll. No.:_____, Year:_____, Score/Rank_____ B. GATE: Yes / No; Roll. No.:_____, Year:_____, Score/Rank_____
14.	Educational Qualification	

Qualification	Subject/Discipline	Board/Institute/Univ.	Year	% of marks	Division
10th or equivalent					
12th or equivalent					
Diploma, if any					
B.Sc./B.E./B.Tech./M.B.B.S. etc.					
M.Sc., M.V.Sc. etc.					
M.Phil./M.E./M.Tech*					
Any other degree (if any)					

*Title of P G (M.Sc./M.Tech. etc.) 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 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 any