यांत्रिकीअभियंत्रणविभाग
मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद
प्रयागराज -211004
Mechanical Engineering Department
Motilal Nehru National Institute of Technology Allahabad
Prayagraj - 211004 (India)

Advertisement No. 1473/MED/F-80/2026 Date: 23/11/2026

Advertisement for the Post of JRA (On Contract)
Walk-in Interview

Applications are invited from **Indian nationals who are residents of Uttar Pradesh** for the post of **JRA(on contract)** in the research project entitled:**" Combined Field and Laboratory Analysis of Abrasive Wear of Tractor Components and its application for tillage operation"**sanctioned by the **Council of Science & Technology, Uttar Pradesh (CSTUP)** vide Sanction Letter No. **CST/AAS/D-1763 dated 02/11/2026.**

The duly completed application in the prescribed format, along with scanned copies of supporting documents, must be submitted through email to binayaka@mnnit.ac.in **(Dr. Binayaka Nahak) and** hsingh@mnnit.ac.in **(Dr. Harinder Singh)**, with the subject line **"Application for JRA/SRA/RA (on Contract) – Project ID 7502"**, on or before **21 days from the date of advertisement till 5 PM**.

The position is **purely temporary and co-terminus with the project** and will be governed by the project guidelines of the **Council of Science & Technology, Uttar Pradesh (CSTUP)** and the rules and regulations of **Motilal Nehru National Institute of Technology Allahabad, Prayagraj**.

Description and Objectives of the Project

The project aims to develop a "**Combined Field and Laboratory Analysis of Abrasive Wear of Tractor Components and its application for tillage operation"** with an emphasis on agricultural applications.

The project aims to improve the wear rate and service life of Tractor components by different surface coating methods. In addition, both laboratory and field tests of agricultural components will be performed. The project will focus for the development of some agriculture prototype for tillage operation in tractor.

Applications are invited from eligible candidates for the position of **JRA (on contract)** to carry out the research activities associated with the project.

Number of Position	**01 (One)**
Essential Qualifications	B.E./B.Tech./M.E./M.Tech. in MechanicalEngineering, Chemical Engineering, Electrical and Electronics Engineering, Energy Engineering, or other relevant specializations.The candidate must be a **resident of Uttar Pradesh**.Candidates having relevant experience in areas such as tribology**, surface modification and advance welding, corrosion analysis, water harvesting, carbon capture, Material characterisation or related areas** will be preferred. (Detailed information given in **ANNEXURE–I**)
Fellowship	**₹25,000/- per month (Consolidated)**
Other Benefits	Accommodation may be available subject to availability and Institute norms. The selected candidate may be permitted to register for a **Ph.D. programme at MNNIT Allahabad**, subject to fulfilling the eligibility requirements and applicable Institute rules. Leave and other benefits may be available as per the applicable rules and guidelines for project staff.
Age Limit	**28 Year** as per JRA/SRA/RA) as on **01 April 2026**.The upper age limit is relaxable as per Govt./Institute norms for candidates

Binayaka Nahak 19/11/2026

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	belonging to **SC/ST/OBC/Persons with Disabilities (PwD) and women candidates**, as per applicable rules. (Detailed information given in **ANNEXURE–I**)
Tenure of Appointment	The appointment will initially be made on a **contract basis for a period of one year**, which may be extended further, subject to satisfactory performance and availability of funds, until completion of the project.
Duration of the Project	**03 Years**

Note

1. The applicant will be responsible for the authenticity of the information, documents and photographs submitted.
2. The Institute reserves the right to accept applications at any time and to consider candidates with exceptional credentials, as per applicable Institute norms.
3. Qualification and experience may be relaxed by the competent authority in exceptional cases. Mere possession of the prescribed qualification does not ensure that the candidate will be called for the interview. Candidates will be shortlisted on the basis of merit, qualifications, experience and the requirements of the project.
4. Shortlisted candidates will be informed by **e-mail** regarding the date and mode of interview. Candidates must provide a valid e-mail ID and contact number in their application.
5. Shortlisted candidates are required to appear for the interview with an updated **CV, publications (if any), original certificates/mark sheets and one set of self-attested photocopies** of documents supporting their educational qualifications and experience.
6. Candidates who are employed in any **private, government or other organization** must produce a **No Objection Certificate (NOC)** from their employer at the time of interview.
7. **No TA/DA will be paid** for appearing in the interview.
8. The appointment is purely temporary and co-terminus with the project and does not confer any right to permanent absorption in the Institute.

Name of Principal Investigator

Dr. Binayaka Nahak,
Designation- Assistant Professor
Department- Department of Mechanical Engineering
Institute Address- Motilal Nehru National Institute of Technology Allahabad, Prayagraj – 211004, Uttar Pradesh, India

Name of Co- Principal Investigator

Dr. Harinder Singh,
Designation- Associate Professor
Department- Department of Chemical Engineering
Institute Address- Motilal Nehru National Institute of Technology Allahabad, Prayagraj – 211004, Uttar Pradesh, India

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Motilal Nehru National Institute of Technology Allahabad
Prayagraj - 211004 (India)
(Name of Department)

For office use only

Application No..... Dated.....

APPLICATION FORM

Advertisement, No.: Dated:

Research Project Entitled		Self Attested recent passport size Photograph
Funding Agency		
Name of P.I./Co-PI		
Name of position		
Department/Section		

1.	Name of the Candidate (In Capital letters)	
2.	Sex (Male/Female/Others)	
3.	Marital Status	
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/EWS/SC/ST/OBC/PH _____(enclose Self-attested copy of certificate) and Women
13.	GATE	GATE: 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					
B.E./B.Tech					
M.E.*/M.Tech					
Other					
Ph.D*					

*Title of M.E./M.Tech/Ph.D .....

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): -	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:
Date:

Signature of the Applicant

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 score card, if qualified.
5. Experience certificate, if any.
6. List of Research Publications (Journals and Conferences), if any.

