



रासायनिक अभियंत्रण विभाग  
मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद  
प्रयागराज - 211004 (भारत)

**CHEMICAL ENGINEERING DEPARTMENT**  
**Motilal Nehru National Institute of Technology, Allahabad**  
**Allahabad-211004 (India)**

Advertisement No- 7/Project Staff

Dated-

**Advertisement for the Post of Junior Research Fellow (On Contract)**

**Walk In Interview**

Applications are invited from Indian nationals for the post of **Junior Research Fellow (on contract)** in research project entitled "**Effect of Dual Modifications of Starch Isolated from Various Cultivars of Sorghum for the Production of Specialty and Resistant Starches and Evaluation of Genotype Diversity in Cultivars Using Flour As Model**" sanction letter no. **F.No. Q-11/30/2018** dated 13/12/2018 sponsored by Ministry of Food Processing, GOI, New Delhi.

The duly completed application (soft copy in any form) on prescribed format along with scanned copies of supporting documents must reach to email id: **hsingh@mnnit.ac.in** (email id of Dr Harinder Singh, Chemical Engineering Department) with the subject of the email as " Application for JRF(on contract) in MOFPI Project " on or before 04/07/2020, 5.00 PM(IST).

**Description and Objectives of the Project:** The project is aimed at development of innovative and green methods to modify starch from sorghum for enhancement of resistant starch content or production of specialty starches. Both chemical and biochemical routes in combination with physical modification of starch may be utilized to find new applications of starch. The project also aims to evaluate genotype diversity in sorghum cultivars of India using flour as model.

The position is purely temporary and 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.Tech. or M.E.. in Chemical Engineering/Technology/Food Engineering/Technology/Biochemical Engineering/Biotechnology

**Desirable Experience** : One year research experience in related area.

**Fellowship** : ₹ 25,000.00 per month (Consolidated) + HRA (as per norms).

**Other Benefits:** Accommodation may be available as per the availability and the Institute norms. Candidate selected for the JRF 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. Project will end in December 2021.

**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. **Due to COVID-19 the mode of interview 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. Harinder Singh**  
Designation : Assistant Professor  
Department : Chemical Engineering



OFFICE OF THE DEAN (RESEARCH AND CONSULTANCY)  
MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY  
Allahabad – 211 004 (India)

For office use only

Application No.....

APPLICATION FORM

Advt.No.....

Dated.....

**Research Project Entitled- "Effect of Dual Modifications of Starch Isolated from Various Cultivars of Sorghum for the Production of Specialty and Resistant Starches and Evaluation of Genotype Diversity in Cultivars Using Flour As Model"**

**Sanction letter & Date-F.No.** Q-11/30/2018 dated 13/12/2018

**Funding Agency-** Ministry of Food Processing, New Delhi

**Name of P.I. -** Dr. Harinder Singh

**Name of position-** Junior Research Fellow (on contract)

**Department/Section-**Chemical Engineering

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) and women				
13	NET/GATE	Valid to _____ Score/Rank _____ up to _____				
14	Educational Qualification					
	<b>Qualification</b>	<b>Subject/Discipline</b>	<b>Board/Institute/Univ.</b>	<b>Year</b>	<b>% of marks</b>	<b>Div.</b>
	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.Tech./M.Sc/ME/B.E/B.Tech Thesis :**

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15	Details of Experience in chronological order. Enclose a separate sheet duly authenticated under your signature if necessary						
	<b>Organization</b>	<b>Position</b>	<b>Salary/Emoluments</b>	<b>Nature of Duties</b>	<b>Nature of appointment</b>	<b>Period of Experience</b> 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 degree)						

**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