



रासायनिक अभियंत्रण विभाग
मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद
इलाहाबाद- 211004 (भारत)
CHEMICAL ENGINEERING DEPARTMENT
Motilal Nehru National Institute of Technology Allahabad
Allahabad-211004 (India)

Advertisement No- 309/CH/F-18/2022

Dated-15/09/2022

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

Applications are invited from Indian nationals and residents of Uttar Pradesh only for the post of **Junior Research Assistant (JRA) (on contract)** in research project entitled “**Novel Processes of Synthesis of Physically Modified Starches for Application in Food Products and Agrowaste Composite Packaging Films**” Sanction No. CST/AAS/2022 D-1211 dated 29/08/2022 sponsored by Council of Science and Technology, U.P.

The duly completed application on prescribed format along with copies of supporting documents and a photo must reach to **The Dean (Research & Consultancy), Motilal Nehru National Institute of Technology, Allahabad, Prayagraj-211004 (U.P.) India** on or before 6 October, 2022 (i.e. 21 days from the date of advertisement). The envelope should be super scribed as “**Application for the post of Junior Research Assistant (JRA) (on contract)** in the Project “**Novel Processes of Synthesis of Physically Modified Starches for Application in Food Products and Agrowaste Composite Packaging Films**”. A soft copy of the application should also be sent to hsingh@mnnit.ac.in and parulk@mnnit.ac.in email addresses of **Dr. Harinder Singh and Dr. Parul Katiyar**.

Description and Objectives of the Project: The aim of the project is to reduce the downstream waste treatment in starch modification process and bring sustainability to the process using novel techniques. Applications of novel modified starch in food products and composite packaging films would be explored. The position is purely temporary and will be governed by the funding agency rules & service conditions of Office of the Dean (Research & Consultancy), **Motilal Nehru National Institute of Technology, Allahabad, Prayagraj-211004 (U.P.) India**

Number of Position : 1 (One)

Essential Qualifications : B. Tech./ M.Tech/ M.Sc. in Chemical Engineering, Food Science, Biotechnology, Food Technology, Biochemical engineering, Microbiology, Chemistry, Biochemistry, Agriculture Engineering, and any other related disciplines with **first class in graduate and postgraduate degrees**.

Desirable Experience : Research experience in carbohydrates, packaging, starch, cellulose, chemical engineering, food science and technology and any other related disciplines

Assistantship : **Rs. 20,000.00** per month (Consolidated) for first two years and Rs 22,000.00 per month (consolidated) for the last third year

Other Benefits : Accommodation may be available as per the availability and the Institute norms. Candidate selected for the JRA may register for Ph.D. if eligibility conditions as set by institute is met by him/her. The candidates may refer MNNIT website for detailed eligibility criteria. Facility of yearly leave, medical benefits etc. may be available as per applicable rules of the project staff.

Upper Age Limit : 28 years as on the 1st of April 2022

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. The tenure of the project is three years which starts from the day of joining of the JRA. **The project may be terminated by the agency at any time.**

Tenure of Appointment: Appointment will be made on contract **basis for extended period of the project**, which may be extended depending on the performance evaluation.

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.
4. 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.
5. Shortlisted Candidates will be informed by e-mail about the interview date. So, the candidate must provide valid e- mail IDs in their applications.
6. **The mode of interview will be online and informed to the shortlisted candidates only via the email id provided in the application form.**
7. 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.
8. No TA/DA will be paid for appearing in the interview.

Name of Project Investigator(PI) : Dr. Harinder Singh
Designation : Assistant Professor
Department : Chemical Engineering



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Website: <http://www.mnnit.ac.in>

For office use only

Application No.....

Advt.No. 309/CH/F-78/2022

APPLICATION FORM

Dated 15/09/2022

Research Project Entitled- Novel Processes of Synthesis of Physically Modified Starches for Application in Food Products and Agrowaste Composite Packaging Films

Sanction letter & Date- File No. CST/AAS/2022 D-1211 dated 29/08/2022

Funding Agency- Council of Science and Technology, U.P

Name of P.I. - Dr. Harinder Singh

Name of position- Junior Research Assistant (JRA) (on contract)

Department/Section- Chemical

Self Attested
recent passport
size Photograph

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					
12.	Category	Gen/SC/ST/OBC/PH _____ (enclosed attested copy of certificate)				
13.	NET/GATE	Valid up to _____ Score/Rank _____				
14.	Educational Qualification					
	Qualification	Subject/Discipline	Board/Institute/Univ.	Year	% of marks	Div.
	10th					
	12th					
	Graduation (B.Tech/BSc/Other)					
	Post Graduation (M.Tech/MSc/Other)					
	Other					

*Title of UG/P.G. 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):- if any			Numbers			
	i) Research Publications						
	ii) International/ Conference/Seminar ./ Symposium Proceeding						
	iii) National Conference/Seminar ./Symposium Proceeding						
	iv) An attached write-up of understanding about objectives this project in ~ 300 words)						
17	Any other information						
18	Indicated whether you propose to register for higher degree* at MNNIT, Allahabad. Yes/No (Name of degree)						

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. **Resident Proof of Uttar Pradesh**
5. NET/GATE score card, if passed
6. Experience support, if any
7. CV